



**TOGETHER**  
*for a sustainable future*

## OCCASION

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Ref No. Org.No. Status Offer Source

773 79 F S/L/D G  
**DEPOSITION OF COATINGS** Process of deposition of different purpose coatings; wear resistant, heat resistant, electro-insulation on ecologically clean and safe equipment of the KORUND type. Intended for hardening and regeneration of parts of wide nomenclature by the method of detonation deposition.

774 79 U E/D G  
**DEBURRING BY THE THERMO-ENERGY METHOD** The method is intended for mechanical cleaning operations and allows finish large scale parts of complicated configuration.

775 79 F S/D G  
**DEPOSITION OF COATINGS** Technical process of coating deposition upon parts by CHROMTIC and CARBOCHROM method of diffusion saturation. Intended for treating the die and foundry equipment machine parts and devices for increasing their operation stability.

776 79 F S/I/E G  
**HARDENING PARTS BY THE PLASMA AND GAS-PLASMA METHODS** (Pin balls, piston rings, forks). Intended for deposition of wear resistant coatings upon plane, cylindrical, spheric and hollow surfaces thereby providing for long life of the coated parts.

Ref No. Org.No. Status Offer Source

777 81 C L/J/S C  
**THE EFFICIENT WATER PURIFICATION INSTALLATION** The installation consists of a biological fluidized-bed and a biological filtering-bed, which epitomizes the chemical, physical and biological water treating processes, so it has excellent water purifying capacity. It can effectively mineralize inorganic pollutants, biodegrade organic pollutants, nitrify and denitrify nitrogen compounds. For grade 1-4 source water (COD 30mg/l), the treated water can meet the existing drinking-water standards. For domestic sewage and industrial waste water the treated water can come up to the effluent or reuse standards both in China and abroad.

778 81 C L/J/S C  
**PURIFYING/FILTERING OPEN WELL IN RIVER BED** This technique is applied in the water purification unit of the new type of waterworks. A novel physical structure designed and the biological film adopted make the impurities including bacteria in the water effectively intercepted, captured and biodegraded. In addition, a back-elutriation pipe system can prevent the open well from clogging, the aged biological films and captured impurities are washed back to the river, which make whole system operate more effectively.

779 82 C S/J/K R  
**PRODUCTION OF CITRIC ACID FROM SUGARCANE OR BEET MOLASSES** The citric acid is directly produced by submerged fermentation using sugarcane or beet molasses, glucose mother liquor, cassava, sweet potato and starch. Calcium salt method is used for recovery process of the product.

Ref No. Org.No. Status Offer Source

780 82 C S/T R  
**ANAEROBIC TREATMENT FOR WASTES FROM LIVESTOCK AND FOWLS** With the anaerobic treatment, the COD and BOD of the wastes can be largely reduced. A large amount of fish bait and agro-based fertilizer can be obtained. In addition biogas from the treatment can be utilized for lighting and cooking etc.

781 87 C J G  
**SPIN FINISH BFY-FD-10** The spin finish is the mixture of anionic surfactant. It has good wetting and antistatic properties. It can easily emulsify and form low-viscosity emulsion which penetrate uniformly into the filaments. The finish imparts good inter-filament cohesion. It shows good thermal stability subsequently during hot drawing-process. The spin finish does not contain any toxic component. It is odourless and not harmful to the human's health. Its biodegradation property is excellent.

782 87 C K/J G  
**ULTRA-FINE DENIER FIBER, TECHNOLOGY AND EQUIPMENT** The technology of producing ultra-fine denier (dpf 0.3) filament by conjugating spinning process was developed. Both relating equipment and software can be provided. The main uses of the products are fabrics like silk, artificial suede, cleaning fabrics and fabrics like peach skin etc.

783 88 C L/S/J G  
**JI DESHENG ANTI-VENOM TABLET** has the function of detoxication, detumescence, spasmolysis, anti-inflammation and analgesia etc. Ji Desheng Anti-Venom Tablet is effective for treatment of the bites of venomous snakes and poisonous insects.

Ref No. Org.No. Status Offer Source

784 88 C L/J G  
**SHEXIANG BAOXIN WAN (MUST PILL FOR PROTECTING HEART)** is prepared with precious medicinal materials including musk, borneol, styrax, ginseng, bezoar, toad cake and cassia bark. Shexiang Baoxin Wan is used for angina pectoris caused by myocardial ischemia, chest oppression, myocardial infarction, etc.

785 88 C J G  
**YISUI CHONGJI (POWDER FOR BENEFITTING BONE MARROW)** Yisui Chongji is made from natural herbs. It has the effect of promoting absorption of the hydrocephalus, improving the function of the nerve and reducing the cavity in the spinal cord. Effective remedy for syring omlia.

786 88 C L/J G  
**WANGSHI BAOCHI WAN (WANG'S BABY HEALTH PILL)** is effective for infantile diseases including dysplasia, phlegm; syncope and convulsion, common cold, fever vomiting, diarrhoea and constipation. It is also effective for treatment of gastrointestinal disorders due to the syndrome dampness phlegm stagnation in the adult. Used in infantile diseases especially for dysplasia and accompanying symptoms.

787 89 C L/J R  
**JIAN NAO YIN (SPECIAL NUTRIENT BEVERAGE)** is used for preventing strokes and cerebral atherosclerosis. A new special nutrient drink and the first of its kind in the country. Awarded a First Class Prize for Scientific & Technological Progress by Beijing Municipal Health Bureau.

Ref No. Org.No. Status Offer Source

788 90 C L/S/K R  
**SCR A C GENERAL PURPOSE SPEED CONTROL SYSTEM** The SCR cascade speed control system can be used for stepless speed control of AC inductive electro-motor for any kind of motor driven machines such as fan, water pump etc. It possesses flat speed torque characteristic and wide range of speed control as it is in the variable voltage system of DC motor.

789 90 C L/S/K R  
**SCR CASCADE SPEED CONTROL SYSTEM FOR CRANE** The SCR cascade speed control system for crane can be used for stepless speed control of AC inductive electromotor incorporated in travelling, versing and lifting mechanisms of cranes. It possesses flat speed torque characteristic and wide range of speed control as it is in the variable voltage system of DC motor.

790 91 W S/J C  
**LTC-A SECANT LINE ECONOMIZER FOR DIESEL ENGINES** Through regulating oil injection, the economizer raises the heat release rate of metre phase to make the matching and tandem of combustion to be more rational, thus to improve the economic properties. Under the circumstance of no changing the power, it can: 1. economize oil; 2. raise the torque; 3. purify the exhaust fumes; 4. lower the highest explosion pressure and rising rate of pressure of the cylinder.

791 92 C L/S/K C  
**MANUFACTURING OF VACUUM FLASKS** The technologies and equipment can be provided for manufacturing vacuum refills by bottom and neck sealing or waist welding of various type of casings of vacuum flasks such as sheet tin, aluminium, stainless steel and plastic casings etc. For use in the manufacture of domestic ware.

Ref No. Org.No. Status Offer Source

792 93 C D C  
**MIXER FOR LOOSE MATERIALS** The device is intended for preparation of dry multi-component mixtures. It consists of a rotating drum with raked blades arranged inside it and equipped with a loading/unloading system. The principle of operation is based on intensification of axial and radial axle displacement. Increased productivity of mixture preparation (1.5 to 2 times). Fire safety.

793 95 W D R  
**LABOUR-SAVING PROCEDURE FOR DRIVING AND MAINTENANCE OF WORKINGS** Developed design and substantiated parameters of new types of supports combining functions of preventive and constant working supports. Used in the mining and coal industry.

794 97 C D R  
**HIGHLY EFFICIENT HEAT-EXCHANGE SURFACE USING ALUMINIUM PLASTIC DEFORMATION** The heat-exchange surface development is carried out on a rolling mill. Bimetal surfaces for ammonia and brine cooling systems are manufactured in compliance with the following procedure: an aluminium thick-walled tube is fitted on the bearing steel tube and is sent to the rolling mill at which the ribbed spiral-rolled surface featuring the required pitch is formed. Monometal, aluminium surfaces for CHLADON or water-colling units are manufactured with the similar procedure. High percentage of mechanization, ecologically sound procedure featuring minimal specific power requirements.

Ref No.	Org.No.	Status	Offer	Source
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795	98	C	D	R
<b>METHOD OF LIGHT SOURCE LEAD-IN WIRE CONNECTION TO CAP CONTACT</b> The connection is performed with the aid of a special device mounted inside the incandescent lamp production transfer line. The cap contact is heated to the desired temperature. After the contact of the ball of melt material of the lead-in wire is obtained, the ball is pressed by the stamp of the built-in device. Used as the lead-in wire is metal whose melting temperature exceeds that of the cap contact material. The length and diameter of the lead-in wire shall be selected so that the ball of the lead-in wire material melts the surface layer of the cap contact when pressed by the stamp.				

796	100	W	D	R
<b>PRODUCTION OF CAST BISMETAL DIES</b> Use of the method of oriented crystallization of castings is suggested. Main usages of technology are dies operating under conditions of temperature loading.				

797	103	C	D	R
<b>CONSTRUCTION OF DEEP WELLS</b> With periodic burial of liquid production waste in absorbing seams of such wells. The procedure includes the system of gathering, all-season, maintaining and processing in order to reduce limitable concentration of components exceeding the standards and long-term maintaining in stationary state in low-temperature interval; computing of jumping conditions in the preliminary selected geological plant; special pumping equipment and its attachments.				

798	104	W	D	R
<b>LOCAL SETS OF GALVANIC DISCHARGE</b> From cations $K^{1+}$ , $Na^{1+}$ , $Zn^{2+}$ , $Ni^{2+}$ , $Cu^{2+}$ and anions $SO_4^{2-}$ , $Cl^{-}$ . Sewage treatment at local sets using precious components and water recovery into production has been suggested.				

Ref No.	Org.No.	Status	Offer	Source
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799	105	M	D	R
<b>SWARF BRIQUETTING OF STEEL</b> ShH 15 The production process includes collection of chips, two-stage crushing and cold briquetting thereof.				

800	115	C	D	R
<b>DEEP DRESSING OF VEIN QUARTZ</b> The process is based on use of electric and magnetic separation. Improvement of quality of quartz concentrate, non-use of water and reagents, improvement of profitability as compared with flotation.				

801	115	C	D	R
<b>STOKING UNDER CONDITIONS OF INTRICATE MOUNTAINOUS TERRAIN AND ELEVATED SNOW ACCUMULATION</b> The procedure includes the evaluation of limit parameters of stable dumps, selection of location thereof, structure and composition techniques, mine surveying, control of simultaneous fill of rock and snow, control of self-transportation of dump mass, regulations of formation of stable block-tier dumps. Reduces overburden rock freight turnover and ensures operation safety. Reduces maintenance costs.				

802	115	C	D	R
<b>DEVELOPMENT OF OPEN CUTS USING ORE CHUTES AND SLOPES</b> The method of development of open cuts using gravitation transport for sloped ore chutes has been suggested. Engineering solutions for fixing thereof and rock flow control are available. Minimal transportation costs from optimization of the ore chute contour intervals, minimal working wear from the rock motion control in sloped ore chutes.				

Ref No. Org.No. Status Offer Source

**803 115 M D R**  
**OPENCAST MINING WORKS MOON CONDITIONS** The Earth procedures for opencast mining taking into account specific Moon conditions served as a base for development of methods and equipment for construction and mining in Moon conditions. Construction of opencast mining under Moon conditions and celestial bodies featuring similar conditions. Certain production processes are applicable to the Earth conditions.

**804 115 C D R**  
**DEVELOPMENT OF CYCLE-FLOW METHODS OF MINING AND OVERBURDEN ROCK RECOVERY** Automobile road transport of rock ores and rocks using movable crushing units is suggested. Mobility of equipment is improved and mining transportation costs are reduced. The procedure is applicable to a wide range of mining-geological and mining-engineering conditions of open casts.

**805 121 M D R**  
**CORROSION PROTECTION OF OIL FIELD** One or two-side facing of steel pipes with shells made of glass-reinforced plastic materials manufactured in the form of thin-walled tubes to fit the internal and external diameter of steel pipes. Corrosion and wear protection of steel pipelines of oil catchment and infield transport system.

**806 122 C T/D R**  
**WELDING MATERIALS FOR HETEROGENEOUS STEELS** Welding materials for heterogeneous steels of austenite and martensite class. Welding materials, powder wire and electrodes ensure welds featuring high mechanical properties. Uses in mining machinery.

Ref No. Org.No. Status Offer Source

**807 123 M D R**  
**WATER INSULATION CONTROL IN WELLS** The method includes direct quantitative control of plugging reagents and pool fluids removal from the pool after water insulation. The introduction of the method will determine the efficiency of application of different procedures and plugging materials in concrete conditions of oil and gas fields. Non-productive consumption of reagents is reduced, efficiency of water insulation works is improved.

**808 123 W D R**  
**ACID TREATMENT OF INHOMOGENEOUS OIL-AND-GAS POOL** Application of temporarily-insulating gel-formation compound featuring controlled period of stability in pool conditions provides for a temporary insulation of the most penetrable interlayers and acid treatment of the maximal pool thickness with subsequent efficient cleaning of the face zone from temporarily-insulating material.

**809 123 W D R**  
**WATER INFLUX ISOLATION IN OIL AND GAS WELLS** The suggested method provides for obtaining a higher efficiency of water-insulating operations as compared with analogs thereof at the account of wash-out prevention of plugging compounds in the period of hydraulic screen formation.

**810 123 W D R**  
**PROCEDURE FOR CONTROL OF OIL AND GAS POOL FLOODING USING FLOOD-DEVIATION AGENTS** The procedure consists of selective and directed pumping of reagents around the pool surface from water-injection to selected extractive wells aimed at reduction of penetrability of flooded crack zones. The method is implemented with the use of easy-filterable reagents: solutions of coagulating and sediment-formation polymers, emulsions. Improvement of efficiency of pool treatment and oil recovery. Non-productive consumption of reagents is limited.

Ref No. Org.No. Status Offer Source

811 123 W D R  
**FACE ZONE TREATMENT METHOD** The method includes treatment of the face zone with acid and separation of the bed from reaction products under conditions of controlled depression. The method may be used in treatment of the face zone with solvents. A jet device is used to create depressions on the bed. Oil, gas and water injection wells. The method provides for selection of optimal depression and determines the required duration of the bed draining which ensures a complete cleaning of the face zone from the reaction products.

812 124 W D R  
**BALANCING OF SPINDLE ASSEMBLIES AT BLADE MACHINING OF UNBALANCED BLANKS AND WHEEL GRINDING** The machined workpiece featuring design unbalance is installed in the machine chuck. The spindle and the blank picks up speed from zero to nominal value. At this, it is automatically balanced, then, the machine is changed over to the operating rotation. Metal-cutting machine tools, lathing and grinding groups.

813 125 P D R  
**PORT CARGO TRANSFER TECHNOLOGY** Application of high-productivity, ecologically safe technology of different cargo transfer is suggested. Obtaining high intensity, automation, environmental protection.

814 126 M D U  
**APPLICATION OF POWDER METALLURGY IN MACHINE REPAIR PROCESS** Powder plasma-jet hard facing of worn parts of agricultural machines has been suggested. High hardness and wear resistance of coatings, good adhesion to base metal.

Ref No. Org.No. Status Offer Source

815 130 M D R  
**PLASMA-ARC SPRAYING** Preliminarily and locally flashed surface is sprayed. The process does not feature excessive heating of the metal part and loss of strength of the part as well as buckling thereof. The procedure includes washing and degreasing, shot-blasting of the surface, spraying.

816 132 W D C  
**PRODUCTION OF LATEX MASTIC COMPOUNDS FOR SEAM-FREE FLOOR COVERINGS** Mastic compounds based on butadiene styrene latex, fillers, additives have been suggested. Seam-free coverings are laid on cement-sand and gypsum covering. Dust-and-seam-free antistatic covering.

817 133 C D R  
**PREFABRICATED REINFORCED CONCRETE** The procedure for production of prefabricated reinforced concrete with simultaneous thermal treatment of articles manufactured of heavy-weight and light-weight concrete in continuous chambers in steam-and-air medium has been developed. Simultaneous thermal treatment of different concretes in one unit.

818 134 T/D R  
**PRODUCTION OF ORGANIC FERTILIZERS ON THE BASIS OF LIQUID MANURE PROCESSING** Improvement of procedure of preparation of high nutrient organic fertilizers on the basis of liquid manure processing by fermentation thereof. Improvement of nutritious organic mass and reduction of metal content and power intensity.

Ref No. Org.No. Status Offer Source

819 136 C D R  
**PROCEDURE FOR ATTACHMENT OF STEEL SHAPED PLATINGS TO BEAM BOX MEMBERS** The procedure is used in ferroconcrete floors reinforced with platings. Steel channeled sections are assembled as platings and are used as shuttering left for the concrete mix to be placed in the slab. The concrete strength obtained, the sections are included as components (reinforcement) of the slab. The inclusion of the channeled section in the slab is ensured by tubular hollow anchors used as a base for development of the butt joint of the steel-and-concrete floor with the beam. Constructions of floors of industrial and civil buildings and structures.

820 141 F T C  
**LABELS AND LABELLING MACHINES** All types and applications including garment industry, chemical industry, car and vehicle industry, food industry etc. In fact any identification label - millions. Refurbished machines available, guaranteed for 6 months.

821 148 C  
**EQUIPMENT FOR AIR-CONDITIONING WITHOUT USING FLUOR-CARBON-HYDROGEN** The invention is utilizing a technique of air-conditioning without employing fluor-carbon-hydrogen. The equipment can be used in buildings and transportation. The apparatus includes an heat-exchanger assembled with vertical tubes for the air and connected with heat-conducting plates which are submerged in a fluid at the lower part. The apparatus includes a ventilator and sprayer. The equipment has low energy consumption, protects the environment and can be used during the entire year.

Ref No. Org.No. Status Offer Source

822 149 U J C  
**PRODUCTION OF MEDICAL APPARATUS FOR REFLEXOTHERAPY** and therapy which use the curing impact of electro-magnetic radiation of small power millimeter length waves as well as the emission spectrum similar to the spectrum of oriental absinth cigar on acupuncture points or bio-active zones. Devices have several positive features: the treatment of internal organs on the principle of endoscopy. The possibility of simultaneous impact on several patients. High treatment efficiency is guaranteed by the specially developed methods of treatment of various diseases.

823 149 P J C  
**PRODUCTION OF DEVICES FOR INFUSION SOLUTION TRANSFUSION FOR URGENT MEDICAL AID** The devices operate at any position of drop and filtering unit. The proposed devices allows to solve one of the acute problems in "hot" regions of all over the world or in case of some accidents (crashes, earthquakes etc) - to render to victims of different accidents an urgent medical aid on the spot or in the course of their transportation to hospitals. This allows to save lifes of wounded people and eliminates the period of treatment at hospitals.

824 149 P L/J C  
**PRODUCTION OF COMPRESSORS** With special type of pistons to create acoustic waves to raise its efficiency and to obtain unique technical characteristics. These compressors could be used for transfusion of different types of liquids and gases and could be utilized in equipment for electric and electronic industries. Due to the technical characteristics compressors could be implemented in consumer and other types of refrigerators without utilization of harmful for the environment gases etc.



Ref No. Org.No. Status Offer Source

825 157 F  
**PORTABLE WELDER FOR PVCU PRODUCTS** Designed for use away from factory to make butt joints in PVCu products for windows and other building parts such as guttering. All electric no air needed. Manually operated, easy to maintain, much cheaper than factory welders. Technical support and training available. Cost approx £2,000.

826 158 C E/K/T C  
**CONTROLLED ATMOSPHERE** brazing equipment for the continuous production of aluminium heat exchangers - automotive radiators, heaters, oil coolers, air charge coolers and air conditioning components. Complete processing lines supplied and technical advice available on material selection, manufacturing tolerances, component assembly and testing.

827 160 C E/T C  
**MONKEY WINCH** Hand operated tool for uprooting trees. Widely used for clearing land for improving agricultural and food production. Clears all trees and scrub, needs no fuel and little maintenance. Training can be given in use of machine and assistance in agricultural development projects. Training available for all maintenance.

828 166 C D P  
**CONCRETE CONSTRUCTION** PAL KAL unique system of large distance span concrete slabs without supports. The slabs are light weight. No need to tie the reinforcement bars. High strength carry a uniform load of up to 8 tons sq m. Minimum manpower for preparation. No deformations. No drop beams. No need of expansion joints up to 200 meters. Max thermal and acoustic insulation. Allows for changes of original designs in a short time or during implementation.

Ref No. Org.No. Status Offer Source

829 166 C L/S P  
**ELECTRICAL SAFETY EQUIPMENT** Two items which were developed to prevent electrification and to complete the ground leakage relay deficiency: it won't work without good conductivity to the ground, both patented. Both a home circuit breaker size. NOVO 2: A local ground fault detector. Installed to the appliance. Will cut the power to the appliance when ground problem occur. NOVO 3: A remote ground fault detector. Installed in the main board, detects any fault in the ground conductor from the main to the board. Will give visual or aural signals or cut the power as preprogrammed.

830 181 F S C  
**CONTAINERS FOR LIQUIDS** Collapsible foldable tanks till 300,000 litres - efficient and economical alternative to store, to transport a large range of liquids from water to hydrocarbons, lightweight, compact when empty, inexpensive transportation and installation - no pollution - no evaporation of the liquids and no rusting - 20 years of experience.

831 182 E/C L/J/D C  
**RANT CASTING PROCESS** Trade secret licence to manufacture zinc alloy castings using graphite moulds, producing castings comparable in quality to pressure die castings. No pollution, non toxic, inert material, replaces brass, bronze, aluminium, grey iron. Non corrosive, non sparking, proven by over 16 years production by licensor. Ideal for developing countries, reducing imports, creating skills. One time fee, no royalty.

Ref No. Org.No. Status Offer Source

832 182 M/U T C/R  
**WASTE RECYCLING** Licence to make use technology for the recycling of agricultural, forest, plastic waste etc for the manufacture of usable products, a state of the art technology patented. Ability to take waste and develop value added products, normally made from increasingly expensive wood. I.E. replacement for lumber. Establishment of pilot plant in Canada presently under negotiation, plus two Canadian companies seeking licence and one offshore.

833 183 F L C  
**INDUSTRIAL INSTRUMENTS** Panel instruments (voltmeters, ammeters, watt meters, maximum current meters, Hz meters), measuring transducers.

834 184 C K C  
**BRICK PLANT** Clay bricks are produced in kilns heated by firewood (heating by oil is expensive). Using very simple technology can be placed close to the villages at the raw material site. The building is extremely simple and the production can reach 300,000 bricks per month. Clay bricks use local raw materials commonly available, avoiding the use of cement blocks that normally use imported items.

835 186 J  
**CLOTHING MANUFACTURER** We wish to execute joint venture offer of textile and garments. The markets both internal and external are fertile. They are export oriented project and no environmental pollution is likely to occur.

836 194 C E/L/J C  
**WASTE BURNING BOILER** Simple fire tube boiler designed to burn most waste materials - steam can be used for manufacturing processes or to drive an engine. Can be adapted for oil burning degree of sophistication can be varied to suit site conditions. Output 500 lbs per hr at 150 psi.

Ref No. Org.No. Status Offer Source

837 195 P D C  
**DESIGN AND DEVELOPMENT OF NEW PRODUCTS FOR EXPORT** Consultancy offers new product design and development backed by engineering and marketing skills to manufacturing companies seeking new outlets for production capacity.

838 198 C D P  
**METALLURGICAL ENGINEERING SUPPORT SERVICES** A consultant with considerable experience in the choice of materials, manufacture, testing and service problems of power plant (steam turbines, diesel engines, gearing) and also pumps for a wide range of applications from process and water supply to the largest power station pumps. Offer of service or joint venture.

839 201 C E/T/D C  
**TUNNELLING MACHINES** Tunnelling machines ranging in size from 500 mm diameter to 14 m diameter for water, sewerage, road and rail tunnels. Special machines for difficult ground conditions below water table in unstable ground. Hundreds of machines produced to date for jobs ranging from small sewer construction in congested urban environments through metro construction to large major contracts such as the channel tunnel between England and France.

840 202 C L G  
**CHLORINE TABLET** Chlorine tablets are made from stable bleaching powder, additives etc. and are usually available in various sizes for disinfecting water. These are also used to purify effluents of many industries.

841 207 P D C  
**INDUCTION MOTORS** Induction motor technology pertains to the manufacture of all types of induction electrical motors ranging from 1/8 H.P. to 2 H.P. in single phase, 220/230 volt supply and 1/8 H.P. to 10 H.P. in three phase for 400/440 volt supply.

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842	207	C	K/L	C
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**BATTERY CHARGERS**

843	215	C	K/L	C
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**COMPUTER NUMERICALLY CONTROLLED LATHES (CNC)** Slant bed places the spindle close to the operator for trouble free loading/unloading and setting up to work piece. All controls and indicators are conveniently located within easy reach of operator to facilitate regular visual check for correct functioning and easy changes for different machining conditions. The flat top arrangement means better supervision of several machines at a time. Totally enclosed cover prevents splashing and scattering of cutting fluid and chips.

844	217	C	K/L	C
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**PULP & PAPER PLANT (60TPD) & (200TPD)** Pulp and Paper plant to manufacture cultural and industrial grades of paper with average daily production capacity of 60 TPD based on straw, bagasses and other annual crops and purchased waste paper and pulp. Presently more than 50 plants based on this technology are operating in India and abroad using different raw materials.

845	218	C	K/L	G
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**MACHINE TOOLS/MANUFACTURING TECHNOLOGY; CNC/DNC/SYSTEMS** Design, Analysis, Simulation and Documentation of machine tools; manufacturing systems and processes. Consultancy services on design, development manufacturing and implementation of machine tools manufacturing systems and processes. Consultancy services on establishing research and development centres for machine tools, manufacturing systems, CNC, CAD CAM FMS CIM.

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846	219	C	K/L	C
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**RECIPROCATING AIR COMPRESSORS**

Salient features of Reciprocating Air Compressors are: Air cooled, splash lubricated, Single/multi cylinder, Single stage/multi stage, Motor/Engine driven, Base mounted/tank mounted/portable having a maximum capacity of 4500 litres, minimum and maximum working pressure of 65kgs./sq.cm.

847	221	P	D	C
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**LOW TENSION SWITCHBOARDS WITH AIR CIRCUIT BREAKERS**

The technology facilitates production of low tension switchboards with air circuit breakers upto 600V. The metal-clad switchboard panels are floor mounted, free standing and modular construction. Raw material required: steel, copper, aluminium, insulators, insulating materials over current & tripping relays, ammeters, voltmeters and air break contactor. Personnel required include 30 engineering/technical staff, 85 skilled and 15 unskilled workers for production of 1000 breakers and accessories per annum.

848	221	C	K/L	C
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**HV METAL SWITCH BOARDS WITH LOW OIL CONTACT CBS UPTO 11 KV A**

The Low Oil Circuit Breakers are equipped with a stored energy drive and are suitable for synchronising. These breakers can be mounted either fixed or withdrawable into open or sheet metal enclosed switchboards.

849	221	P	D	G
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**THREE-PHASE INDUCTION MOTORS**

The motors are suitable for use in driving pumps, fans, compressors.

Ref No.	Org.No.	Status	Offer	Source
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850	221	C	K/L	C
<b>LV SWITCH BOARDS ACBs UPTO 600V</b>				
The Air Circuit Breakers work on quenching principle, that is the use of high resistance interruption, the arc being lengthened and presented to a large cooling surface within an arc chute. Multiple assemblies of withdrawable units can be achieved. The switch board panels are floor mounting free standing and compartmentalised and completely metal clad with sheet metal enclosure.				

851	221	C	K/L	C
<b>DISTRIBUTION TRANSFORMERS RATING UP TO 1600 KVA &amp; VOLTAGE 33KV</b>				

852	221	P	D	G
<b>H.T.METAL CLAD SWITCHBOARDS</b>				
The H.T. switchboards protect system equipment and workers from damage caused by faults and can also be used to clear the faults.				

853	222	C	K/L	C
<b>POWER TRANSFORMERS UPTO 220 KV CLASS</b>				
Capabilities exist for technology transfer, design, manufacturing and establishing test facilities for Power transformers upto 220 KV class for annual production of 5000 MVA (Maximum rating 250 MVA; average rating of 75 MVA).				

854	226	C	K/L	C
<b>RF/IF COILS</b>				

855	233	C	L/D	C
<b>PLANT GROWTH PROMOTER CONTAINING N-TRIACONTANOL</b>				

856	235	C	L	C
<b>ROOFING TILE PROJECT</b>				
Burnt clay roofing tiles of size 420mm x 250mm with weight of 2 Kg per tile can be manufactured from clay only. So free raw material available in every country. Capacity 2 million tiles per annum. Employs 60 unskilled workers. Import component only 20% of project cost. Bright prospects in every developing country.				

Ref No.	Org.No.	Status	Offer	Source
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857	235	C	L	C
<b>TINY CEMENT PLANT</b>				
Portland cement as per Indian or British standard can be manufactured. Capacity 20 tonnes per day. Capital investment per tonne on installed capacity only 50% of big cement plants. Saves transport cost. Requires very small limestone reserve. Ideally suitable as captive unit for builders, contractors.				

858	236	C	L	P
<b>DEHYDRATION PLANTS FOR DRYING HORTICULTURAL PRODUCE</b>				
Room temperature dehydration plants for drying horticultural produce like, fruits, flowers, vegetables. Advantages of low temperature (selective from 27 degree C to 39 degree C) is better colour retention, aroma, textures and rehydration characteristics. Water-removal capacity of 300 Kg/day consumes 200 units of power and 15 HP 3phase connection. Area required - 15H x 010L x 6W.				

859	238	C	K/L	G
<b>SODIUM SILICATE FROM RICE HUSK ASH</b>				
Rice husk ash is made to react with caustic alkali. The sodium silicate solution so obtained, is concentrated and bleached simultaneously. The main items of equipment required are rice husk fired boiler pressure vessel, filter press and evaporators. Used in manufacturing of soaps, silica gel, catalysts and adhesives.				

860	238	C	K/D	G
<b>CLAY AND FLY ASH HOLLOW BUILDING BLOCKS</b>				
The blocks find widespread application in the construction of buildings.				

861	238	C	K/D	G
<b>CLAY AND FLY ASH TILES</b>				
The product finds extensive applications in the construction industry.				

- | Ref No.   | Org.No. | Status | Offer | Source | Ref No.   | Org.No. | Status | Offer | Source |
|---|---------|--------|-------|--------|---|---------|--------|-------|--------|
| 862   | 239     | C      | L     | P      | 868   | 245     | P      | L     | G      |
| <b>EARTH BLOCK PRESS</b> A manually operated press that compacts soil into unfired unstabilised/stabilised soil blocks for wide range of construction applications. Applications include low cost housing, community buildings etc.   |         |        |       |        | <b>SYNTHETIC RUTILE</b> Process for production of synthetic rutile from Ilmenite by direct reduction followed by aeration. The process eliminates pollution problems encountered in conventional process. The product obtained is pigment grade TIU2. |         |        |       |        |
| 863   | 240     | C      | L     | G      | 869   | 245     | C      | D     | G      |
| <b>FLY ASH BRICKS</b> The process consists of making a mixture of fly ash as such or mixed with some coarse material and lime in the presence of an accelerator with requisite amount of water. This mixture is formed in the shape of bricks in a press and the formed bricks are cured in steam to obtain a definite chemical reaction. The chemically bonded material is the building unit and used for construction purposes. |         |        |       |        | <b>THATCHED ROOF WITH EXTENDED LIFE</b> This technology is used to extend the life of a thatched roof by three years.   |         |        |       |        |
| 864   | 241     | C      | L     | P      | 870   | 245     |        | D     | G      |
| <b>GYPSUM REFINING AND CALCINATION</b> The process consists of two stages (a) dewatering and refining and (b) calcination. Used in building and cement industries, gypsum plasters, gypsum blocks and bricks and gypsum granules.   |         |        |       |        | <b>MICROPROCESSOR-BASED WEIGHING SCALE</b> This technology is for manufacturing microprocessor-based weighing scales.   |         |        |       |        |
| 865   | 242     | U      | D     | G      | 871   | 245     | P      | L     | G      |
| <b>INDUSTRIAL PRECISION TIMER</b> The timer used in various industrial process control operations. The timer can measure up to 99 seconds and has resolution of 1 millisecond. It is provided with a 3-digit LED display.   |         |        |       |        | <b>TREATMENT OF LATEX CENTRIFUGE EFFLUENT</b> Process for treatment of latex centrifuge effluent and treatment of latex waste effluents. It enables pollution control in natural rubber latex processing plants.                                      |         |        |       |        |
| 866   | 243     |        | D     | C      | 872   | 245     | U      | L     | G      |
| <b>COILS AND TRANSFORMERS</b> The technology facilitates manufacture of mains and output transformers.  |         |        |       |        | <b>POLYMER REINFORCED COIR FIBRE</b> Process for manufacture of polymer reinforced coir fibre composites (poly coir) used as alternate building materials such as door and window panels.   |         |        |       |        |
| 867   | 243     | P      | K/D   | C      | 873   | 253     | C      | D     | G      |
| <b>MICROPROCESSOR BASED WEIGHING SCALE</b> The manufacturing plant will be semi-automatic employing 8 persons.  |         |        |       |        | <b>IN-PROCESS QUALITY CONTROL FOR WELDING</b> This is microcomputer based basic instrumentation system designed for monitoring in process quality.  |         |        |       |        |
|   |         |        |       |        | 874   | 254     | C      | D     | G      |
|   |         |        |       |        | <b>ARC-WELDING ELECTRODE</b> The technology is for the production of metal arc welding electrodes.  |         |        |       |        |

Ref No. Org.No. Status Offer Source

875 255 C K/D G  
**NML-HCL INHIBITOR** Used for pickling of steels in hydrochloric acid at room temperature to 70 centigrade, cleaning of boilers, tubes, autoradiators, cleaning of choked steel pipes, heat exchanger tubes, etc. A unique acid inhibitor with no equals in the market. Inhibits hydrogen absorption by steels adequately. Based on polymer compounds with proven efficiency of 97% in 15% HCL. It reduces acid consumption by 60% metal dissolution by 55%, and acid mist by 95%.

876 255 C L G  
**METASAVE** It is a multi-purpose corrosion inhibitor, used for pickling of steel.

877 255 C K/D G  
**STAINLESS STEEL POWDER** Used for production of sintered items through P/M route, welding rods, porous thimbles for filters and also for sprayed powder coatings. A unique process to make stainless steel powders of ASTM 304 + 316 grade through a chemical route with no equal in the market. The yield is 94-96%. The physical and chemical properties of the powders are as good as stainless steel stocks. 86% of 350 mesh size distribution.

878 256 P J C  
**SINGLE COLUMN VERTICAL TURRET LATHES** The machines are available in six models with maximum turning diameters.

879 256 C J C  
**UNIVERSAL GEAR HOBBIING MACHINE** The high speed gear hobbing machines that can cut all types of cylindrical and toothed components either in single piece or mass production. The machine comes in three models with a maximum diameter of gear ranging from 250 to 900 mm and a maximum module from 6 to 10 in 60 kg./sq. mm steel. The basic equipment required are capital goods (metal working machinery for processing) and equipment for inspection.

Ref No. Org.No. Status Offer Source

880 257 P K V  
**WELDING ELECTRODE MANUFACTURING PLANTS** The three models of welding electrode manufacturing plant conform to international specifications. Model WP-1, 800 tonnes per year, based on 300 eight-hour shifts, of 4mm x 450mm light medium coated electrodes of AWS E 6013 classification. It requires manpower of 26, about 800 sq.m floor area and 360 kw/484 hp power.

881 261 P L G  
**COMPUTER BASED ENERGY MANAGEMENT** The CEMS claims to assist power utilities to strike a balance between demand and supply, and to provide end users with economical, high-quality power.

882 262 P K G  
**GAS DISTRIBUTION PIPELINE SYSTEMS**

883 270 C L/D P  
**PACKAGE PLANTS FOR RECLAMATION AND REUSE OF DOMESTIC WATER** The treatment process utilizes the proven modification of the activated sludge process known as extended aeration. The technique utilizes biological treatment of sewage followed by setting, sand filtration and disinfection. Additional treatment (e.g. softening) is incorporated where justified by end-users of the reclaimed water. Three sizes of package plants are available of sewage flow of 50 cu. m/day, 100 cu m/day 150 cu.m/day. Larger sizes may be fabricated to order.

884 273 P L/D C  
**SOLVENT FILM CARBON (SFC) PROCESS** The process makes use of non-waxy synthetic materials.

Ref No. Org.No. Status Offer Source

885 275 C L/D C

**INTEGRATED ZINC SECONDARY PLANT**

The plant processes zinc secondaries to produce zinc sulphate heptahydrate or monohydrate with options to recover brass fines or copper. The process is a very efficient hydrometallurgical route involving operations like ball milling, tabling, cementation, reaction, filtration, evaporation/salting, crystallisation, centrifuging, pulverising, sieving and ingotting (pyrometallurgical).

886 277 P L C

**ETHYLBENZENE "ALBENE"** is a single step reaction process for conversion of Ethyl Alcohol and Benzene into Ethylbenzene. The reaction is carried out in the vapour phase over a zeolite based catalyst in a series of alkylation reactors. The higher ethylbenzenes formed in the alkylation step are trans-alkylated to ethylbenzene in another reactor stream. The reaction products are then condensed and purified in a series of distillation columns for the removal of unreacted benzene, higher ethylbenzenes and other impurities.

887 278 C K/D G

**PLASTER OF PARIS** The process gives high strength plaster of paris with excellent properties.

888 278 C K/D G

**SEMI-MECHANISED BRICK MAKING MACHINE** The machine produces uniform shape, size and superior strength bricks.

889 279 C L/D C

**SOFT START STARTERS AND ENERGY SAVERS** Soft start motor starters with energy saving facilities.

Ref No. Org.No. Status Offer Source

890 280 C L/D P

**HEAT TREATMENT** Heat treatment: Uses are wide ranging from fasteners, tools and dies to rolls for cold rolling mills. Basic requirement is furnaces, oil fired or electrical of sizes dependent on components/materials to be heat treated. Scale of operations can be varied from small to large, depending on local market requirements, capital available etc. Technology can be used both for job-work or as the crucial process in manufacture of a product. Ideal for small scale industry.

891 281 P J/D P

**SYNTHETIC QUALITY CARROM BOARDS**

892 282 P D P

**SERVO VOLTAGE STABILISER** Technology is available for production of servo voltage stabilisers for uninterruptable power supplies etc.

893 283 C L C

**UNREINFORCED PYRAMIDAL BRICK** Roofing system for coastal areas affected by cyclone. Reduction in erosion, cyclone resistant, economical.

894 283 P K G

**FLY ASH BRICKS** Quality fly ash bricks are produced by this technology.

895 283 P L G

**WATER PROOFING SYSTEM** for exposed brick masonry and linal concrete surfaces. Foor the building industry.

896 283 C L C

**TIMBER SKELETON SYSTEM** For low cost houses. Use of secondary species of timber for economic and speedy construction, flexibility in planning.

897 283 C L G

**CLAY FLOORING AND ROOFING TILES**

898 283 C L G

**BOARD COMPACTION FILE**

Ref.No.	Org.No.	Status	Offer	Source	Ref.No.	Org.No.	Status	Offer	Source
899	283	C	L	G	909	283	C	L	C
<b>BRICKS BY SEMI-MECHANISED PROCESS</b> Manufacture of bricks by a semi-mechanised process including high draught kiln.					<b>PEDESTAL PILE FOR LOW COST FOUNDATIONS</b> Suitable for areas having black cotton soil for low cost houses. Economical, easy to cast, saving in scarce building materials.				
900	283	C	L	C	910	283	C	L	C
<b>FRAMELESS DOOR AND WINDOW FIXTURES</b> For low cost houses. Saving by eliminating frame work, economical, saving in wood.					<b>CONCRETE SKELETON SYSTEM</b> Concept of house in stages. Flexibility in planning, resistant against floods and earthquakes, suitable for areas of poor quality bricks.				
901	283	C	L	G	911	283	C	L	G
<b>SAND LIME BRICK</b>					<b>PLASTIC AND CEMENT MASONRY PAINT</b>				
902	283	C	L	C	912	283	C	L	C
<b>BALLI SKELETON SYSTEM</b> For low cost houses. Economical, flexibility in planning any cladding material can be used.					<b>PLINTH PROTECTION OF MUD WALLS</b> To protect mud walls from erosion due to flooding. Increase life of the house made of mud.				
903	283	C	L	G	913	283	P	L	C
<b>SILICATE BASED WATER PROOFING FORMULATIONS FOR BUILDINGS</b> Water proofing, damp proofing and checking leakage and seepage through exposed cracks in walls and roofs of buildings.					<b>INTEGRATED THIN WALL AND COLUMN SYSTEM</b> Economical, saving in bricks and cement, easy to adopt.				
904	283	C	L	C	914	283	P	L	C
<b>BRICK SKELETON SYSTEM</b> For construction of low cost houses. Economical, flexibility in planning. Any cladding material can be used.					<b>PRODUCTION OF PRECAST BUILDING COMPONENTS</b> Structurally efficient sections, resulting in saving in concrete and steel. Shuttering completely eliminated.				
905	283	C	L	C	915	283	P	L	C
<b>LOW COST LATRINE</b> Safe disposal of human excreta. Easy to construct and clean, low water consumption, free from foul smell and flow nuisance, manure and by-product.					<b>PREFAB JACK ARCH PANEL SYSTEM</b> Saves scarce building materials, economical easy to adopt, 20 - 25% saving over RCC roof.				
906	283	C	L	G	916	283	P	L	G
<b>GYPHUM KETTLE AND PLASTER BOARD</b>					<b>BLOCK MAKING MACHINE FOR CONCRETE BLOCKS</b> Concrete blocks made by the machine are as per I.S. standard, IS:2185(PART 1) - 1979 and to be used in the construction of walling in buildings and pavements.				
907	283	C	L	G					
<b>LIME HYDRATING MACHINE</b>									
908	283	P	L	G					
<b>SKIRTED GRANULAR PILE FOUNDATION</b> for foundation of buildings.									



Ref No.	Org.No.	Status	Offer	Source	Ref No.	Org.No.	Status	Offer	Source
917	283	C	L	C	926	283	C	L	C
<b>WASTE WATER DISPOSAL SYSTEM</b> For disposal of residential waste water. Simple technology, compact design, economical & real solution.					<b>IMPROVED METHOD OF MAKING FIRE RETARDANT THATCHED ROOFS</b> Roofing system for Kuccha house. Increases the life of thatch roof. Easy to construct, fire resistant and water repellent.				
918	283	C	L	C	927	283	C	L	G
<b>HOUSE FOR DISASTER AFFECTED AREAS</b> Housing in cyclone affected areas. Cyclone resistant, economical.					<b>FERROCEMENT DOOR SHUTTERS</b>				
919	283	C	L	G	928	283	P	L	C
<b>LINER KILN</b>					<b>ACTIVATED LIME POZZOLANA MIXTURE (ALPM)</b> Rapid setting and gains strength better than conventional mixture. It is suitable for mortars in masonry and plastering.				
920	283	C	L	C	929	283	C	L	G
<b>NON-ERODABLE MUD PLASTER</b> To protect mud walls from erosion. Water repellent, increases life of mud walls, economical.					<b>LIME AND LIME PRODUCTS</b>				
921	283	C	L	G	930	284	C	L/d	C
<b>MECHANISED PAN SYSTEM FOR GYPSUM CALCINATION</b>					<b>PARTICLE BOARD</b> Agricultural wastes like saw dust, rice husk etc. can be effectively made into particle board.				
922	283	P	L	C	931	284	C	L/D	C
<b>SOLID PRESTRESSED CONCRETE POLES</b> Suitable for industrialised production of solid prestressed concrete poles as per shape and size standardised by rural electrification corporation conforming to IS:2905-1966.					<b>NON FERROUS ROLLING MACHINE</b> Non ferrous metal sheets are used in chemical industries for making decorative items for making utensils etc. The sheets are produced from ingots and are rolled into sheets. A semi automatic process for its conversion into sheets has been designed. This is an improved process and is available in desired capacities.				
923	283	C	L	G	932	284	C	L/D	G
<b>WOOD WOOL BOARDS</b> Making wood wool boards at small scale level.					<b>CYCLE TYRES AND TUBES</b> This is an essential recurring requirement for bicycles.				
924	283	C	L	G	933	284	C	L/D	C
<b>MINI CLIMBING CRANE</b>					<b>WELDING ELECTRODES</b> The technology offered for the production of welding electrodes is for MS wires as well as for cast iron. It is a complete automatic unit with a capacity ranging from one tonne per day to eight tonnes per day. Higher capacity unit can also be designed on request. Training facilities are also available.				
925	283	P	L	C					
<b>ENERGY EFFICIENT GYPSUM CALCINATOR</b> The quality of gypsum plaster produced in the calcinator conforms to the Indian standards IS - 1288-1973, IS -2542 (PAT-1) - 1978 and IS-8272-1976, for different properties. Plaster produced is suitable for building industry, pottery, ceramic and surgical uses.									

Ref No. Org.No. Status Offer Source

934 284 C K C  
**HAND MADE PAPER** Production of high grade hand made paper and boards is done in a plant consisting of hollander beater machine, calendering machine, paper cutting machine, coaching trolleys, cylinder mould and vat, knife grinder, rag chopper, pulp handling equipments set. Uses waste cotton, old rags, waste cotton cloth, jute, caustic soda, bleaching powder etc. to get the finished product. Applications include packaging, file making, book binding, box making etc.

935 284 C L/D C  
**MOSQUITO REPELLENT** Rising mosquito menace has caused much concern all over the world.

936 284 C L/D C  
**PRINTING INK** Printing industry highly depends upon the quality printing inks. The main factors governing the use are its drawing and adhesion properties. The selection of chemicals in the production of printing inks are based on the type of machine and paper used. The technology offered is suitable for letter press ink used on flat bed, slow speed machines, web offset printing inks and for tin printing ink so produce conforms to Indian standards specifications and the desired capacity of the unit can be designed.

937 284 C L/D C  
**CONCRETE HOLLOW BLOCKS** Concrete hollow blocks are utilised for building construction and are much in use for the purpose. The machines for making hollow blocks are available in three categories.

Ref No. Org.No. Status Offer Source

938 284 C L/D C  
**WATER METERS** are used to measure the discharge or flow of water in the pipelines. There are basically two types of water meters. The inferential type (horizontal body) meter measures the velocity of flow from which the discharge is measured. Semi positive type meter records volumetrically practically down to zero of water passing through it.

939 284 C L/D C  
**DIE CALCIUM PHOSPHATE** is used as a fertiliser and is manufactured from bones or phosphate rock. It is also obtained as a by-product from the process for making gelatine from bones. A complete project for the manufacture of gelatine and dicalcium phosphate as a by-product is available. The process includes crushing of bones, treatment with sulphuric acid or HCL, curing and drying. This is a complete automatic process with minimum capacity of 5000 MTS per annum.

940 284 C L/D C  
**ALUMINUM DIE CASTING** Die casting is an art of producing accurate dimensions in articles by filling metal dies or moulds with molten metal. Die casting technique is one of the fast methods of metal shaping. Intricate and complicated shapes are cast into the finished component within a matter of seconds having close tolerances. Automobile parts, building hardware are main sectors of die casting applications.

941 284 C L/D C  
**HDPE WOVEN SACKS** Woven sacks have become a common utility item for packing cement and other dry products, industrial as well as domestic. The production process involves extrusion, weaving on circular knitting machines, cutting and printing. The unit is available in different capacities and can be designed to the desired capacity.

- | Ref No.  | Org.No. | Status | Offer | Source |
|--|---------|--------|-------|--------|
| 942  | 284     | C      | L/D   | C      |
| <b>TOILET SOAP</b>   |         |        |       |        |
| 943  | 285     | C      | E/D   | P      |
| <b>MINI CEMENT PLANT</b> A new process for the manufacture of cement using a vertical shaft kiln.  |         |        |       |        |
| 944  | 286     | C      | K/D   | G      |
| <b>ETHANOL FROM MOLASSES</b> Ethanol is a basic raw material for the production of many important chemicals and pharmaceuticals. The process has improved the characteristics of a strain of yeast, <i>Saccharomyces cerevisiae</i> , which convert molasses to ethanol most efficiently and economically. The strain has pronounced osmotolerant and ethanol tolerant properties. It tolerates high initial sugar level (25-30%) in the fermentation broth. |         |        |       |        |
| 945  | 287     | C      | K/D   | G      |
| <b>RUST CONVERTER</b> Finds application where rust prevention is important. The product is a simple two component system. The components are mixed in specified proportions 30 minutes before its usage. The mixture is applied to the rusted surface, free from loose rust which forms a protective coating. The product eliminates the tedious as well as costly methods of surface preparation and acts as an excellent base for normal painting.         |         |        |       |        |
| 946  | 287     |        |       | G      |
| <b>NICKEL - IRON BATTERY</b> The nickel iron rechargeable battery.   |         |        |       |        |
| 947  | 287     | C      | E/D   | C      |
| <b>MAINTENANCE FREE LEAD-ACID BATTERIES</b> used in emergency lights, portable torch and lantern and standby power supply (UPS) etc.   |         |        |       |        |
| 948  | 287     | C      | K/D   | G      |
| <b>MAGNESIUM - CUPROUS CHLORIDE WATER ACTIVATED BATTERY</b> is used in radios.   |         |        |       |        |

- | Ref No.   | Org.No. | Status | Offer | Source |
|---|---------|--------|-------|--------|
| 949   | 288     | W      | L     | R      |
| <b>IMPREGNATING PITCH FOR GRAPHITE ELECTRODES</b> Impregnating pitch is needed to densify graphite electrodes. The pitch was made from commercially available coaltar by squeezing out a certain range of molecular components by successive fractionisation, blending and thermal treatment. The approximate yield of the impregnating pitch is 40% on weight basis from coaltar.  |         |        |       |        |
| 950   | 288     | W      | L     | R      |
| <b>PITCH COKE</b> has been developed for use as a material for carbon products. The pitch coke based electrodes showed higher density, mechanical strength and nearly the same value of electrical resistivity. Superior properties of pitch coke were on account of better compatibility between the functional groups of the constituents. The pitch coke will be a better material for anode carbon in aluminium production. |         |        |       |        |
| 951   | 288     | W      | L     | R      |
| <b>DISTILLATION OF COALTAR</b> was done to prepare a precursor material which was used to prepare quality pitches containing less amount of primary quinoline in solubles which hinder the growth of graphitic structure, this being an avoidable ingredient of the raw material varying in size from a fraction of a micron to over 20 microns required special separating procedures filtration.                              |         |        |       |        |
| 952   | 288     | W      | L     | R      |
| <b>AVIATION GRADE BRUSHES</b> perform under the conditions of high altitude where humidity level is considerably reduced and normal metal graphite brushes are not suitable for operation. The brushes have been made as per designs. The technique followed is the production by powder metallurgy methods.  |         |        |       |        |

Ref No. Org.No. Status Offer Source

953 288 W L R  
**EXTRA FINE CONTROL NEEDLE VALVE**  
 These are of two types, 1) for pipe line mounting and 2) for panel mounting. These models of valves can be used for the accurately controlled supply of gases into a vacuum chamber in the pressure range below atmospheric pressure.

954 288 W L R  
**ENERGY SAVING DEVICES** 1. Electronic Capacitive Ballast. The make and break of contacts in starter provides the initial high voltage 'kick' for initiating discharge and the ballast stabilises current in the steady state. 2. Low Loss Fan Regulator. The speed regulator developed has the features of low loss and near unity power factor. 3. Timers. Night switch off lamps for street lighting applications.

955 288 W L R  
**HIGH FREQUENCY STANDARD CAPACITORS** These capacitors are of cylindrical design with air as dielectric. The design of the capacitors is such that their approximate values can be calculated from the dimensional measurements of various parts.

956 288 W L R  
**INDUCTIVE VOLTAGE DIVIDERS** It is based on auto-transformer principle. These serve as accurate and stable voltage ratio standards. These are used in precision AC grids, calibration of ratio transformers, attenuators, voltages, phase angles and impedances etc.

957 288 C L G  
**ELECTRONIC ENERGY SAVERS** such as electronic capacitive ballast.

Ref No. Org.No. Status Offer Source

958 288 W L R  
**BLACK STAMP CANCELLATION INK** It is used by the P and T department for cancellation of stamps, issues of receipts and maintenance of records etc. It is based on vegetable oil. The ink thus prepared is cheaper in cost and better in performance.

959 289 C K/D G  
**ANTIOXIDANTS TO IMPROVE DURABILITY OF BITUMINOUS MIXES** The used antioxidants in bituminous mixes is to achieve improvement in durability.

960 289 C K/D G  
**INDUSTRIAL WASTES FOR USE IN ROAD CONSTRUCTION** Coal, ash, Blast furnace slag in combination with lime and soil can be used as base course or sub-base course in road construction. These industrial waste materials are mixed with soil/lime when adequately compacted, possess adequate strength to sustain the load of traffic.

961 289 C L G  
**PRECAST CONCRETE BLOCK PAVEMENT (PCBP)** Hexagonal shaped interior blocks and pentagonal shaped edge blocks form the two precast paving components. They have provision for inter-connection. The blocks are plain on top and have ribs underneath. The components are paved on compacted sandy substrate and seated by vibratory compaction. PCBP finds use in construction of roads on sandy substrates for low volume traffic.

962 289 C K/D G  
**ANTIOXIDANTS TO IMPROVE DURABILITY OF BITUMINOUS MIXES** The anti-oxidants are used in bituminous mixes to achieve improvement in durability of bituminous roads. The major raw materials used are carbon disulphide, metal salts of antimony, lead, bismuth, di-butyl amine, dipropyl amine.

Ref No. Org.No. Status Offer Source

963 291 C K/D G  
**ELECTRODIALYSIS DESALINATION OF BRACKISH WATER** The process finds use in desalination, removal, recovery and concentration.

964 291 C L G  
**DESALINATION OF BRACKISH WATER** Used in providing drinking water in rural and costal areas where no fresh water is available.

965 293 C L G  
**LIGHT DUTY HYDRAULIC PROP** This is used as a roof support in mines.

966 294 P L G  
**HURRICANE LANTERN** Improved hurricane lantern, a tinplate assembled stormproof hurricane lantern burning kerosene on wick for indoor as well as outdoor applications. For domestic use and by defence forces. Very efficient lantern compared to conventional ones which produce sooty, distorted and flickered flame.

967 294 C L G  
**WICK STOVE** an improved capillary multi-wick fed type domestic kerosene stove. It has a thermal efficiency of 60% as compared to 45% available in the market. Fuel saving is of the order of 15%. Heating time to heat a specified amount of water has reduced appreciably in the improved design.

968 294 C L G  
**SULFOLANE** This is a solvent for extraction of aromatics.

969 294 C L G  
**IIP FILM BURNER** a fuel efficient lap film burner. Novel burner design 10 - 30% fuel saving over existing burners in various applications - heat treatment, forging, tea industry, ceramic industry, etc. Patented in India and UK. More than 5000 burners are in operation in India and Kenya. Bagged NRDC award in 1985.

Ref No. Org.No. Status Offer Source

970 294 W L G  
**LPG STOVES** an improved metal sheet chrome plated or of stainless steel body domestic stove for use with petroleum gases (LPG). It has a thermal efficiency of 72% as compared to the conventional one with 64% efficiency. Fuel saving in the improved design is of the order of 12.5%.

971 295 C L G  
**PLANT TISSUE CULTURE** The technique is used in mass production and propagation of specific plants and trees. Techniques for micropropagation have been developed for Turmeric, Pomegranate, Cardomom, Sugarcane, Eucalyptus and Teak. The technique allows production of disease free stock, new varieties and plants that are normally difficult to propagate. Plants can be propagated round the year not withstanding climatic constraints.

972 296 C L G  
**PROCESS INSTRUMENTS FOR PULP AND PAPER** Off line process instruments for rapid measurement of moisture content in paper. GSM gauge used to measure the basic weight parameter of paper in gms/sq.mt. Low consistency monitor used for measuring pulp consistency in the range of 0.1 - 1.0%.

973 297 C D U  
**THROUGH HARDENED BUSHES FOR EARTH MOVING EQUIPMENT** Heavy duty bushes are used for track chains in earth moving equipment. Development in our labs have resulted in significantly less wear of these heavy duty bushes, increase in load carrying capacity, longer life and hence considerable saving. It can be used by manufacturers of earth moving equipment. Our technology is already being used by industry and can be further licensed.

Ref No. Org.No. Status Offer Source

974 297 P D U  
**ENERGY EFFICIENT HYBRID AIR CONDITIONERS FOR YEAR ROUND USE** It combines evaporative cooling, mechanical cooling and a reverse cycle.

975 297 P L/D U  
**SINGLE ROLL CONTINUOUS SHEET CASTER** Continuous casting of sheets has been achieved for several metals/alloys. In the laboratory, sheets of width up to 10cm and thickness up to 5mm have been achieved. All the control parameters have been evaluated and the process can be scaled up for industrial plant usage. This process saves on cost and energy while giving a constant high quality product. It can be used by mini-steel plants, aluminium and alloy industry. Requires some collaborative work with interested industry for scaling up.

976 297 P L U  
**SLUDGE-FREE ELECTROMECHANICAL SPARK MACHINING** A new process called Sludge Free Electromechanical Spark Machining.

977 297 C D U  
**CERAMIC COATINGS FOR HEAT TREATMENT TO REDUCE OXIDATION** These coatings reduce oxidation of metal surface during heat treatment in furnaces by up to 98% at 1200 degrees C and also reduce carburisation substantially. This minimises dimensional changes, metal loss and surface roughness produced otherwise due to heat treatment. After the heat treatment is over, these coatings come off themselves. The cost is low and application is like a paint coating. These are useable with mild steel, stainless steels and tool steels. It can be used by all industries doing heat treatment of steels.

Ref No. Org.No. Status Offer Source

978 297 P L/d U  
**SYNTHESIS OF AROMATIC PERFUMES** A catalytic process using cobalt complex has been developed for the synthesis of aromatic perfumes.

979 297 P L/d U  
**CONTACT LENS AND DRY EYE SOLUTIONS** Complete compositions/recipes for contact lens and dry eye solution have been developed.

980 297 P D U  
**WHITE CEMENT FROM RICE HUSK** This is a real solid-state reaction cement.

981 298 P L/D C  
**80 TON HORIZONTAL COLD CHAMBER PRESSURE DIE CASTING MACHINE** The machine has a maximum locking force of 250 tonnes.

982 299 C L C  
**ROUTER MACHINE** This machine is suitable for wood working jobs, like recessing, grooving, mortising and profile shaping. This machine is ideal for making handles, radio cabinets, shutters, French curves and is electrically driven by a 3 HP motor with belt or gear and has a fixed or tilting head.

983 259 C L C  
**25 TON PRESS BRAKE** The press brake is suitable for furniture up to 16 gauge sheets. Variety of operations such as cutting, bending angle and channel forming, curling, corrugating, flanking, hammering, seaming flatter, punching, blanking and straightening can be carried out. The capacity of the machine is 25 ton with 5 HP electric motor and 1830mm long sheets.

Ref No. Org.No. Status Offer Source

984 299 C L C  
**SEED CUM FERTILISER DRILL**  
 Specifications: 1) Overall dimensions - 70" x 25" x 30" 2) Weight - 115 Kg 3) The fertiliser is fed by a rotating agitator and the seed by a rotating nylon brush 4) Furrow openers - two rows of five furrow openers each 5) Capacity - rear hopper for seed: 0.8 cu ft. 6) Adjustment of furrow openers - vertical max 6" in 13 steps of 1/2" each 7) Drive - By two bullocks, one each on either side of the detachable yoke which is of tubular steel.

985 299 C L C  
**UNIVERSAL PUNCHING AND SHEARING MACHINE** This is a unique machine for sheet metal units or fabrication work.

986 299 C L C  
**POWER SHEAR** It is used for shearing metal jobs.

987 300 C L/D C  
**BEAM CUTTING PRESS** The technology is for an electro hydraulic travelling hard cutting press.

988 300 C L/D C  
**ELECTRO HYDRAULIC SWING ARM CLICKER** This machine is suitable for clicking uppers soleleaser and user materials like hard board, paper, PVC closed etc. The cutting force is 22 tonnes and swing arm width is 460 mm. The machine works with a 3 HP motor.

989 311 P L C  
**METERING/DOSING PUMPS** These pumps are used for transferring a specified quantity of fluid in Petro/Chemical plants. Plunger or Hydraulically Actuated Diaphragm Type suitable for low capacity and high pressure application.

Ref No. Org.No. Status Offer Source

990 312 P L C  
**CONVEX CALCINATION** technology is unique worldwide to calcine powderous gypsum with low specific consumption of utilities and offers a wide range of gypsum products with attractive techno-economic virtues for precast building material. The products facilitate speed of construction at low labour input. The technology contributes to global objectives like waste utilisation and pollution abatement.

991 312 C L R  
**FAL - G CEMENT** is a ground blend of fly ash, lime and calcined gypsum devoid of sintering/clinkerisation and consumes about 20% of thermal energy when compared with OPC. Using FAL-G cement, concrete/mortar grades can be developed in parallel to OPC with about 40 - 50% cost effectiveness. FAL-G cement is formidable for massive fly ash utilisation.

992 312 P L C  
**FAL - G BRICK/BLOCK** technology is a break through in fly ash utilisation scenario and avoids of energy intensive processes like sintering and autoclaving. FAL-G brick is lighter, 3-4 times stronger than conventional clay brick, cost effective and contributes to top soil conservation and ecological balance. FAL-G substitutes OPC and is amenable for production of concrete block with parallel technology.

993 313 C L P  
**ANTI POLLUTION DISPERSANT SPRAY SYSTEMS FOR OILS SPILLS** on sea surface.

994 315 C L P  
**AGRICULTURAL MACHINERY** Specialist in harvesting and threshing machinery, such as wheat paddy and multicrop threshers, self propelled reapers etc. Material, steel construction by fabrication.

Ref No. Org.No. Status Offer Source

995 316 M L U  
**BASIN LISTER** The tractor drawn Basin Lister is an attachment to the tractor which forms basins in the field. This retains rain water which helps to conserve the dry tracts and covers 2 HA/day.

996 317 F L/J P  
**LEAF CUP MAKING MACHINE** for making elegant, hygienic and eco friendly cups. Size 100mm to 300mm any shape. Machine operated by kerosene or electricity. Ideal for women and government employment programmes.

997 319 P L C  
**CNC WIRECUT EDM - MACHINE TOOL 4**  
 Axis CNC wirecut EDM - machine tools: Rigid fabricated C-type construction. XY slides guided on LMG with precision ball screw. 300 mm x 400mm traverse 1 micro m resolution. UV table with ball screw, stroke +/- 15mm. Microstepper divs for XY UV. Wire drive with 5kg wire spool. Programming system on IBM-PC/AT compatible.

998 320 C L C  
**METAL FINISHING PLANT: EQUIPMENTS AND CHEMICALS METAL FINISHING PLANTS AND EQUIPMENTS AND CHEMICALS** Manufacture of manual semi-automatic and fully automatic metal finishing plants and equipment and chemicals.

999 321 F L C  
**FLAME PROOF ELECTRIC MOTORS 1/3 HP, 1/2 HP and 3/4 HP** single phase 220/230 V 50 HZ suitable for applications like petrol dispensing pumps and chemical factory machines, industrial sewing m/c motors. 1/4, 1/3, 1/2 HP single phase 220/230 V 50 HZ suitable for garment units.

1000 322 C L/J P  
**WIRE DRAWING M.S. wires from wire rods** 8mm to 1.4mm Complete plant and know how on turnkey basis available.

Ref No. Org.No. Status Offer Source

1001 323 U L P  
**DIESEL PUMP SERVICE STATION** Setting up of Diesel Pump Service Station for servicing of all types of diesel fuel pumps and nozzles.

1002 324 C L/J C  
**LINK CHAINS** Know-how for production of welded steel link chains for agriculture, fishing, load lifting, transport, conveyors and other special applications. Can supply complete plant and machinery or assist procurement elsewhere. Train personnel in operation or alternatively provide initial operatives for training and starting of operations.

1003 326 U L/J P  
**SURGICAL DRESSINGS** We are the manufacturers and exporters of surgical dressings. We are in the field for 45 years, exporting worldwide. Interested to offer technical know-how/joint venture.

1004 327 P D C  
**AIR SEPARATION AND ACETYLENE PLANT**  
 The product line: Air separation plant, Heat exchangers, cryogenic liquid pumps and stainless steel fabrication.

1005 327 C L/J C  
**PRODUCTION OF OXYGEN/NITROGEN FROM ATMOSPHERE** Oxygen/Nitrogen produced by drawing air from atmosphere, compressing it in air compressor and then expanded (Jule Thompson effect) to liquify the air. Subsequently by fractional distillation, oxygen and nitrogen are separated out to desired purity. Acetylene gas is produced by reaction of water with calcium carbide in a generator.



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1006	328	P	L	C
<b>WAX MATCH MANUFACTURING PLANT</b>				
Asia match manufacturing are the largest manufacturers of safety matches in India. They also fabricate machinery for manufacturing wax match factory for the interested industrialists with complete set of machinery and offer technical know how right from conception to delivery. It is a turn key project. Use of timber is totally avoided in the process.				

1007	329	P	L	C
<b>ACTIVATED LIME POZZOLANA MIXTURE (ALPM)</b>				

1008	330	C	L/J	C
<b>SHREDDING MACHINE</b> A novel design of destruction for papers up to thickness of 10mm bundle with cross cut bits of 4 x 5 mm, requires no operator skill, can work on paper with staples/pins and have enough safety.				

1009	331	C	L/J	C
<b>GROOVED PINS</b> This technology is offered only for export, for complete manufacture of Grooved Pins. A fastener as per DIN .369 to 1476. Used in machinery, automobiles, textile machinery, industrial valves etc.				

1010	333	C	L/J	C
<b>WELDED STEEL PIPES</b> GI and high frequency welded made out of HR and CRCA mild steel in both black and hot dipped galvanised qualities with or without threads and sockets used in the water service, irrigation, industrial liquid flow and other industrial uses. It has longer durable life than any other pipe used.				

1011	333	P	D	C
<b>STEEL PIPES AND TUBES</b> The product lines: Black steel tubes and pipes, Galvanised steel pipes, cycle pipes and furniture pipes etc.				

Ref No.	Org.No.	Status	Offer	Source
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1012	333	F	L/J	C
<b>STEEL LANCING PIPE</b> high frequency welded made out of H.R. or CRCA mild steel in black or hot dipped galvanised qualities with threads and sockets used for blowing oxygen or any other gas in steel smelting furnaces and suitable for other industrial purpose high pressure tested consumable products of various smaller inner diameter.				

1013	333	C	L/J	C
<b>STEEL CONDUIT PIPES</b> high frequency welded made out of H.R. or C.R.C.A. mild steel in black or hot dipped galvanised qualities with thread and socket and other accessories used in concealed electrical wiring. Life long and durable conduits used in every building construction, the fire proof quality is important for houses and industries.				

1014	334	C	L/J	C
<b>COLLAPSIBLE TUBE</b> We offer turnkey project of collapsible tube manufacturing.				

1015	335	P	L/J	P
<b>PAPER PINS AND GEM CLIP</b> production can be undertaken in your country with our joint venture assistance. Complete plant on turnkey basis with pre-production runs can be undertaken.				

1016	336	P	L	C
<b>INDUSTRIAL FURNACES FOR VACUUM FLUIDISED BED</b>				

1017	337	C	L/J	P
<b>DETERGENT AND CLEANING FORMULATIONS</b> Low cost manufacture of detergent and cleaning formulations such as laundry detergent powder, multi-purpose liquid cleaner, car shampoo, rugs shampoo etc. Project can be started with a low investment of RS. 50,000 to RS.100,000.				

- | Ref No.  | Org.No. | Status | Offer | Source | Ref No.   | Org.No. | Status | Offer | Source |
|--|---------|--------|-------|--------|---|---------|--------|-------|--------|
| 1018   | 338     | C      | L     | C      | 1024  | 338     | C      | L     | C      |
| <b>WELDING ELECTRODES</b> suitable for welding all types of alloy steels, hard facing, castings and stainless steels. Electrodes ranging from diameters of 2.5 to 5mm as per AWS classification and suitable fluxes for the manufacture of the above electrodes.   |         |        |       |        | <b>PLASTIC INJECTION MOULDING MACHINE</b> Plants for PVC pipes with twin screw extruders, PVC wire coating plants with single screw extruders and PVC palletising and automatic plastic injection moulding machine with adjustable mould opening strokes with mould locking force ranging from 130 tonnes to 400 tonnes.  |         |        |       |        |
| 1019   | 338     | C      | L     | C      | 1025  | 338     | C      | L     | C      |
| <b>CNC LATHES</b> Ideal for training operators on principles of CNC turning by programming of aluminium and brass. Useful for production of small components pertaining to electronic instruments and electrical appliances. Specification: centre height - 70mm, centre distance- 310mm, CNC system: 2 axis continuous path computer numerical control system.              |         |        |       |        | <b>HACKSAW BLADES</b> Hand hacksaw blades for manual operation and power hacksaw blades for machine operation. Hand hacksaw blades can be manufactured from low alloy steel, high carbon steel and high speed steel. Machine hacksaw blades from high speed steels. Size range : length 300mm to 600mm, width 12.5 to 40mm, thickness 0.63 to 2mm, pitch 0.8 to 4mm.. |         |        |       |        |
| 1020   | 338     | C      | L     | C      | 1026  | 338     | C      | L     | C      |
| <b>WATCHES (LADIES AND GENTS)</b> Mechanical versions which are hand wound, automatic and with day and date displays as well as quartz analog and digital. Gold plated, stainless steel as well as multi-coloured plastic appearance parts. Attractive and trendy dials and fashion designs. Wide range of models to cover rural, urban, youth, fashion conscious clientele. |         |        |       |        | <b>PRINTING MACHINES AND PRINTING UNITS</b> Letter press printing machines, single colour sheet fed offset printing machines, two colour sheet fed offset printing machines for doing excellent job on packaging material, labels, cartons and book covers of varying sizes and thicknesses and even in four colours.   |         |        |       |        |
| 1021   | 338     | P      | D     | C      | 1027  | 338     | C      | L     | C      |
| <b>MACHINE TOOLS</b> The product includes various types of machine tools used by engineering industries.   |         |        |       |        | <b>METAL CUTTING AND METAL FORMING MACHINES</b> Wide variety of metal cutting and metal forming general purpose machines covering turning, milling, drilling, boring, grinding, broaching, gearing, presses and press brake machines of proven performance, rugged construction, based on the state-of-the-art technology acquired from world leaders over the years. |         |        |       |        |
| 1022   | 338     | C      | L     | C      |   |         |        |       |        |
| <b>BEARINGS</b> Single row ball bearings, single and double row cylindrical roller bearings, tapered roller bearings and custom built bearings both in metric and inch sizes conforming to international standard sizes  |         |        |       |        |   |         |        |       |        |
| 1023   | 338     | C      | L     | C      |   |         |        |       |        |
| <b>LAMP MAKING MACHINERY</b> and technology for manufacturing lamps 15W to 200W, 110V to 250V technology and total turnkey project for small units at a production rate of 750 lamps/hour and for large production rate of 2000 lamps/hour.  |         |        |       |        |   |         |        |       |        |

Ref No. Org.No. Status Offer Source

1028 338 C L C  
**CNC MACHINES** CNC turning centres, CNC machining centres, CNC cylindrical grinders, flexible machining cells and robots. Machines of proven performance, rugged construction, latest CNC control system based on the state-of-the-art technology acquired from world leaders. Hard-ware and specific software for the CNC control system and the machine tools available.

1029 338 C L C  
**TRACTORS** useful for all types of terrain, soft, medium, hard and hard soils of farm lands. Also suitable for variety of other applications like hauling, dozing the land, harvesting crops etc. Available in engine horse power capacities of 25, 35, 45 and 59 and twelve speed, with hydraulic brake.

1030 342 P L C  
**TEXTILE DYING AND PRINTING** Offer high tech textile dying and printing both ordinary and screen printing of cotton and polyesters. Product claims not only safe but also fast colours and high get up.

1031 343 C L C  
**JEANS, FABRIC BAGS, CHILDREN'S JEANSWEAR** We make jeans, fabric bags and children's jeanswear. We can offer this know how for small scale manufacturers anywhere in the world. Included in this is the ability of creating jeans fabric on a very simple textile machine.

1032 344 F L C  
**PINCH VALVE SLEEVES** These are made in rubber and polyurethane and are used in control devices for bassing equipment.

1033 344 F L C  
**CASTOR WHEELS AND SOLID TYRES** The entire range of castors in steel lined with rubber and solid tyres of rubber are offered.

Ref No. Org.No. Status Offer Source

1034 344 F L C  
**RUBBER ROLLERS** Technology for all types of rollers used in textile, paper processing in materials such as ebonite, natural rubber, nitrile and neoprene rubbers is offered.

1035 344 F L C  
**TEXTILE COTS AND APRONS** Nitrile antistatic cots and aprons for textile spinning are offered the product is used on spinning machines, drawframes, converters, texturising machines.

1036 344 F L C  
**RUBBER SHEETING** Rubber sheets find applications in a wide range of industries. Technology is offered for the entire range of rubber sheeting.

1037 344 F L C  
**PRESS TOOL DIES AND SPRINGS** Polyurethane and neoprene rubber buffers are used on forming tools and ejection springs for press tools.

1038 344 F L C  
**EBONITE RODS AND SHEETS** This natural rubber product is used in fountain pens, for electrical insulation boards, plugs and sockets. Technology for the same is offered.

1039 344 F L C  
**BRIDGE BEARING PADS IN NEOPRENE** Process and knowhow is offered for the selection and manufacture of PADS. The company was at one time one of India's largest manufacturers.

1040 345 C K P  
**DUAL MEDIA FILTER AND WATER DEMINERALISERS** Filters remove suspended solids up to 1000 ppm. Demineralisers remove dissolved mineral from water. Filters are used in filtering canal, river and muddy water of high suspended solids. Demineralisers are used in pharmaceuticals and chemical laboratories.

Ref No. Org.No. Status Offer Source

1041 347 C D P  
**AIR PLASMA CUTTING MACHINES** These machines make use of compressed shop air and electricity to cut all metals such as M.S., S.S., copper, brass, aluminium, monel and many others. Machines are available for cutting thicknesses up to 150mm. The cutting speed is almost 4 to 10 times faster and operating cost is just half of conventional methods of cutting.

1042 351 C D P  
**AMMONIUM NITRATE BLASTING GRADE** Complete technology available for manufacturing ammonium nitrate blasting grade used in all kinds of mining industries, cement factories etc. particularly for developing countries.

1043 352 C D L  
**WELDING AND DRAWING OF STAINLESS STEEL PIPES** Complete technology and machinery for manufacture of SS pipes (TIG welding continuous) and the drawing of SS pipes including coating, decorating, annealing, quenching. Stainless steel has a variety of uses and is a very viable project for developing countries as it is used extensively in food, chemical, petrochemical, fertilizers, oil sector as also for furniture/interior decorating process.

1044 353 C L G  
**ISRO DRY POWDER** Metal fires involving reactive metals can be effectively extinguished using ISRO dry powder, a ternary eutectic composition, which readily fuses on the surface of burning metal, preventing the air supply for combustion. It is effective against oil fires as well.

Ref No. Org.No. Status Offer Source

1045 354 C L/K C  
**SODIUM/POTASSIUM CHLORATES, PERCHLORATES AND HYPOCHLORITES** Starting from sodium chloride or potassium chloride to produce chlorates caustic soda and chlorine to produce hypochlorites, lime and chlorine to produce stable bleaching powder. The plant(s) can be designed for small to medium size pollution free units.

1046 354 C L/K C  
**FORMALDEHYDE** technology produces various grades of formaldehyde starting from methanol for small to medium sized plants at a highly economical cost. The design incorporates high yield, energy conservation and pollution control measures.

1047 354 C L/K C  
**WATER TREATMENT CHEMICALS** Water Treatment Chemicals - alum, ferric chloride. Alum is produced from bauxite and sulphuric acid, whereas Ferric Chloride is produced from iron chips and chlorine in a reactor. Both units can be designed from small to large size economically.

1048 354 C L/K C  
**SOAP AND DETERGENTS** Small to medium size soap and detergent plants on turnkey basis are offered to produce toilet soap, washing powders alpha olefin sulfonate, LAB sulfonate etc. to meet specific requirements of clients on highly reduced capital and operating cost basis. Raw materials required are spent lye from edible oil refinery, FFA, LAB, alpha olefin etc.

1049 354 C L/K C  
**POLLUTION CONTROL UNITS** pollution control/environmental engineering units to treat gaseous, liquid and solid effluents/wastes from wide range of sources to meet stringent pollution control limits/laws before discharging. Technology emphasizes the concept of recovery of by-products/saleable products from effluent streams so as to reduce the overall cost of pollution control units, at highly competitive price.

Ref No. Org.No. Status Offer Source

1050 354 C L/K C  
**NITROCHLOROBENZENES**  
 Nitrochlorobenzenes: Ortho, meta and para Nitrochlorobenzenes. Uses: Dyes agrochemicals, and as an intermediate for other chemical manufacturing. Raw materials: Chlorine and Benzene, process involves chlorination of benzene to monochlorobenzene and then nitration in the presence of mixture sulphuric/nitric acid to nitrochlorobenzenes and then separation into ortho, para and meta nitrochlorobenzenes.

1051 354 C L/K C  
**PARTICLE BOARD** small to large size plants to produce particle board from woodwaste, bagasse and medium density fireboard plants based upon agriculture residue cotton and insulation board to meet a wide variety of requirements of building industry at a highly economical price.

1052 354 C L/K C  
**WATER TREATMENT PLANTS** technology for treating raw water from river/tubewell etc. to meet various requirements of industrial processes such as filter water, OM water, boiler feed water, cooling water, chilled water etc. and to reuse waste water for zero discharge using conventional as well as new process technologies for small to large scale units at a highly economical price.

1053 354 C L/K C  
**PAPER MILLS** technologies to set up small to medium sized pulp and paper mills to produce writing and printing and certain speciality papers based upon combination of raw materials e.g. waste paper, agriculture residues, woodchips, bagasse and cotton rags. The paper mills are highly economical and pollution free.

Ref No. Org.No. Status Offer Source

1054 354 C L/K C  
**MAGNESIUM METAL** Raw material: Sea water rich in magnesium content. Location: Near to sea coast. Uses: Alloy for structural/ auto etc. Process: Suitable for medium size plants incorporating highly efficient energy process and pollution free unit. Flexible to design for various capacities to suit country's specific requirements.

1055 355 C L C  
**ELECTRONIC BALLAST FOR FLUORESCENT TUBES** electronic ballast developed and commercialised can avoid losses to an amount of 15W to 18W in a typical 40W tube resulting in 40% excess power consumption. 18% of India's annual consumption and 10% of total consumption is used for fluorescent lighting. Central Power Research Institute Bangalore has certified its efficiency and performance.

1056 355 C L C  
**ELECTRONIC VOLTAGE DETECTOR** consists of device incorporating solid state circuitry with light emitting diode indication. Works on 3V DC (2 pen torch cells) with very low power consumption. (Life of cell more than 6 months). It is a portable unit with handle housed in a durable plastic casing. It can be used by electrician linesmen and other electrical industries. It detects AC voltage without physical contact with voltage bearing solid units wires or cables.

1057 355 C L C  
**ELECTRICIAN KIT** It contains 17 quality hand tools compactly packed in PVC carrying case cut out for every location. Kit can be used for domestic wiring. Electronic voltage detector checks the presence of AC mains without physical contact.

Ref No. Org.No. Status Offer Source

1058 356 C L C  
**ANALOG TEMPERATURE INDICATOR CONTROLLER (PANEL TYPE)** This temperature controller can be used for controlling the temperature of furnace, oven, extruder machines or any other machine, where temperature is to be controlled with present value. The controller indicates the actual temperature at any instant and can make on/off operation of any external contactor for switching the heater on/off. Range of the controller can be extended. Range: 0 - 400 C, accuracy 1C. Power supply 230 volts 50c/s single phase. Sensor: thermocouple

1059 356 C L C  
**PVC EXTRUDER** This machine is suitable for coating of PVC on copper or aluminium. Conductor required for domestic and industrial purposes. Micro processor based. D.C. motor has been incorporated with the machine for higher efficiency range from 45mm, 65mm and 90mm. Power required: 10KW - 440 Volt 3 phase 50 c/s. Extrusion capacity 20 kg/hr to 160 kg/hr. Dia of coated wire: 2.8mm to 35mm Production capacity: 3 to 100 m/minute

1060 356 C L C  
**TOOL KITS** for bamboo and cane processing for cottage industries have been developed. Tool kit for rural artisan service mechanic has also been developed. Both the tool kit sets are made from best quality raw material with proper manufacturing process under strict quality control.

Ref No. Org.No. Status Offer Source

1061 356 C L C  
**ELECTRONIC THICKNESS GAUGE** This electronic thickness gauge can be used as an in-line equipment with cable manufacturing machine or sheet or round bar manufacturing machine. The equipment gives alarm indication to the operator of the machine when there is any deviation from the desired value. Deviation is indicated in the thickness gauge in both the positive and negative values as per actual value compared to stat. value. Range: 0-25mm, Deviation range: -0.3mm to +0.3mm, Power supply: 230 volts 50 c/s single phase.

1062 356 C L C  
**HIGH SPEED 45MM EXTRUDER AND WIRE COATING MACHINE** It is suitable for telephone wires with very high pulling speed of 400 - 500 metres per minute. Microprocessor based DC motor incorporated. Power: 10KW 400 volts 3 phase - 50c/s. Dia of coated wire: up to 1.00 mm. Production capacity: 165 to 500 m/minute

1063 357 C L C  
**UNIVERSAL TOOL AND CUTTER GRINDER MODEL - 051** This is an ideal machine for economic production and maintenance of all types of cutting tools. The machine is with following broad specifications: Longitudinal table traverse - 400mm. Cross table traverse - 250mm. Vertical adjustment of knee - 225mm. Max. length for cylindrical grinding - 220mm. Max. dia ground between centres - 250mm. Spindle speeds - 3000 and 6000 rpm. Motor - 0.8 Kw. Weight - 650 kg approx. The machine is provided with special accessories to handle a wide variety of tools.

Ref No. Org.No. Status Offer Source

1064 357 C L C

**TOOL ROOM LATHE MODEL** The machine is ideally suited for turning tool room and other precision components. When supplied with a range of accessories it is very versatile and indispensable for any precision engineering industry. The machine is with the following broad specifications: Distance between centres - 800mm. Swing over bed - 280mm. Spindle speeds - 16 speeds (35 to 1600rpm). Motor 2 speeds - 1/1.5 HP 750 - 1500 rpm. Weight - 450 Kg approx.

1065 357 C L C

**TOILET SOAP MAKING PLANT** It is a process of manufacturing the toilet soap cake by the small unit with the help of plant consisting of the following five machines. 1) Amalgamator, 2) Roller Mill, 3) Plodder, 4) Cake Cutter, 5) Stamping Machine. The simple operation and easy maintenance has been a special feature of these machines. The plant is capable of producing 1500 cakes of 100 gm each per shift of 8 hours. The plant is under regular production and about 300 such units have been sold so far.

1066 357 P L C

**UNIVERSAL MILLING MACHINE MODEL 102** The machine is most useful for single and mass production of precision components. The accuracy of the machine conforms to ISI Grade 1. The machine with all its accessories is very useful for modern light engineering industry. The machine has the following broad specifications: Length and Width of table - 200 x 160mm. Longitudinal traverse - 300mm. Table swivel - 20 degrees either side. Spindle morse taper - No. 3. No of speeds - 12 (100 - 1250 rpm). Motor - 1.1 Kw.

1067 358 C K P

**CORE OILS** Extensively used in foundry for mixing tanks capacity 10 ton per batch with stirrer heating coils. Power 10Kw, 50c/s. Projected cost Rs.2 lakhs.

Ref No. Org.No. Status Offer Source

1068 358 C K P

**NO BAKE RESIN** It finds extensive use in foundry, stainless steel reactor with stirrer, column, condenser, vacuum pump, flame proof meter, water circulating pump, cooling tower, and thermax heating system. Investment 30 lakhs Power 100 Kw single phase 220 V.

1069 358 C K P

**CORE AND MOULD WASHES** Extensively used in foundry. Capacity 0.5 ton per batch. Power 10 Kw. Total cost Rs. 2 Lakhs. Exothermic compound can also be manufactured capacity 200 kgs per batch. Power 5 Kw 220 volts, 50 c/s.

1070 359 C J/K P

**IMPULSE SEALING MACHINES** Impulse Sealer sealing machines are designed for a regular production. So no maintenance, easy to operate by unskilled worker. Sealing material is placed between two jaws and the handle/paddle pressed for a few seconds to seal it completely. Sealing electrode covered by teflon/silicon tape for leakproof sealing (for liquid and metallised material only). The electronic circuit control impulse to seal the required different material by pre-setting (as per thickness).

1071 367 P L C

**CENTRIFUGAL PUMPS** The technology involves manufacture assembly and testing of centrifugal pumps used in chemical and other process industries. The pumps are designed and built as per ISO -2858/DIN 24256 specification, and generally conform to API - 610. They have a delivery size range of 25 - 150mm, heads up to 150mm, capacity up to 150 l/s and a motor power ranging from 2.2 - 7.5 Kw. The technology is modern, easily adaptable and to have a low production cost.

- | Ref No.   | Org.No. | Status | Offer | Source | Ref No.   | Org.No. | Status | Offer | Source |
|---|---------|--------|-------|--------|---|---------|--------|-------|--------|
| 1072  | 368     | C      | K     | P      | 1078  | 374     | P      | D     | C      |
| <b>PRECISION COLD FORGING OF NUTS</b> The technology pertains to the precision cold forging of nuts, suitable for electrical appliances, as well as electronic, telecommunication and automotive equipment. The technology employs wire drawing machines, cold nut forming and tapping machines, lathes and drills.         |         |        |       |        | <b>SUBSTITUTION EQUIPMENT</b> The technology offers: 1. Material handling equipment 2. Bus-bar system for all types 3. Hydraulic unipurpose cranes  |         |        |       |        |
| 1073  | 369     | P      | K     | C      | 1079  | 375     | P      | D     | P      |
| <b>SEMI-AUTOMATIC TIN CONTAINER PLANT</b> The technology offers to set up, on a turnkey basis, semi-automatic plants for manufacturing tin cans. The technology has the full range of machinery that could meet the container requirements of various industries such as edible oil, paints, cosmetics and pharmaceuticals. |         |        |       |        | <b>ENGINEERING</b> Product lines : 1) M.S. tanks, 2) Concrete mixers, 3) Stainless steel stirrer, 4) Stainless steel cooling and heating coils, 5) Machine components (propellers, gears, shafts), 6) Shaft bearing housing.              |         |        |       |        |
| 1074  | 370     | P      | D     | P      | 1080  | 376     | P      | D     | C      |
| <b>CONSTRUCTION AND FABRICATIONS</b> Services offered are : 1. Mechanical construction and erection 2. Drilling workd for ONGC 3. Fabrication of the off shore structure. project engineering management.   |         |        |       |        | <b>STEEL PRODUCT LINE :</b> 1) Mild steel, 2) Spring steel, 3) Stainless steel etc. of all grades.  |         |        |       |        |
| 1075  | 371     | P      | D     | P      | 1081  | 377     | P      | E     | C      |
| <b>TEXTILES, SILK AND REELING COIR</b> The main products are : 1. Machinery for coir industry 2. Silk industry 3. Handloom, powerloom and preparatory machines  |         |        |       |        | <b>AUTOMATIC PACKAGING MACHINES</b> The technology offers : 1) Automatic and semi-automatic filling machines for filling all types of powders, flakes etc. 2) Various types of coding system, 3) Machines for tooth brush, shaving brush. |         |        |       |        |
| 1076  | 372     | P      | D     | C      | 1082  | 378     | P      | D     | P      |
| <b>WATER METERS</b> The technology offers various types of water meters of size 15mm, 20mm, 25mm, 40mm and 50mm and its componen:-  |         |        |       |        | <b>C.I. CASTINGS</b> are the main product of the company.   |         |        |       |        |
| 1077  | 373     | P      | D     | C      | 1083  | 379     | P      | D     | C      |
| <b>TURBINE ARCA EQUIPMENT</b> the product lines are : 1) Steam turbine, 2) Engineering instructional equipment, 3) Pressure reducing valves and desuperheating plant.   |         |        |       |        | <b>HIGH TENSILE FASTENERS</b> The product line : Standard high tensile fasteners. By products : 1. Eye hand slides 2. Double ended slides.  |         |        |       |        |
|   |         |        |       |        | 1084  | 380     | P      | D     | P      |
|   |         |        |       |        | <b>GEAR BOXES AND VALVES</b> The product lines: Special type of gear boxes and industrial valves, submersible pumps etc.  |         |        |       |        |
|   |         |        |       |        | 1085  | 381     | P      | D     | P      |
|   |         |        |       |        | <b>SOAP/DETERGENT MANUFACTURING EQUIPMENT</b> The product lines: Paint ink machinery, Soap and detergent machinery, tooth paste plants.   |         |        |       |        |



Ref No.	Org.No.	Status	Offer	Source	Ref No.	Org.No.	Status	Offer	Source
1086	382	P	D	P	1094	393	P	D	C
<b>TEXTILE WET PROCESSING MACHINERY</b> The product lines: Cloth shearing machine, Bleaching machine, Jet dyeing machine and Chainless mercerisers.					<b>PIPING SYSTEM</b> The technology offers fibre pipes mainly for, sewage, drainage, effluent disposal and irrigation.				
1087	384	P	D	C	1095	395	P	C	D
<b>ENGINEERING AND MINING CONSTRUCTION</b> The product lines offered : Pile foundation, Mining and Diaphragm walls.					<b>INSULATING AND ENGINEERING MATERIAL</b> The product lines: alloy steel castings, stainless steel ingots, M.S. ingots. As by products the company is producing patti, patra flats, bones, tumpets.				
1088	386	P	D	P	1096	396	P	D	P
<b>SHEET METAL MACHINERY</b> The product lines : Sheet folding machines, Sheet roll bending machines and Hydro mechanical press brakes.					<b>PLASTIC EXTRUDING AND ALLIED WORKS</b> The product lines are, plastic extruders and automatic machines for PVC cables and flexible wire drawing.				
1089	388	P	D	C	1097	397	P	D	C
<b>CONTROL SYSTEMS</b> The product lines: Centrifugal and axial blow fans, cyclone bag filters and weight scrubbers.					<b>ALUMINIUM EXTRUSION</b> The technology offers aluminium extrusion, while as by products it has billet casting, extrusion dies and extrusion machinery.				
1090	389	P	D	C	1098	398	P	D	C
<b>INDUSTRIAL PIPELINE VALVES</b> The technology involves production of industrial pipe line gate, globe, check valves and also servicing of valves and flanges and fittings.					<b>METAL HANDLING EQUIPMENT</b> The product lines : chain pulley block, electrical hoists, trolleys and cranes.				
1091	390	P	D	C	1099	399	P	D	C
<b>CRANES AND HOISTS</b> The product lines are : Cranes, Electric hoists, Gates and Hoists. These machines are used by steel plants, railways, irrigation projects etc.					<b>MECHANICAL SEALS</b> The product lines : mechanical seals for pumps, mechanical seal for reactor and autoclaves.				
1092	391	P	D	P	1100	400	P	D	C
<b>DIESEL ENGINES</b> The product includes diesel engines and pump sets which are used for pumping water for agriculture, generating power supply and concrete mixers.					<b>STEEL FOUNDRY</b> The product lines: Steel castings, castweld assembly and fabrication.				
1093	392	P	D	P	1101	401	P	D	P
<b>HAND TOOLS</b> The products include: Precision gears, steel and nylon strapping machines.					<b>VACUUM EQUIPMENT</b> The technology offers vacuum equipment which are used by the industries manufacturing electric bulbs. The product line includes vacuum pumps.				
					1102	403	P	D	C
					<b>INDUSTRIAL BOILERS</b> The product lines: Industrial boilers, water treatment plants and pressure vessels.				

Ref No. Org.No. Status Offer Source

1103 404 P D C  
**MINI CEMENT PLANTS** The product lines : mini cement plants 20 TPD to 200 TPD, heat exchangers super phosphate and sulphuric acid plants.

1104 405 P D C  
**ENGINEERING EQUIPMENT** The technology offers know-how which is used for the removal of moisture, blanketing, annealing, brightening of steel in A.O.D. process. The technology offers molecular sieves based pressure/swing absorption oxygen gas generators, PSA nitrogen gas generators and compressed air drying units.

1105 406 P D C  
**MACHINERY** The product lines: The tile factory machinery for manufacturing clay based tiles, bricks and flooring. Printing machines.

1106 407 P D C  
**STEAM DISTRIBUTION ENGINEERING PRODUCT** The product lines: Steam generation and distribution equipment, process control instruments and system for temperature pressure.

1107 408 P D P  
**HYDRAULIC PRESS** The technology offers hydraulic press for use in plastic moulding, deepdrawing for LPG cylinders.

1108 409 P D C  
**CENTRIFUGES, MIXERS AND TEXTILE REELERS** The product lines: centrifuge, S.S. equipment for chemical and other industries, Signoria mixers and silk reeling machinery.

1109 411 P D C  
**NON-FERROUS CASTING** The technology offers non-ferrous casting. The quality of product conforms to national standard. The product line: copper alloy components.

Ref No. Org.No. Status Offer Source

1110 412 P D P  
**VAPOUR DRESSING PLANTS** The product lines: vapour dressing plants, sand blasting machine and cyclone separator/bag filters.

1111 413 P D C  
**POWER DRIVEN PUMPS** The product lines : vertical submerged pumps, horizontal centrifugal pumps and motor submersible sewage pumps.

1112 414 P K/E C  
**ALUMINIUM CONTAINERS** The product lines: Aluminium containers, aluminium housing and industrial components.

1113 415 P D P  
**ROLLING SHUTTERS** The technology offers rolling shutters which are used as doors for garages, shops and other such establishments.

1114 416 P D P  
**DIGIT WHEELS** The technology offers products which are used by a number of industrial units engaged in manufacturing energy meters.

1115 417 P D C  
**SCREWS** The product lines: self tapping screws, rolled wood screws, tinman rivets and developing dry wall screws.

1116 418 P D C  
**MONOBLOCK PUMPSETS AND MULTISTAGE SIDE CHANNEL SELF PR. PUMPS** The product include 1axmi monoblock pumps (three phase and single phase). LHP multistage side channel self printing pumps.

1117 419 P K P  
**MACHINERY** The product lines: sheet metal machines, hydraulic machines, briquetting machines and S.P.M.

Ref.No. Org.No. Status Offer Source

1118 420 P D CV  
**EQUIPMENT FOR MATERIAL HANDLING** The product line includes diesel platform trucks and handling trucks, battery platform and handling trucks, trailers, hydraulic floor cranes hydraulic elevating tables and stackers.

1119 421 P D C  
**MATERIAL HANDLING EQUIPMENT** The product line includes overhead cranes, gear boxes, DSR, gantry trail fixing.

1120 422 P D C  
**RESISTANCE WELDING MACHINES** The product line includes resistance welding machines of single phase and 3 phase DC with electronic controls such as spot welders, projection welders, seam welders, butt welders, flash butt welders, electro-brazing machines.

1121 424 P D C  
**HEAT EXCHANGERS, DRYING PLANTS AND PRESSURE VESSELS** The product line: Heat exchangers and pressure vessels, air drying plants cooling/heating systems, rotary vacuum and pressure leaf filters.

1122 425 P D C  
**OVERHEAD TRANSMISSION LINES** The product line includes transmission lines and substation product, line guards, formed ties and fittings, hardware fittings, PA rods, buzz bars and line tools.

1123 426 P D C  
**TYPESETTING MACHINE** The product line: Photosetting, printing, post-press and graphic reproduction.

1124 427 P D C  
**FOUNDRY WORK** The product line: S > G > iron castings and malleable iron castings.

1125 428 P D C  
**CONTAINERS** the product line includes marine container.

Ref.No. Org.No. Status Offer Source

1126 429 P D C  
**INDUSTRIAL BOILERS** The product line: Industrial boilers and Industrial burners etc

1127 430 P D C  
**PAPER BOARD AND BOX MACHINERY** The product line includes paper board and box making machinery.

1128 431 P D C  
**INSULATING AND ENGINEERING MATERIAL** The product line: Wood based laminates, glass fibre based used laminates.

1129 432 P D C  
**PRESSED COMPONENTS AND ASSEMBLY** The product line: Light fabrication job for auto assembly, precision press components, electro mechanical relays and dies.

1130 433 P D C  
**PRESSURE VESSELS** Pressure vessels, tanks etc.

1131 434 P E/D C  
**PLASTIC BUTTON PLANTS** The product line: Hydraulic press and plastic button plants

1132 435 P D C  
**ELECTRICAL STAMPING AND LAMINATION** The technology offer items which are used by the manufacturers of electrical motors, fans.

1133 436 P D C  
**LIFTING EQUIPMENT** The product line: Chain pulley blocks and electric wire rope hoists.

1134 437 P A C  
**PAPER PLANTS** The product line : Paper machinery, pulp machinery and machinery for paper conversion.

1135 438 P D P  
**ROLLING SHUTTERS** The product line includes rolling shutters.

Ref No.	Org.No.	Status	Offer	Source
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1136	440	P	D	P
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**FORGINGS** The product line : copper forging and brass forging.

1137	441	P	K	C
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**MINI CEMENT PLANTS** The product line: Mini cement plant and cement ball mills.

1138	442	P	D	C
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**STEEL CASTING** The product line: Steel, alloy steel and alloy ferrous castings, complete liner system design for ball mills.

1139	443	P	D	C
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**HIGH TENSILE FASTENERS** The product line includes high tensile fasteners like bolts, screw and nuts.

1140	444	P	D	C
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**STEEL TUBES AND PIPES** The product line: Precision ERW steel tubes, bicycle steel pipes and steel conduit pipes.

1141	445	P	D	C
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**ELECTRICAL ACCESSORIES** The product line: Control panels, distribution boards and L.T. panels.

1142	446	P	D	C
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**MACHINE TOOLS** The product line: Power hacksaw and drilling machine, deep-well hand pump, steel and wooden furniture etc.

1143	447	P	E	C
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**FUEL OIL HANDLING SYSTEMS** The product line: Fuel oil handling system, comprehensive electrical systems up to 400 Kv, fabrication and erection of aluminium and specialised alloys.

1144	448			C
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**BAG PRINTING MACHINE** The product line: Bag printing machine - jute and HDPE woven bags, corrugated board printing machine, paper gum tape manufacturing machine.

1145	449	P	D	C
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**PHOTOCOPIERS, WATER COOLERS, AIR CONDITIONERS**

Ref No.	Org.No.	Status	Offer	Source
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1146	450	P	D	C
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**RAILWAY FITTINGS** The product line: Railway carriage and wagon fittings, Archies hot plates.

1147	452	P	D	C
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**HYDRAULIC MACHINE** The product line: Hydraulic compression tools, Hydraulic swaging machines, and Hydraulic prestressing machine.

1148	454	P	D	P
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**MECHANICAL SEALS** The product line: Mechanical seals, carbon bearings and special alloy parts.

1149	455	P	E/D	P
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**STAINLESS STEELWARE** The product line: Stainless steel utensils and stainless steelware.

1150	456	P	E/D	C
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**CAST ALLOY STEEL** The product line: Cast alloy steel grinding media, alloy steel castings and rollable steel.

1151	457	P	D	C
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**PUMPS AND COMPACTORS** The product line: Flexible shaft driven pumps and vibratory plate compactor.

1152	458	P	K	P
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**CHILLED ROLLS** The product line: Chemical pumps, chilled rolls and special steel castings.

1153	462			C
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**ELECTRICAL FITTINGS** The various products offered are electrical fittings for residential and industrial buildings. The product line consists of: Switch fuse units, Distribution boards, panel boards and fabrication of various ferrous materials used in electrical wiring.

Ref No. Org.No. Status Offer Source

1154 463 P D P  
**SWITCHES** The product includes various type of switches modern electrical appliances and control switch. The products line consists for electrical appliances and LT control switches.

1155 464 P J/E P  
**CABLES** The product line include: House wiring cable, power cables, armoured/unarmoured cables, auto cables, flexible wire, submersible cable etc. PVC compound for all kind of cables.

1156 465 P K C  
**SWITCHES** The main product include switch gear used in underground and open cast mines, thermal, atomic, hydel power stations, steel, cement, aluminium and similar other industries. The product line include: Vacuum circuit breakers up to 12 Kv, and vacuum contactors up to 7.2 KV. Starters (HT and LT), ELP HT and LT switching gear, mine communication and safety control equipment system.

1157 466 P D C  
**CONDUCTORS** The product line include: All aluminium conductors and aluminium conductors steel reinforced.

1158 467 P D C  
**ELECTRIC MOTORS AND ULTRASONIC REPELLER** The main products manufactured are electric motors and electronic ultrasonic rodent repellents, automatic protection device for pumpsets. the product line includes: electric motors, pumping sets, ultrasonic rodent repellents and automatic protection devices for pumpsets.

1159 468 P D C  
**INSULATORS AND LAMPS** The main product line includes: A.D. cells, plastic insulators, lamps, these are used by the railways for signalling.

Ref No. Org.No. Status Offer Source

1160 469 P D C  
**NAVIGATION LIGHTS AND SIGNALLING** The main product line includes: Navigation lights, air whistles and search light signalling projectors. These are mainly used by railways and shipping companies.

1161 470 P D P  
**IRONS AND IMMERSION HEATERS** The main product line include: Auto/Non-auto electric irons, immersion heaters, electronic gas lighters. These items are used for household use.

1162 471 P D P  
**CLIP ON TYPE TERMINAL STATIONS** The production range includes: Standard clip on type terminal stations CTS 2-5 (Mini), CTS 2.5, CTS 6, CTS 10 and CTS 35. Stud type terminal station CSTSB4, operated by screwdriver, stud type terminal stations CSTS N4, CSTS N5 operated by nut driver, clip on type lug/lug connection CTS 44L, CTS 70C, disconnecting and testing type terminal stations CDTTS.

1163 472 P D C  
**POWER SUPPLIES** The main product line includes: Standby power supply, voltage stabilisers and electronic display advertisement etc.

1164 473 P D P  
**LUMINAIRES** The main product includes: Electrical lighting fittings suitable for GLS/fluorescent tube/1PMV/LPSV/metal Halide/tungsten/halogen/mercury blended lamps. Ballasts, lamp holders, starters capacitors.

1165 474 P D P  
**PRECISION COMPONENTS** The main product includes precision components required by the engineering industries.

Ref No.	Org.No.	Status	Offer	Source
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1166	475	P	D	C
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**TRANSFORMERS** The main product line includes: Power and Distribution transformers, pressed steel radiators, lamination and stampings, epoxy bushings and toroidal cores.

1167	478	P	D	C
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**SWITCH GEAR** The main product includes: Switchgears, control panels and busducts MCC switch boards.

1168	479	P	D	P
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**BAKELITE PRODUCTS** The bakelite products are used in electrical installation for terminal boards, bobbins etc.

1169	480	P	D	C
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**SWITCHGEAR** used to control/power panel of electrical circuits. The main products include: Standard terminals, stud type and testing terminals, PCB terminals and special application switches.

1170	482	P	D	C
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**INDUCTION HEATING EQUIPMENT** The product line includes: Medium and high frequency heating equipment, induction hardening equipment, induction billet heaters, induction melting furnace, medium and high frequency solid state generators and honing machines.

1171	483	P	D	C
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**ELECTRONIC EQUIPMENT** The main product line includes : Process control instrumentation, weighing systems and civil engineering instrumentation.

1172	484	P	D	C
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**INDUCTION HEATING EQUIPMENT** The main product includes: Industrial furnaces (oil fired/electrical), recuperators, combustion equipment (Econ fuel burners, blowers, heating and pumping units). These systems are fuel efficient furnaces. Assistance in installation will be provided.

Ref No.	Org.No.	Status	Offer	Source
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1173	485	P	D	C
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**TRANSFORMERS** The products offered are transformer radiators which are used for dissipation of heat in power and distribution transformers.

1174	486	P	K/E	C
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**HI - TORQUE RESILIENT COUPLINGS** The hi-torque resilient couplings are used in power transmission systems of any drive and driven mechanism between drive and driven machines.

1175	487	P	D	P
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**HEAT EXCHANGERS** The product line includes: Industrial coolers, heat exchangers, cooling systems, ventilation and pollution control systems. These products are used in electrical locomotive and general industries.

1176	488	P	D	C
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**HEAT EQUIPMENTS** The product line includes: Thermal components, seats, and tosets. These products are used by industrial units like electronic switch makers or pressure cooker makers.

1177	490	P	D	P
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**TRANSFORMERS** The product manufactured are transformers which are used by power generating units for distribution of electrical energy.

1178	491	P	D	C
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**ELECTRICAL ENERGY METERS** The product line includes: Single phase meters, three phase meters, maximum demand meters and peak hour energy meters. These are used in measuring electricity consumption during peak hours and are used by electricity boards.

Ref No.	Org.No.	Status	Offer	Source	Ref No.	Org.No.	Status	Offer	Source
1179	492	P	D	C	1186	500	P	D	P
<b>ELECTRONIC EQUIPMENT</b> The product line includes: Electronic capacitors and metallised plastic films. These componenet are used in electronics industries engaged in manufacturing metallised films, generally used in capacitors and condensors.					<b>HEAT EQUIPMENTS</b> The product line includes furnaces, ovens, control panels and custom built heating equipment. These products are used by chemical factories, engineering industries and ordnance factories.				
1180	493	p	d	p	1187	501	P	D	P
<b>TRANSFORMERS</b> The product line includes: Kit Kat fuse units, switchgear and precision moulded components.					<b>ELECTROPLATING</b> The product line includes electroplating and heat treatment. These products are used by the engineering industries.				
1181	494	P	D	P	1188	502	P	D	P
<b>WEIGHING SYSTEM</b> The sophisticated micro processor based weighing system is used for weighing in the steel industry and cement industry.					<b>PRECISION COMPONENTS</b> The product line includes temperature controllers, indicators, transducers, process valves sensors and convertors and data loggers. These products are used for tool making.				
1182	495	P	D	P	1189	503	P	D	C
<b>ELECTRICAL APPLIANCES</b> The product includes: Power and distribution transformers, wires, steel fabricated radiators and laminators.					<b>LAMPS</b> The product line includes halogen lamps, copier lamps and infrared lamps. These lamps are used for floodlighting, studio projector, copier and infrared lamps.				
1183	496	P	D	P	1190	504	P	D	C
<b>LIGHTING</b> The product line includes: Industrial lighting, domestic lighting, commercial lighting, decorative lighting, street lighting luminaires suitable for fluorescent, high pressure mercury vapour, both low and high pressure vapour and also halogen lamps. These products are used by Government departments, railways, military engineering services, Municipal bodies, factories, offices and other various institutions.					<b>ELECTRICAL APPLIANCES</b> The product line includes automatic voltage stabilizer, automatic voltage regulator, water purifier (OZONATOR), all types of battery chargers and relief map farming.				
1184	497	P	D	C	1191	505	P	D	P
<b>HEAT EXCHANGERS</b> The product line includes air conditioners, generator sets and alternators.					<b>CAPACITORS</b> The product line includes power capacitors, pulse capacitors, energy storage capacitors and special types of capacitor.				
1185	498	P	D	C	1192	506	P	D	C
<b>TRANSFORMERS</b> The product line includes: Power and distribution transformers up to 5 MVA 33 KV Class. AC/DC welding set up to 600 Amps and other special purpose transformers.					<b>PRINTED CIRCUIT BOARDS</b> The product range includes single sided, double sided, plated through hole. Multilayer printed circuit boards. Hybrid thick film integrated circuit boards.				

Ref No. Org.No. Status Offer Source

1193 507 P D C  
**MAGNETS** The product lines includes cast alloy permanent magnets, ferrite magnets and magnetic systems. These magnets are used in meters, telephones and speakers.

1194 508 P D C  
**ELECTROPLATING** The product line includes automatic hydraulic flush valves, machining foundry services and electro plating of all types.

1195 509 P D C  
**SWITCHGEAR** The product line includes switchboards, control panels, distribution boards and busducts cable trays. These products are used by electrical generating industries, electricity boards for power stations, motor control and supporting cables in electrical installations.

1196 510 P D C  
**FLAMEPROOF SWITCHGEAR** The product line includes industrial switchgear and flameproof mining switchgear up to 6.6 KV and 11KV. Flameproof air circuit breakers up to 550 volts. Ring main and switch units from 3.3 Kv to 11 Kv. These products are used in manufacturing items for electrical power distribution.

1197 511 P D C  
**ELECTROPLATING** The product lines includes manual arc welding electrodes, mild steel electrode for radiographic welding, mild steel electrode for recovery type, mild steel electrode for basic low hydrogen, mild steel Rutile electrode for hard surface and stainless steel electrode staight 19/9 ELC.

1198 512 P D P  
**GEAR BOXES, INJECTION PUMPS AND PNEUMATIC VALVES** The product line includes reduction gear boxes, machine aluminium castings (switch gear parts), muticylinder injection pump parts, hydraulic and pneumatic valves.

Ref No. Org.No. Status Offer Source

1199 514 P D C  
**CABLES** The product includes transmission line hardwares which are used by electricity boards and power generation units.

1200 515 P D C  
**BULBS** The product line includes miniature electric bulbs, including bulbs for automobiles, miners cap lamp bulbs, and special bulbs.

1201 516 P D C  
**SWITCHGEAR** The product line includes switchgear LT/HT, motor control gear, circuit breakers, static protective relay, motor starters and switches. These switches are used by electricity boards and other industries manufacturing electrical controls.

1202 517 P D P  
**TRANSFORMERS** The product line includes transformers, radiators and transformer tanks which are used in the manufacture of domestic power transformers.

1203 518 P D P  
**TRANSFORMERS AND BATTERY CHARGERS** The product line includes transformers, battery chargers, tool market (electronic) and SMPS.

1204 519 P D P  
**TRANSFORMER AND COILS** The product line includes distribution transformers, control and panel transformers, H.V. and L.V. coils.

1205 522 P D C  
**TRANSFORMERS** The product line includes oil filled transformers, cast resin dry type transformers, motors for hermetic sealed application, standard motors. These are used in transmission and distribution of electricity, air conditioners, refrigerators and standard motors.



Ref No.	Org.No.	Status	Offer	Source	Ref No.	Org.No.	Status	Offer	Source
1206	524	P	D	C	1213	560	P	D	P
<b>LIGHTING</b> The product line includes lighted beacons; gas/electric operated, lighted buoys; gas/electric operated, air hazardous lights and airport location beacons. These lights are used for manufacturing navigational lights for ships and aircraft.					<b>CASTINGS</b> The product line includes, ferrous and non-ferrous castings, machine tool spares, foundry equipment, fabrication, special purpose machines and foundry equipment.				
1207	548			C	1214	561	P	D	C
<b>PACKING MATERIALS</b> The HDPE woven fabric sacks and tarpaulins are used for cement and fertilizer industries for packing.					<b>DIE CAST</b> The product line includes turned components of various sizes as per specification of the customer.				
1208	553	P	D	C	1215	562			C
<b>POWER PRESS</b> The product line includes mechanical power press, hydraulic press brakes, hydraulic and chemical shears and briquetting press for cellulosic waste.					<b>MACHINE TOOLS</b> The product line includes, lapping machines, belt grinding machines, chucks hand operated and power operated, pneumatic and hydraulic cylinders, surface plates cast iron and granite.				
1209	554	P	D	C	1216	563	P	D	C
<b>GEARS</b> The product line includes various types of industrial gears, worms and helical gear boxes. Machine tools, lathes, drills, milling, shaping, hacksaw machines.					<b>MACHINE TOOLS</b> The product line includes, special purpose machines, machine tools accessories and attachments, jigs and fixtures, machine assemblies and sub-assemblies, special gauges, special machine components and fabrications.				
1210	555	P	D	P	1217	564	P	D	P
<b>HEAT EQUIPMENTS</b> The product line includes high pressure valve components, boiler components and under carriage items for earth moving equipment.					<b>MACHINE TOOLS</b> The product machine tools and accessories for export.				
1211	556	P	D	C	1218	565	P	D	C
<b>CUTTING TOOLS</b> The carbide tipped tools are used in various types of machines for cutting purposes. The products include brazed carbide cutting tools single point, multi-point and profile form.					<b>WOOD SCREWS</b> The product line includes wood screws and precision rivets.				
1212	559	P	D	C	1219	566	P	D	C
<b>CUTTING TOOLS</b> The product line includes H.S.S. threading taps, H.S.S. cutting tools and circular thread rolling dies. These tools are used for cutting internal threads in metal working industries.					<b>MACHINE TOOLS</b> The product line includes electric discharge machines, CNC lathes and milling machines, crankshaft super finishing machine and AC variable speed device.				
					1220	567	P	D	C
					<b>MACHINE TOOLS</b> The product line includes high precision cylindrical grinding machines, CNC and non CNC, special purpose machines and centreless grinding machines.				

Ref No.	Org.No.	Status	Offer	Source
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1221	568	P	D	C
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**MACHINE TOOLS** The product line includes hand tools, cutting tools and measuring instruments.

1222	569	P	D	P
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**PRECISION COMPONENTS** The product line includes surface plates, bench centres, box angle plates, master cylinders, steel parallels, straight edges, CI tubes, lapping plates and comparator stands.

1223	570	P	D	C
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**MACHINE TOOLS** The product line includes special purpose machine for multi-drilling, milling and tapping including boring.

1224	633	C	D	C
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**HIGH VOLTAGE ISOLATORS** Party is interested in manufacture of isolators used in electrical industries. In addition party wants to develop electrical domestic appliances like fan, water heater, vacuum cleaner etc.

1225	643	P	L/T/D	P
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**USER FRIENDLY MODULAR ULTRASONIC GENERATOR AND TRANSDUCER SYSTEM** for original equipment manufacture (OEM) industrial cleaning and processing application. This advanced system is intended for manufacturing companies that wish to acquire their own independent ultrasonic capability to penetrate the solvent (CFC) replacement market, in response to the 1987 Montreal protocol. This new system (comprises modules in the 1000 - 2500 watt range) is unique in being tailored to the OEM market and requiring neither specialised electronic equipment or (ultrasonic) qualified personnel for implementation.

Ref No.	Org.No.	Status	Offer	Source
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1226	643	W	L/J	P
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**AIR MOTOR** A company has developed a working prototype air motor with a swept volume of some 2000 cc with the potential for use as a compressor pump, air or hydraulic motor or an internal combustion engine. The design requirements are easily met by conventional machine tools.

1227	643	W	L/J/D	C
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**CONVEYOR DEVELOPED FOR MOVING HAZARDOUS SUBSTANCES** Can be adapted to a range of applications - retail displays, childrens' games and industrial handling. The conveyor has few moving parts, controlled movement can be achieved by vibrating the surface in an appropriate manner. It is gentle and can move delicate parts without damaging them. It can also handle objects weighing several kilogrammes. Buffer systems can receive parts, store them and feed them out in a single file.

1228	643	W	L/S/J	C
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**METHOD OF HEATING SPACES IN BUILDINGS BY USING A DOOR WITH UNIQUE FEATURES** Benefits: cheaper to instal than existing systems. Frees up wall space, reduces floor draughts. Introduces fresh air. Possible health benefits: relief for rheumatism sufferers. Reduces drowsiness. Promotes an atmosphere that is not favoured by house mite, and so should aid sufferers with respiratory problems. Can be automatically controlled and running cost is in the lower quartile. Existing doors are simply replaced and connected to the mains. Electrics are 220/240v or to specification. Subject to patent application.

Ref No. Org.No. Status Offer Source

1229 644 P J C

**LAND RECLAMATION SYSTEM** A simple, affordable and effective system for the reclamation of eroded or infertile agricultural or forest land. The system comprises boxes containing an enhanced growing medium, optimised for a given site, laid in pre-set patterns utilising simple mechanical trenching tools. The system employs local plant types and is configured to ensure silt and rainwater collection and retention to encourage and assist secondary vegetation growth.

1230 644 C L/J/D C

**SURFACE MAINTENANCE SYSTEMS AND SOLUTIONS TO THE CONSTRUCTION AND MARITIME INDUSTRIES** It specialises in bituminous and resin based surfacings, anti-skid, waterproofing systems, industrial flooring, concrete repairs and protection. The systems are widely used in factory floors, hospitals, airports, food handling areas, car parks, footpaths, bridges etc.

1231 647 C L/J C

**MULTI SPINDLE DRILLING MACHINE AND DRILL HEADS** It is used for manufacturing metal parts that need holes. Solution. Buckeye multi spindle drilling machines or lowcost drill heads that convert single spindle drilling machine to multi spindle drilling machine. This will eliminate high cost of drilling one hole at a time and can cut manufacturing cost down to minimum and quality will improve. Our proven technology is based on standard units.

1232 647 C J/K C

**ZiNC - CARBON BATTERIES IN D, C AND AA SIZE** Simple semi-automatic and automatic machines from 60 cells a minute to 300 cells a minute in indexing and rotary construction. Complete technology is available on turn-key basis. Plant is low cost, easy to operate and maintain, best suited for developing countries. Available are D(R-20), C(R-14) and AA(R-6) sizes.

Ref No. Org.No. Status Offer Source

1233 648 C D C

**HAIR SHAMPOO** Modern shampoo is designed to provide sufficient cleansing power, together with adequate foam, to remove soil from the hair and scalp without seriously reducing the natural oiliness so that the hair is left with a natural gloss. Various types of shampoos like liquid, protein, clear viscous, dry hair, general purpose and anti-dandruff and pearly shampoo have been developed.

1234 648 C D G

**INSTANT SHOE SHINERS** comes in two forms - liquid and shining materials absorbed into a foam backed by a support. A shining material has been developed suitable for the latter type. This is easy to handle and is free from leakage and spoiling of hands during usage. The product when absorbed into the foam gives the property of instant shining. The process does not affect the environment.

1235 648 C D C

**VANISHING CREAM** can be considered to be an emulsion of free fatty acid in a non-alkaline medium. This cream is so called because it disappears when rubbed into the skin. The cream leaves a dry but tacky residual film which also has a drying effect on the skin. It is for this reason that vanishing creams find favour for use with greasy skin conditions and particularly in hot climates which cause perspiration on the face. The process does not involve any pollution hazard.

1236 648 C D G

**SKETCH PEN INKS** Twelve different shades of sketch pen inks have been developed. These inks are stable in storage and brilliant in colour. The inks can be prepared on small scale industrial set-up. The chemicals and dyes required for making these inks are available indigenously. The process for the preparation does not effect the environment.

Ref No. Org.No. Status Offer Source

1237 648 C D G  
**DETERGENT TO CLEAN OILY PLASTIC FILMS** During the recycling of waste plastic films, oiled plastic films cannot be cleaned by general purpose detergents. To solve this problem, a special detergent has been developed. It is based on indigenously available ingredients and functions very effectively in the cleaning of oily plastic films. Machinery/set up required is inexpensive and the process does not involve any pollution hazard.

1238 648 C D C  
**QUICK DIP SILVER CLEANER** Silver cutlery and hollow wares, jewellery/ornaments, table wares, utensils etc. get tarnished with time and lose their silvery aesthetic look. A quick dip silver cleaner formulation has been developed. The formulation has a quick action and is very simple to use. The tarnished article is just dipped into the solution, rinsed thoroughly with water and wiped with a soft cloth. It leaves no yellow tinge, scratches or stains etc. The preparation process is pollution free.

1239 648 C D G  
**REMOISTENABLE GUM** a starch based remoistenable adhesive has been developed, suitable for use for paper adhesive and tapes where it replaces partially or wholly a costly product i.e. animal glue. It can also be used on postage stamps, and envelopes etc. The process of either making it or using it does not cause any pollution.

Ref No. Org.No. Status Offer Source

1240 648 C D C  
**POLYVINYL ACETATE EMULSION** is a most common adhesive for wood and is produced by emulsion polymerisation of vinyl monomer. The PVAc emulsions available in the market are actually formulations derived from pure polyvinyl acetate emulsion to meet requirements of specific end application cost considerations. Though a number of parties are currently manufacturing PVAc emulsions in the country its demand is growing continuously. The manufacturing process is environmentally friendly.

1241 648 C D C  
**REDUCING AGENT FOR SILVERING OF VACUUM FLASKS** has been developed and its performance evaluated at a reputed vacuum glass company. The efficiency of the developed product matches very well with that of the market sample. The product also shows a considerable advantage in cost over the market product. All the raw materials are indigenously available. The process does not include any pollution hazard.

1242 648 C D G  
**SINGLE COMPONENT HAIR DYE** Most of the presently available hair dyes are two pack systems which have many inherent drawbacks. They generally promote additional grey hair and their application is also very cumbersome. A single pack water soluble powder hair dye has been developed which does not require additional oxidising agents or any other hair preparation before and after the application of dye. In most cases it is safe to use excepting where skin allergy is experienced.

Ref No. Org.No. Status Offer Source

1243 648 C D C  
**REHEAT HEAT PACK** A reusable heat pack that can provide instant heat lasting two hours has been developed. The pack offers safe continuous heat anywhere desired. The unit is non-toxic, non-electric and not a fuel burning system. The reheater is a pouch of chemicals which warms to approximately 65 degreesC Celsius within 15 secs. of triggering. The reheater can be repeatedly reactivated by placing in boiling water. It finds applications in skiing, camping, hunting and fishing.

1244 648 C D C  
**HAIR CREAM** is an oil-in-water emulsion which has the advantage of being miscible with water and can be easily distributed throughout the hair with the help of a wet comb. This can be prepared with a low proportion of oil and on this account is preferred to the more greasy water-in-oil type emulsion. The product is a cost effective, non-toxic formulation made from indigenous raw materials.

1245 648 C D G  
**HOT MELT STRIPPABLE COATING** SRI has developed a formulation for making hot melt strippable coating. The object to be coated is dipped in the hot melt composition leaving a strippable coating, and transparent coating on the object. This coating protects the object against corrosion, damage by striking against each other etc. and is generally used for fine and sharp edged tools. The process does not cause pollution.

Ref No. Org.No. Status Offer Source

1246 648 C D G  
**SEBACIC ACID** is one of the main industrial chemicals produced from Castor Oil through alkaline degradation process. It finds applications in the manufacture of polyesters, polyamides, non-toxic plasticizers and lubricants for aircraft engines. The product is better than that available in the market. 2-Octanol, the by-product of the process, is also an industrially useful product. The raw materials for the process are abundantly available in India. The process involves no pollution hazards.

1247 648 C D C  
**SPECIALITY PENCIL ERASERS** The erasing quality of the indigenously manufactured pencil erasers is not up to the mark and they harden with the passage of time. A speciality pencil eraser, mostly based on indigenous raw materials has been developed, which has good erasing quality and compares well with the imported eraser. The process is pollution free and requires simple processing techniques like milling and compression moulding.

1248 648 C D G  
**HAIR REMOVER WAX** Among the various means of the cosmetic removal of hair from human skin, hair remover waxes are very popular because of their minimal side effects. These waxes are developed from indigenous raw materials, and are used for removing short length hair from hands and legs. The developed wax is of superior quality and the manufacturing process is simple, short and pollution free.

Ref No. Org.No. Status Offer Source

1249 648 C D C  
**MOSQUITO REPELLANT MATS** Among the various available devices to repel mosquitoes, mosquito repellent mats are getting more popular. In this device the chemical repellent absorbed on a cellulosic substrate (mat) is released in a controlled way by placing it at a slightly elevated temperature. Formulations which are as effective as imported ones have been developed. The air pollutants evolved during the manufacturing process can be controlled effectively.

1250 648 C D G  
**SOLID GUM STICK** used for the adhesion of paper. The gum stick has a lipstick type casing and can be rubbed on the paper smoothly to effect permanent bonding. It does not require a separate applicator and has a lower drying time in comparison to conventional liquid gums. It is very popular among executives and school children as it is very convenient to carry and apply without any spillage problems. Non-toxicity of its ingredients ensures its safe use.

1251 648 C D C  
**POWDERING OF NITRILE RUBBERS** Nitrile rubber is indigenously available in slabs and not in the powder form. Since its compounding requires it in the powdered form, a number of PVC compounders are facing problems. A process for powdering nitrile rubber available in slab form has been developed. The powdering process is very simple and requires no major capital investment. The process does not pose any pollution problem.

Ref No. Org.No. Status Offer Source

1252 648 C D G  
**FLY ATTRACTANT ADHESIVE TAPES** One of the most common methods to control houseflies consists of sticky tapes. A tape containing attractants and adhesives has been developed. For use the tape is suspended at a place of maximum fly nuisance. It functions by attracting the flies and the flies that come in contact stick to the tape and cannot fly anymore. The process does not pose any pollution problem.

1253 648 C D G  
**TERRY TOWELS** are made from highly absorbent cotton materials and normally comprise a base fabric and a pile of tufted materials. However, such cotton towels have low tensile strength, tear strength and abrasion resistance both dry and wet resulting in shorter life span. A process to manufacture terry towels from different materials of construction, which show considerable enhancement in mechanical properties with same moisture absorption properties has been developed.

1254 648 C D G  
**IRON - ON FABRIC ADHESIVE** The hot melt adhesive can be used for lamination of textiles such as fixing of stickers on garments and lamination of two cloths together which can be later cut to shapes like cuffs and collars. Lamination is possible merely with the help of a hot iron. These laminated fabrics are washable. The raw materials used are indigenously available and no pollution problems are involved in the preparation and use of the product.

Ref No. Org.No. Status Offer Source

1255 648 P L C  
**LIQUID DETERGENTS** Three different grades of liquid detergents have been developed based on indigenously available ingredients. The first grade has high active content, the second has high solid content and the third grade is general purpose for domestic use. High active content grade detergent is generally used when a large quantity of dirt is to be moved. High solid content grade a detergent is generally used for hand washing purposes. The technology is simple without expensive machinery and any pollution hazard.

1256 648 C D G  
**IMPROVED WATER PROOF PLYWOOD** Plywood is supposed to be waterproof but in actual practice only the bond is waterproof. Such plywoods change dimensions on exposure to humid atmospheres. An improved waterproof process which first renders the wood waterproof by polymer impregnation, has been developed. The water proofed wood is processed conventionally. The improved plywood can also be rendered termite proof by use of additives during polymer impregnation.

1257 648 C D G  
**PRESSURE SENSITIVE ADHESIVES** are produced both in solutions as well as in emulsion forms for the production of stickers and similar materials. While in the case of solutions one can obtain maximum adhesive strength for a given polymeric material concentration, they pose no fire and air pollution problems. The emulsions on the other hand have relatively reduced adhesive power due to the presence of emulsifiers etc. but are relatively safe from both hazards of fire and environmental pollution.

Ref No. Org.No. Status Offer Source

1258 648 C D C  
**FUSIBLE LINING MATERIAL (STIFF FABRIC BUKRAM)** Stiff fabrics are used as reinforcements in clothing. Presently available reinforcements either lose stiffness on washing or cause excessive wear at the edges of the fabrics. This development can yield fabrics of varying stiffness. The fabrics are washable and expected to increase the life of the fabric at collars, cuffs etc. The process is simple, cheap and can be carried out in a continuous manner. The process is environmentally friendly.

1259 648 C D C  
**LIQUID SHOE POLISH** Mostly shoe polishes are in paste form, which is applied with the help of a brush and it also needs buffing afterwards to get a shine. During the process the place became messy and it also leaves stains on the hands. A liquid shoe polish has been developed which solves the problem as it is applied with the help of an applicator and there is no need for buffing. It is based on indigenously available ingredients and manufacturing process is pollution free.

1260 648 C D G  
**SPOTLESS GLASS CLEANER** based on non-toxic and indigenously available low boiling solvents and surfactants. By using spotless glass cleaner, glass tumblers and other glasswares can shine without wiping. The technology is simple and does not have any pollution hazard.

Ref No. Org.No. Status Offer Source

1261 648 C D C  
**CYCLISED RUBBER** Cyclised rubber is a modified form of natural rubber or synthetic rubber. This has been developed to be used as a photoresistant material for developing printed circuit diagrams in PCB's. According to an evaluation carried out at a Japanese laboratory, the product has been found to be equivalent to the imported one. Its areas of applications include adhesive varnishes, quick drying lacquers for electricals, coating of sports articles and lining of reaction vessels. The process is based on indigenous raw materials.

1262 648 C D C  
**GLASS AND HOUSEHOLD CLEANER** based on non-toxic indigenously available raw materials. It is a water based detergent formulation useful in cleaning of glossy surfaces like glass panes, furniture and plastic equipments. They effectively clean the smooth surfaces when rubbed with a cloth wetted with it and leave a shiny look. No pollution hazard exists in the manufacture of this cleaner. Machinery required is inexpensive.

1263 648 C D G  
**CARBOXY METHYL STARCH (CMS)** It is a versatile water soluble polymer finding use as thickener for textiles, anti-soiling agent for textile detergents, in oil drilling etc. Both solventless and solvent processes have been developed which are based on indigenous raw materials. The process works successfully on different types of starches like maize starch, tapioca starch etc. The process does not involve any pollution problem.

Ref No. Org.No. Status Offer Source

1264 648 C D C  
**FIRE RESISTANT FORMULATION FOR WOOD** Fire resistant coatings for wooden structures. These coatings can be applied to any type of wood, plywood, teak wood, particle board etc. and do not allow the fire to spread along the surface. The formulation was successfully applied to the permanent Indian station at Antarctica. All raw materials are indigenously available. The process does not involve any pollution hazard.

1265 648 C D G  
**AIR DRYING INSULATING VARNISH** The product developed is a fast drying varnish having slight yellowish colour. It has good heat performance and insulation properties in comparison to conventional varnishes. It also shows advantages in adhesion properties. It is used for coating electrical components like coils and radio parts and as weather and moisture resistant coatings. It is prepared from indigenously available raw materials through a pollution free process.

1266 648 C D G  
**COLD WATER SOLUBLE STARCH** It has developed process know-how for the manufacture of cold water soluble laundry starch. Cold water soluble starch is generally preferred since it does not involve the cumbersome process of boiling and cooling before application. The SRI product has many advantages over the market sample as it dissolves faster and does not form lumps in water. The product is non-toxic.

1267 648 C D C  
**SMOKELESS, DRIPLESS, PERFUMED AND COLOURED CANDLES** These candles are prepared by special method so that they will not produce smoke or dripping molten wax during burning. They are perfumed and coloured for added aesthetic value. All the raw materials involved are indigenously available and the process does not have any pollution hazard.



Ref No. Org.No. Status Offer Source

1268 650 C K/T R  
**GLASS AND CERAMIC TECHNOLOGY** for the setting up of small and medium size production plants for glass bottles, table wares, micro slides, tubing, bulb shells, lenses, mirrors, frits, bangles, toughened and laminated, safety glass etc. Offered on a turn-key basis including training in India. Production plants for ceramic wares, porcelains, fine china, refractories, insulation, insulators, tiles, sanitary wares, porcelains etc.

1269 657 C L C  
**MANUFACTURE AND ASSEMBLY OF CNC TURNING CENTRES** Advantages: super rigid machine bed and base construction, powerful spindle and servo drives, most accurate spindle bearings and ball screws, double supported ball screw, completely enclosed covers, safety window glass on front door, safety devices (door interlock, hydraulic pressure switch). Annual production capacity: 1,200 units/year.

1270 657 C L C  
**MANUFACTURE AND ASSEMBLY OF VERTICAL MACHINING CENTRE** Various models with table sizes ranging from 630 x 450 mm to 1,800 x 800 mm. Annual production capacity: 500 units/year.

1271 657 C L C  
**MANUFACTURE AND ASSEMBLY OF HORIZONTAL MACHINING CENTRE** Various models with table/pallet sizes ranging from 500 x 500 mm to 1,000 x 1,000 mm. Annual production capacity: 500 units/year.

Ref No. Org.No. Status Offer Source

1272 657 C L C  
**MANUFACTURE AND ASSEMBLY OF INDUSTRIAL SEWING MACHINES** Lock stitch sewing machine for ultra heavy weight materials; automatic thread trimmer for ultra heavy weight materials; high speed lock stitch sewing machine; automatic thread trimmer. Needle feed lock stitch sewing machine; automatic thread trimmer; vertical edge trimmer; automatic thread trimmer and vertical edge trimmer. High speed, single needle lock stitch sewing machine with edge trimmer and notcher. High speed, chain stitch button sewing machine with thread trimmer. High speed, needle feed lock stitch sewing machine.

1273 658 C K C  
**DEMINERALIZATION BY PACKED BED REGENERATION** Product demineralized water using the packed bed regeneration method. This method is different from other regeneration methods using water or air, therefore it makes less waste water producing the best water quality. Advantages: minimize waste water, reduce chemical and water consumption, simple internals and easy maintenance, simple operation. Application: demineralized water and condensate treatment for power plant, demineralized water for chemical and petrochemical industry, boiler water.

1274 660 J/K C  
**BALLASTIC HELMET AND FRP CHAIR**

Ref No. Org.No. Status Offer Source

1275 661 C L/J/K C  
**CEMENT PLANT** Total engineering service: site survey, feasibility study, plant engineering, erection and supervision, commissioning service and start-up operation, guarantee test. Technical assistance and process development: cement process diagnosis, factory automation, process improvement. Advantages: optimum system application for energy saving, quality control and assurance, technical service for operation and maintenance. Application: cement plant, remicon, ferrites magnets, fine ceramics, ALC (auto claved lightweight concrete).

1276 662 C K C  
**CONDOM MANUFACTURING PLANT** Equipment: compounding machine, pre-ageing tank, dipping machine, vulcanizer, inspection machine, packaging machine. Advantages: semi automatic machine, manpower requirement reduced, mass production system: 7,200,000/month. Annual production capacity: 86,400,000 pieces/year. Project cost: 1,500,000\$.

1277 662 C K C  
**RUBBER AND SURGICAL GLOVE MANUFACTURING PLANT** Equipment: compounding machine, pre-ageing tank, dipping machine, vulcanizer, inspection machine, packaging machine. Advantages: semi automatic machine, manpower requirement reduced, mass production system: 700,000 prs/month. Annual production capacity: 8,400,000 prs/year.

1278 663 C J/D C  
**MANUFACTURING TECHNOLOGY FOR WOOD COATING** Advantages: good quality, technical know-how from 20 years' experience. Application: coating for furniture, musical instrument, other coating for wooden substrate. Annual production capacity: 2,000 ton/year. Project cost: 400,000\$. Equipment/machinery (FOB): 50,000\$. Operational cost for one year: 350,000\$.

Ref No. Org.No. Status Offer Source

1279 663 C J/D C  
**VARIOUS RESIN FOR PAINT** Base resin for paint, manufacturing technology and its application, production know-how. Advantages: stabilized process, excellent characteristics of the resin, cost down know-how. Application: resin for wood coating, can coating, metal coating, alkyd, polyester, polyurethane, acrylic and amino resin etc. Annual production capacity: 15,000 ton. Project cost: 500,000\$.

1280 663 C L/J C  
**TECHNOLOGY FOR CASHEW RESIN AND PAINT** Manufacturing technology of resin and paint made with cashew nut shell liquid (LNSL) and production facilities. Advantages: highest quality like traditional wood coating as 'ot-chil', excellent durability. Application: high quality furniture and wooden home appliance. Project cost: 300,000\$.

1281 665 C L/K C  
**COSMETICS MANUFACTURING TECHNOLOGY** Skin care products, (cream, lotion, skin lotion), make up products, (lipstick, nail lacquer), hair care products, (shampoo, hair rinse). Annual production capacity: skin care: 160 mt/year, make up: 40 mt/year, hair care: 1,700 mt/year.

1282 666 P L P  
**METHOD FOR THE TREATMENT OF DENTAL DISEASE** A composition and method of use for the treatment of pain and inflammation associated with dental disease is disclosed. The composition comprises pine resin and salt in 1:1.5 parts by weight relationship which is prepared by mixing the pine resin and salt, heating the mixture while stirring, cooling and grinding the resulting solid to a powder form. Advantages: prevent or treat dental disease at a lower cost with the effective alleviation of any associated dental pain.

Ref No. Org.No. Status Offer Source

1283 668 C L/D C  
**WATER TOWERS AND WATER TANKS** are made of galvanized steel or stainless steel elements, hexagon and pentagon shaped. The elements are bolted together and sealed with rubber strips resulting in a spherical shape. It is strong and with sheets only 1.0 and 1.2 mm thick material and cost effective. Range 2, 4, 8, 15 and 27 cubic metres.

1284 668 C L/D C  
**CONCRETE ROOF TILES AND TILE MAKING MACHINERY** Roof tiles (size 600 x 285 mm) are moulded out of mortar or concrete without fibres on a small hand operated vibrating machine. Production up to 200 tiles per day possible. Machinery is easy to manufacture locally.

1285 676 C L/J C  
**LATEX DIPPING TECHNOLOGY AND PLANT** for gloves, balloons, teats, condoms, catheters etc. Consultancy service, plant, processes and laboratory equipment. Plastic dip coating and dip moulding plant and services. Dip finishing and coating plant for other industrial processes.

1286 678 C L/D C  
**WEFT YARN INSERTION INTO SHUTTLELESS WEAVING MACHINES** To supply the weft (filling) yarn into the weaving m/c during constant tension in spite of intermittent consumption. Increased productivity and better quality. Modern high speed shuttleless weaving machines cannot run without a weft accumulator as the yarn will break.

Ref No. Org.No. Status Offer Source

1287 688 C J/E/T/DC  
**HYDRAULIC CYLINDERS FOR USE ON CAPITAL EQUIPMENT** Single acting, double acting and telescopic units are produced for construction equipment, mechanical handling equipment, municipal vehicles, fork lift trucks, cranes and agricultural equipment. Complete units including power packs for joint venture or in kit form for welding and assembly. Have 33 years experience to offer designs, training and technical assistance to interested organisations. Light engineering plant and skills are required. Systems are approved to ISO 9001.

1288 690 U L/J/D C  
**CHEMICAL GRINDING** A chemical has been formulated and laboratory tested, which when added to rod and ball mill slurry significantly aids rock fracturing and pulverising time. Comminution to sub micron particle size is also feasible.

1289 690 W L/S/J/DC  
**ROOM/SPACE HEATER** A method of heating spaces in buildings by using a door with unique features. Benefits: cheaper to instal than existing systems, frees up wall space, reduces draughts, introduces fresh air. Possible health benefits are: relief for rheumatism sufferers, reduces drowsiness, promotes an atmosphere that is not favoured by the house dust mite and so should aid sufferers with respiratory problems. Can be controlled automatically with running costs in the lower quartile. Existing doors are simply replaced with the room/space heater and then connected to a 220/240v supply or to specification.

1290 701 C L/J/D C  
**EPOXIES AND REACTIVE (OR TOUGHENED) ACRYLICS** for bonding most surfaces (metals, timber, rigid plastics) in construction, engineering, transport, electronics, plastic and fashion industries. Advantages include: bonding similar/dissimilar surfaces, designed to customer's specification.

Ref No.	Org.No.	Status	Offer	Source
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1291	701	C	L/J/D	C
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**CYANOACRYLATES (SUPERGLUES) FOR INDUSTRY AND CONSUMERS** provides: high yield from basic materials, stability.

1292	703	U	J/K/D/T	C
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**GARMENT MANUFACTURE** Development of manufacturing units up to turnkey projects including supply of new or secondhand European sewing machines, marketing and sales development including market assessment and supplier negotiation for all types of garment.

1293	708	C	L/J/T/DP	
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**QUALITY COMPONENTS AND EQUIPMENTS FOR AUTOMOBILE, WATER PUMP, WATER VALVES AND ELECTRIC MOTORS** in small and medium industries. The modular concept uses special purpose machine tools, with pre-set tooling gauging and monitoring. This has resulted in the manufacture of components with consistent quality, reduced cost of production and increased productivity even in small batches. The technology has reduced dependency on highly skilled manpower, has lowered investment, reduced inventory and lead time results in fast set up and offers more flexibility in the change of component or product within the shortest time.

1294	710	W	L/J	C
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**ATTRACTIVE, ROBUST AND VANDAL PROOF LONGLIFE FENCING SYSTEM EXTRUDED FROM RECYCLED PLASTICS** A most ingenious solution to the problems of appearance, high strength and low upkeep. This fencing system will resist impact yet protects both humans and animals from accidental abrasion and infection. It is designed both for public and private use and for rapid contractor or DIY installation, extension and repair.

Ref No.	Org.No.	Status	Offer	Source
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1295	710	C	L/J	C
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**POLLUTION CONTROL PRODUCTS IN GLASS REINFORCED PLASTICS (GRP)** The company manufacture components for sewage treatment plants, tank covers, odour control systems, oil/petrol interceptors, cesspools and underground storage tanks in a variety of glass reinforced plastics. The company's interest is to establish effective agents/distributors which would ideally be fairly small companies, run by the proprietor and be involved in providing equipment or services to the effluent and water treatment industries.

1296	710	C	L/J	C
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**APPLICATION OF IMAGES TO FABRICS AND PLASTICS** The process bonds an image (Holographic, Photographic or Printed) or a special material (Luminous Plastic), to a wide range of fabrics and plastics without the use of heat, pressure, adhesives or inks. When applied, the image has exceptional environmental stability and is machine washable to 60°C. The licensed use of machinery or manufacture of machinery is offered.

1297	710	W	L/J	R
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**ADVANCED DATA LOGGER** This robust, battery operated, modular system has been developed to measure a range of variables under field conditions (initially for animal studies, but with many other applications). By use of sensors and high-tech electronics; speed, force, heartrate, breathing rate, etc can be recorded with greater accuracy than previously.

Ref No. Org.No. Status Offer Source

1298 710 C L/J C  
**POWER SUPPLIES, CONVERTERS AND INVERTERS** A company manufacturing DC/DC Converters, AC/DC Linear Power Supplies, AC/DC SMPUs, DC/AC Voltage Inverters, AC/AC Frequency Inverters as well as Distributed Measurement, Control, Data Acquisition and Supervisory Systems, requires distributors for its' power supplies and instruments. The company is also seeking equipment from other companies dealing in state-of-the-art encapsulated DC/DC converters or similar.

1299 710 W L/J P  
**"THE DRUID" UNIVERSAL LINEAR SUNDIAL** This is an attractive and improved sundial with the advantage of a linear time scale for accurate time keeping throughout the hours of sunlight. It is aesthetically pleasing as an abstract sculpture. It is adaptable and viable from "gift shop curio" size up to "theme park central feature"

1301 710 M L/J C  
**INSTANT PHOTO PRINTING PROCESS SUITABLE FOR IMPROVED MICROFICHE** This is an 'instant' process whereby a latent image is produced by a UV exposure and a simultaneous or subsequent heat treatment fixes that image. The system has many advantages over existing microfiche technologies, produces a good deep black and is stable. Other applications eg security printing are envisaged. Seeking an investment partner.

1302 710 W L P  
**PAPER PULP MOULDING MACHINE** A non-exclusive franchise is offered for a low-cost paper pulp moulding machine capable of producing egg-trays, boxes, biodegradable plant pots, food trays, etc. Requires only waste paper and water as input raw materials.

Ref No. Org.No. Status Offer Source

1303 710 C L/J/E C  
**TUBULAR FINGER BANDAGE** A novel design of woven tubular finger bandage for domestic and industrial use which needs no applicator, scissors or tape and can be easily self-applied. Superior to adhesive dressings, permeable to air and easy to remove. Should be in every first aid box. All forms of transfer considered.

1304 710 M L/J C  
**TAMPER-EVIDENT PACKAGING** Of laminated composition, the packaging leaves a telltale coloration after it has been opened or punctured. There is a high demand for 'smart packaging' which can not only show that attempts have been made to open or tamper with it, but which also authenticates the branding of the goods. Company seeks joint venture project and funding for further development.

1305 710 W L/J P  
**MULTI-PURPOSE AGRICULTURAL/HORTICULTURAL STEEL HAND TOOL** A robust hoe head of advanced design which combines a wide range of individual functions in one implement. It can be used for hoeing/forming seed drills/levelling/scraping and working heavy soils without any adaption. It can be manufactured as a steel forging or a welded assembly and contains no moving parts. This cost effective implement will increase mobility and reduce the equipment inventory with consequent increase in productivity.

Ref No.	Org.No.	Status	Offer	Source	Ref No.	Org.No.	Status	Offer	Source
1306	710	U	L/J	C					
<b>RANGE OF HIGH EFFICIENCY FLUORESCENT LIGHTING UNITS</b> A range of attractive fluorescent lighting units designed for ease of installation and tube replacement. High frequency electronic ballasts ensure instant start up without flicker using high efficiency tubes and special reflective films. The units are BRECON approved. Each unit is individually switched and can be changed from down lighting to architectural uplighting, either manually or by an infra-red signal. A manufacturing licence is offered for this range which is designed for low cost manufacture and assembly using aluminium extrusions.									
1307	710	M	L/J	C					
<b>STEAM-STERILISATION MARKER</b> In the form of an active substrate or ink, this material is designed to be a 'dosimeter' recording the fact that goods have been adequately sterilised by the steam pressure techniques. The colour change may be colourless to black, red to black, etc. Seeking an investment partner.									
1308	710	W	L/J	R					
<b>WELL JETTING RIG</b> This rig is designed to jet wells down to 12 metres and install a lining of corrugated drainage pipe. The hole is backfilled with gravel to act as a filter, and the plastic pipe can be sleeved with polythene to stop surface water contamination. Operated by two people, the rig works best on alluvial soils.									
1309	710	W	L/J	C					
<b>ELECTROCHLORINATOR FOR WATER STERILISATION</b> The electrochlorinator produces a constant supply of chlorinated water from a salt and water feedstock. The high efficiency of this particular system results from the patented geometry of the electrochemical cell. For sterilisation of drinking water, water used in food and medical processes, swimming pools, etc.									

# REQUESTS - TRANSPORT, AUTOMOTIVE

**Ref.No. Org.No. Status Request Source**

**1310 4 F/C L/J C**  
**EXHAUST SYSTEMS** Company seeks expertise in manufacture of complete exhaust systems.

**1311 4 C L/J C**  
**DIE SET FOR EXHAUST SYSTEMS** Die set tool maker for muffler and complete exhaust system.

**1312 7**  
**CV JOINTS** Technology required to manufacture CV joints for front wheel drive automobiles of Japanese make on joint venture/licence basis, with or without machinery, technical know-how, financial assistance if possible. We have technically trained staff and appropriate building.

**1313 61 C L/J C**  
**INNOVATIVE PRODUCTS FOR THE AUTOMOBILE SECTOR** Leading brands, auxiliary products for automobiles, repair workshops, parts shops.

**1314 61 C L/J C**  
**NEW SOLUTIONS TO SEAL ENGINE JOINTS** in particular for automobiles. Materials that are used between iron pieces in the industry.

**1315 61 C L/J C**  
**INSULATION FOR INDUSTRIAL USE OR FOR ENGINES** Flat sandwich, silicon spirometers and teflon joints, PTFE tape, retainers, in fitting materials.

**1316 72.04 C**  
**DIGITAL ELECTRONIC METERS FOR VEHICLES**

**1317 78 L/J C**  
**SPEEDOMETER AND COMMAND CABLES** including accelerator, brake and idling cables etc.

**Ref.No. Org.No. Status Request Source**

**1318 145 C J C**  
**AUTO HEAD LAMP SHELLS FOR HEADLIGHT OF AUTOMOBILES** Capacity: suitable depending on technology. Market: good domestic as well export market. Raw materials: available in India.

**1319 152 L/J C**  
**AUTO COMPONENT MANUFACTURE** We intend to produce auto components like a) wheel cylinder and bisector, b) tie rod ends, c) yoke and teeth (propeller shaft front teeth), d) flange (centre jhoola coupling flange), e) valve rocker arm shaft, f) axles, g) gear parts etc. Mainly for Bedford, Hindustan-J6 trucks as well as other similar auto components. Existing engineering industry (general purpose type) available. Special type machinery and equipment may be procured. We are looking for technology transfer and/or joint collaboration.

**1320 572 C L C**  
**AUTOMOBILE CARBURETTORS** Knowhow for the manufacture of fuel efficient two wheeler and four wheeler automobile carburetors.

**1321 597 C D P**  
**WINDSCREEN WIPER FOR CARS** Party is interested in manufacture of windscreen wipers used for cars for which there is a growing demand.

**1322 628 C D C**  
**STEEL FORGINGS** Party is interested in manufacture of automotive structural parts forgings.

REQUESTS I. TRANSPORT, AUTOMOTIVE

Ref No.	Org.No.	Status	Request	Source	Ref No.	Org.No.	Status	Request	Source
1323	629	C	D	C					
<b>METALLIZING SHAFTS</b> Party interested in manufacture of metallizing powder for shafts, rollers used in automobile engineering and machine tool engineering industries.									
1324	669		T/D	C					
<b>MANUFACTURE OF BRAKE LININGS</b> Plant, know-how and training sought.									
1325	695	C	L/J/K/E	C					
<b>FARM TRACTOR TECHNOLOGY</b>									



Ref No.	Org.No.	Status	Request	Source	Ref No.	Org.No.	Status	Request	Source
1326	72.28			C					
<b>LEATHER AND HOSIERY PRODUCTS</b>									
1327	72.30			C					
<b>LEATHER PROCESSING</b>									
1328	72.48			C					
<b>LEATHER SHOE UPPERS</b>									
1329	72.59			C					
<b>MANUFACTURE OF LEATHER GARMENTS</b>									
1330	72.60			C					
<b>MANUFACTURE OF CANVAS SHOES</b>									
1331	669	F	E	G					
<b>SMALL SCALE PRODUCTION OF LEATHER SHOES</b> Production equipment for a complete production line.									
1332	673		J/K	P					
<b>GLUE FROM TANNERY WASTE</b> We are interested in having plant on turnkey basis for 300 tons of glue to be manufactured from tannery waste (fleshing).									
1333	692	F	J/L	C					
<b>LEATHER FURNITURE MANUFACTURER</b> seeks potential suppliers/partners able to a) supply fully treated top quality leather hides b) companies capable of cutting and sewing leather into kit form ready for final UK fitting.									

Ref No. Org.No. Status Request Source

1334 1 C J P  
**EXTRACTION OF HEGOGENINS** Seeking technology for extraction of hegozenins (steroid bases) from the agave species of sisal.

1335 2 F S C  
**AGRICULTURAL MACHINERY AND ELECTRICAL APPLIANCES** Technology development in agricultural machinery to include hammer milker, rice hullers and polishers, feed mill mixers, air compressors etc. Also technology on electrical appliances to include table top coolers, upright cookers with oven. Technology on tractors with specific attention on walking tractors.

1336 5  
**ELECTRONIC TESTING INSTRUMENTS** Technology for electronic testing instruments for use in the power sector are sought on a royalty or equity basis.

1337 25 C L/J  
**AUDIO VISUAL EQUIPMENT** Technology and expertise sought to develop the audio visual industry in Ghana. Design and production of amplifiers, mixers, equalizers, power amplifiers, car stereos, colour TV, video decks, recording studio equipment, are all sought.

1338 25 C L/J  
**MANUFACTURE OF P.C.B.s** Technology and expertise sought to establish a manufacturing plant for printed circuit boards.

1339 29 C J C  
**SOLAR VOLTAIC CELLS AND CONVENTIONAL LIGHTING EQUIPMENT** Technology sought for solar voltaic cells and modules as well as domestic and street lighting products, emergency portable lighting equipment and refrigerators.

Ref No. Org.No. Status Request Source

1340 55 P L C  
**DIETHYL MALEATE** Manufacture of diethyl maleate from raw material 95% purity ethyl alcohol and commercial grade maleic anhydride of purity 99%.

1341 61 C C  
**MEASUREMENT AND CONTROL EQUIPMENT** such as electrical networks (electrical analysers etc) telecommunication networks, data scopes, signal measurers etc.

1342 61 C C  
**SUBSTITUTE SOLUTIONS FOR CABLE SYSTEMS** radio frequency.

1343 61 C L/J C  
**PLASTIC PRODUCTS FOR HOSPITALS** These can be: pipettes, syringes, drip regulators, chamberpots, waste depositors etc.

1344 61 C L/J C  
**FINE CHEMICALS** ie products of complex manufacture, in the field of local anaesthetics, hypnotics etc.

1345 61 C L/J C  
**PLASTIC PRODUCTS FOR PHARMACEUTICAL LABORATORIES** Systems and solutions for packaging of pharmaceutical products such as flasks, opening systems, seals, plastic packaging for flasks etc. Exhibitors so that laboratories can display their products in chemists.

1346 61 C L/J C  
**PLASTIC PRODUCTS FOR THE COSMETIC INDUSTRY** items such as diffusers or sprays for cosmetic products.

1347 61 C L/J C  
**AIDS FOR PRODUCTS** in the pharmaceutical industry such as flavocents, aromatizers etc.

Ref.No.	Org.No.	Status	Request	Source	Ref.No.	Org.No.	Status	Request	Source
1348	61	C	C		1353	61	C	L/J	C
<b>NEW TYPES OF SIGNAL AND CONTROL CABLES</b> that have innovative characteristics for instance: high temperature resistance, superflexible etc.					<b>TECHNOLOGIES FOR THE RECOVERY AND/OR RECYCLING OF COMPUTER COMPONENTS AND EQUIPMENT</b> Electronic components; as prime material of any process, for second hand sales, to reuse part of the equipment; printed circuits: in order to recycle the existing materials (gold, copper), to reuse part of the equipment; electrical components of a computer: coils, blots, sockets, plugs, electrical cables.				
1349	61	W	L/J	C	1354	61	C	L/J	C
<b>SOFTWARE TOOL (EDITOR) FOR MAKING INTERACTIVE APPLICATIONS IN THE BANK SECTOR</b> that works in cash dispensers and allows the client/user carry out all kind of operations. Through the applications made with this editor the user can take actions like: payment of taxes; electric light, water and gas bills etc. Buy show and sports tickets; buy products, presents etc. Automatic payment. Consultation of standard information: to read foreign exchange and stock exchange shares etc. Consultation of non-standard information: current account movements, credit balance etc. Make banker's order to another account etc.					<b>ELISA TYPE KITS</b> Techniques for use with DNA (PCR: Polymerase Chain Reaction), microbe identification strips etc for the microbiological control of animal fodder and food.				
1350	61	C		C	1355	72.14			C
<b>TELECOMMUNICATION CABLE SYSTEM</b> based on fibre optics, pairs of wires, coaxial cables as well as their accessories: connectors, telephone connectors, bridge wires, multiplexors etc.					<b>PROPIONIC ACID</b>				
1351	61	C	L/J	C	1356	72.14			C
<b>SYSTEMS FOR THE DETECTION OF BACTERIA IN LIQUIDS</b> drinking water, waste water and refreshments etc.					<b>PROPIONIC ANHYDRIDE</b>				
1352	61	C		C	1357	72.14			C
<b>ACCESSORIES RELATED TO SIGNAL CABLES</b> these can be: Terminators, connectors, or whatever accessory that can be used on these cables etc having specific characteristics of size, resistant to high temperatures, able to work in adverse conditions etc making them innovative products.					<b>2-CHLOROPROPIONIC ACID</b>				
					1358	72.14			C
					<b>DIPHENYL OXIDE</b>				
					1359	72.14			C
					<b>PROPIONATES</b>				
					1360	72.16			C
					<b>BUTYLHYDRO QUINONE</b>				
					1361	72.16			C
					<b>DEXTRO-TARTARIC ACID</b>				
					1362	72.16			C
					<b>BU'YLATED HYDROXY ANISOLE</b>				
					1363	72.16			C
					<b>D-TARTARIC ACID</b>				
					1364	72.20			C
					<b>ULTRASONIC FLOW METERS</b>				

# REQUESTS IN HIGH TECHNOLOGY

Ref No.	Org.No.	Status	Request	Source	Ref No.	Org.No.	Status	Request	Source
1365	72.24			C	1380	72.55			C
FOAM COMPOUND					DISPOSABLE SYRINGES				
1366	72.26			C	1381	72.55			C
ELECTRONIC PRODUCTS					SURGICAL GLOVES				
1367	72.26			C	1382	72.55			C
PRECISION ENGINEERING PRODUCTS					4-CHLORO-2-METHYL PHENOXY ACETIC ACID (MCPA)				
1368	72.26			C	1383	72.57			C
PLASTIC PRODUCTS					PRODUCTION OF TRICANXIFOS FAT AND GELATIN				
1369	72.29			C	1384	145	C	J	C
CHROMIUM COMPOUNDS					SECURITY PAPERS FOR PRINTING OF CURRENCY NOTES Capacity: 1500 to 3000 tonnes per annum. Raw materials: available in India.				
1370	72.33			C	1385	145	C	J	C
2 ACETYL 6 METHOXY NAPHTHALENE					HYBRID MICRO CIRCUITS Capacity: 0.5 million Nos. Market: demand expected during 1994-95 is 15 M Nos. HMCs worth RS 100 crores. The licensed capacity in 1989 is estimated to be just about Rs. 30 crores. Raw materials: substrates, conductor paste (gold), conductor paste (pd Ag), resistor paste (various resistivities), adhesive (conducting).				
1371	72.34			C	1386	145	C	J	C
EXTRACTION OF OLEOROSIN					OPTICAL FIBER CABLES FOR COMMUNICATIONS Capacity: 40,000 fiber kilometers. Market: market expected to be around 100,000 fiber kilometer, existing capacity in India only around 50,000 fiber km. Can take up manufacture for imported optical glass fiber or could also have facilities for manufacture of optical fiber.				
1372	72.36			C					
SURGICAL INSTRUMENTS AND EQUIPMENTS									
1373	72.37			C					
PERFORMANCE CHEMICALS FOR PETROLEUM INDUSTRY									
1374	72.40			C					
SILICON CHIPS									
1375	72.40			C					
QUARTZ FOR WATCHES									
1376	72.42			C					
AC METALLISED POLYPROPYLENE FILM CAPACITORS									
1377	72.46			C					
MANUFACTURE OF IBUPROFEN DRUG									
1378	72.47			C					
MANUFACTURE OF ETHOXY METHYLENE MALONIC									
1379	72.55			C					
PRODUCTION OF BROMOXYNIL									

Ref No. Org.No. Status Request Source

1387 145 C J C  
**HARD DISK DRIVES FOR COMPUTERS**  
 Capacity: 20,000 units per annum, 10 MB to 120 MB. Market: the production of hard disk drive for the year 1988-89 is 200 Nos value Rs. 1.19 million. Estimated demand in 1995 - 268 Nos value of Rs. 2412 million. Raw materials: read/write heads, stapper motor, DC motor, actuator, spindle, electronic components, plastic and mechanical parts etc.

1388 145 C J C  
**SYNTHETIC IRON OXIDE OR GAMMA FERRIC OXIDE** used for coating audio/video/computer tapes etc. Capacity: 1000 metric tonnes per annum.

1389 303 C D P  
**POLYIMIDE** Party is interested in manufacturing of polyimide used in chemical industries.

1390 305 C D P  
**EPOXY RESIN** Party is interested in manufacturing of precipitated silica and activated carbon used in engineering industries.

1391 305 C E/D G  
**EPOXY RESIN** Epoxy moulding compound (EMC) is high insulating polymer composite.

1392 306 C E/D G  
**EPOXY MOULDING COMPOUND** is a high insulating polymer composite for protecting semiconductor devices, which is composed of special epoxy resin, hardner, fillers and other additives. For protecting IC chip this product gives high moisture resistance, high heat resistance, and low water absorption properties. EMC is lower cost and easier to use in IC packaging process than ceramic IC packaging materials. The advantage of this product is high moisture resistance.

Ref No. Org.No. Status Request Source

1393 306 C D C  
**EPOXY MOULDING COMPOUND** Party is interested in manufacture of epoxy moulding compound, copy machine toner and heat shrinkable tube compound.

1394 308 C J/D G  
**MANUFACTURE OF POLYIMIDE** Polyimides are super engineering resins which have excellent heat resistance, good thermomechanical strength, and can be used for semi conductor passivation coatings, films for flexible PCB, and other electronic parts by designing its molecular structure. The offered license (SAIT-PI) can cover up to 4M-DRAM semi conductor chip passivation without additional adhesion promoters.

1395 310 C E/D G  
**EPOXY MOULDING COMPOUND** is a high insulating polymer composite for protecting semiconductor devices, which is composed of special epoxy resin, hardener, fillers, and other additives. For protecting IC chip, this product is designed specially in respect to high moisture resistance, high heat resistance, and low water absorption properties. EMC is lower cost and easier to use in IC packaging process than ceramic IC packaging materials. The advantage of this product is high moisture resistance and high heat resistance.

1396 318 F J/L P  
**DENTAL UNIT** Dental unit: complete dental x-ray unit. Dental x-ray unit being imported. Increasing demand. All infrastructure available.

1397 318 F J/L P  
**STATIONARY ANODE X-RAY TUBES AND DENTAL X - RAY TUBES** Manufacturers of 15/25mA stationary anode x-ray tube, 30/50mA stationary anode x-ray tube and dental x-ray tubes.

Ref.No. Org.No. Status Request Source

1398 318 F J/L P  
**X - RAY GRIDS** of various sizes and specifications ranging in application from stationary use to use in diagnostic/sophisticated x-ray equipment.

1399 319 P J/L C  
**PLASTIC INJECTION MOULDING MACHINE**  
 Technology for plastic injection moulding machines with CNC controller and advanced hydraulics and which is suitable to process engineering plastic raw material, such as polycarbonate, glass filled nylon, carbonate for various industries.

1400 325 C L C  
**FORMULATION OF GROWTH PROMOTING CHEMICALS - HORTICULTURE** Technology of formulation of growth promoting chemicals in agriculture with particular reference to horticulture.

1401 325 C L C  
**SEPARATION OF AMINO ACIDS FROM HYDROLYSED PROTEINS** Technology of separation of amino acids from hydrolysed proteins by ion exchange method.

1402 325 C L/J C  
**ALPHA NAPHTHYL ACETIC ACID AND TRIACOTONOL AS BASIC CHEMICALS** Technology for producing Alpha Naphthyl Acetic Acid and Triacotonol as basic chemicals.

1403 325 C L C  
**ORNAMENTAL PLANTS** Technology of ornamental plants by tissue culture with buy back arrangement.

Ref.No. Org.No. Status Request Source

1404 332 C L C  
**STYRENE MALEIC ANHYDRIDE MOULDABLE RESINS** Manufacturing technology for styrene maleic anhydride mouldable resins starting from styrene monomer and maleic anhydride. Both raw materials are available in India. Plant capacity 15,000 - 25,000 TPA. The technology should be in commercial production and offered to us for manufacture under licence.

1405 340 C J/L P  
**SOLID MODELLING/CAD** Technology for PC based solid modelling/CAD for mechanical product design and FEM analyses.

1406 340 C J/L C  
**CAD FOR PLASTIC MOULDS** Technology for CAD of plastic moulds for engineering plastics, dies for metal casting (pressure and gravity). May offer technology for manufacture of same. Request similar offers for press tool design and manufacture too.

1407 348 C D P  
**SEPARATION OF ACRYLIC FROM PVC MATERIAL** Party is interested in segregation and recycling of waste plastic materials like acrylic from PVC material. Small particles of copper from PVC grinding, processing of foam PVC waste.

1408 360 C D P  
**ELECTRONIC COMPONENTS** Party is interested in development of electronic items used in production of TV, VCR, cassette player, transistor, radio etc.

1409 360 C D P  
**INDUSTRIAL JEWELS** Party is interested in development and manufacturing technology of industrial jewels.

1410 572 C L C  
**WOODPLAST** Knowhow, plant and machinery for the manufacture of woodplast (PVC wood substitute sheets etc.) for furniture and interiors.

Ref.No. Org.No. Status Request Source

1411 572 C L C  
**POLYPROPYLENE FILM** Know-how, plant and machinery for the manufacture of biaxially oriented polypropylene film (PP) for electrical resistors.

1412 572 C L C  
**PLASTIC ADDITIVES** Knowhow, plant and machinery for the manufacture of plastic additives (thermal stabilizers, antioxidants, crystallising agents, colourants, slip agent etc.).

1413 573 C J/L P  
**ELECTRONIC EQUIPMENT** Electronic equipment: glucometer, chemical analyser, AIDS test kit, computerised eye test, kit, educational robot, CNC trainer kit and microprocessor based equipment.

1414 574 P J/L C  
**HYDROGEN PEROXIDE** Technology for producing hydrogen peroxide with latest cost effective technology.

1415 575 P L C  
**TRIETHYL PHOSPHATE** Manufacture of triethyl phosphate from raw material 95% purity ethyl alcohol and commercial grade phosphorous pentoxide.

1416 575 P L C  
**LIGHT FAST KETONE ALDEHYDE RESIN** Manufacture of light fast (non yellowing) ketone aldehyde resin such as recation of formaldehyde and cyclohexanone resin.

1417 575 P S C  
**ETHYL HEXYL ACRYLATE** Manufacturers of 2 ethyl hexyl acrylate from raw material 35% purity acrylic acid and 99.5% purity ethyl hexanol.

Ref.No. Org.No. Status Request Source

1418 578 C J P  
**ZINC OXIDE (97% PURITY)** Manufacture of zinc oxide (97% pure) from zinc hydroxide. Zinc hydroxide comes as a waste product / by product in process of manufacturing hydross or sodium formaldehyde sulfordate. This hydroxide would be in powder or liquid form with a zinc content of 60 - 70%.

1419 579 P L C  
**CHEMICAL AND ALLIED PRODUCTS**

1420 581 C J/L C  
**PROCESS CHEMICAL INDUSTRY** Technology for process chemical industry including heavy and fine chemicals, electro chemicals, petro chemicals, insecticide and pesticides.

1421 584 C D L  
**COPIER MACHINE PARTS** Party is interested in technology of CDS drum manufacturing and parts of copier machine and domestic appliance preferably electronic gadgets.

1422 586 C D L  
**CERAMIC RESONATORS** Party is interested in acquiring technology for manufacture of ceramic membranes as ceramic filters for industrial use in high temp and corrosive atmosphere. Multilayer ceramic capacitor technology, high voltage ceramic resistors, metal alcoxide preparations for thin film, fibres and powders, ceramic fibre boards and sintered alumina.

1423 587 C D P  
**DOMESTIC APPLIANCES/ELECTRONIC ITEMS** Party is interested in manufacture of domestic appliances like washing machine, water heater, vacuum cleaner etc. In addition party wants to develop electronic items like television, VCR, etc.

Ref No. Org.No. Status Request Source

1424 589 C D P  
**ELECTRONIC ITEMS** Party is interested in development of electronic items used in TV, VCR, transistor radio etc and copy machine toner, epoxy compound.

1425 590 C D P  
**FAX MACHINES** Party is interested in development of fax machines for use in offices.

1426 590 C D P  
**MEASURING INSTRUMENTS** Party is interested in manufacture of measuring instruments like vernier caliper, micrometer, height gauge, thread gauge etc.

1427 597 C D P  
**DOMESTIC DISC ANTENNA FOR TV RECEIVING SATELLITE BROADCASTS** Party is interested in manufacture of domestic disc antenna for receiving TV satellite signals.

1428 598 C D P  
**PHOTO VOLTAIC PUMPS AND SILICON WAFERS** Party is interested in the manufacture of photovoltaic pumps and silicon wafers used in engineering industries.

1429 599 C D P  
**FILM AND BAGS OF POLYETHYLENE** Party is interested in production of film and bags of polyethylene.

1430 601 C D C  
**ADVANCED MATERIAL/ELECTRONIC ITEMS** Party is interested in manufacture of advanced materials used in the electronic industries.

1431 607 C D P  
**ADVANCED MATERIAL/ELECTRONIC ITEMS** Party is interested in production of advanced materials used in engineering industries.

Ref No. Org.No. Status Request Source

1432 608 C D C  
**DISPOSABLE SURGICAL GLOVES AND BLOOD BAGS** Party is interested in manufacturing technology of disposable surgical gloves and blood bags used in hospital, clinic for medical treatment.

1433 608 C D P  
**PVC FILM EXTRUSION PLANT** Party is interested in manufacturing technology of PVC film extrusion plant used in engineering industries.

1434 611 C D C  
**SPECIALITY CHEMICALS** Party is interested in manufacturing technology for special chemicals used in bio technology.

1435 613 C D C  
**CHEMICALS AND PHARMACEUTICALS** Party is interested in manufacturing chemicals and pharmaceuticals which are in extensive use in daily life for domestic and medical purposes.

1436 615 C D C  
**LOW VOLUME HIGH VALUE BULK DRUGS** Party is interested in manufacture of tablets, ointments and injectables used as medicine for patient treatment.

1437 618 C D C  
**MULTILAYER TECHNOLOGY FOR PCB'S** Party is interested in manufacturing multilayer technology for PCB's which find extensive usage in electronic and communication engineering.

1438 621 C D P  
**SODIUM ISOPROPYL XANTHATE** Party is interested in manufacture of sodium isopropyl xanthate and potassium ethyl xanthate used in chemical engineering field.

1439 624 C D C  
**BIO PESTICIDE** Party is interested in manufacture of bio pesticides used in agriculture.



Ref No.	Org.No.	Status	Request	Source	Ref No.	Org.No.	Status	Request	Source
1440	625	C	D	P					
<b>CONTACT LENSES</b> Party is interested in manufacture of contact lenses for restoring the eyesight.									
1441	626	C	D	P					
<b>POWDER FOR SOFT FERRITES OF LOW POWER LOSS TYPE CORES</b> Party is interested in manufacture of powder for soft ferrites of low power loss type cores, cores for low power loss fly back transformers, deflection yokes and telecom cores etc. used in electronic and communication industries.									
1442	630	C	D	C					
<b>FINE CHEMICALS</b> Party is interested in manufacture of fine chemicals used in engineering.									
1443	642	C	D	C					
<b>ELECTRONIC ITEMS</b> Party is interested in manufacture of electronic items used in radio, transistor, TV, VCR and VPC etc.									
1444	684	F	L	C					
<b>ELECTRONIC PRODUCTS</b> Personal computers, plain paper copiers, facsimiles, calculators and cash registers.									
1445	696		J/E/D	C					
<b>POWER ELECTRONICS UNINTERRUPTED POWER SUPPLIES AND ELECTRONIC BALLAST</b> Future plans of moving on to electronic packaging facility like chip on board etc (full details on Indian market available).									

Ref No. Org.No. Status Request Source

1446 61 C L/J C  
**SYSTEMS FOR PRODUCING ALTERNATIVE ELECTRICAL ENERGY** based on the use of forest waste, domestic waste etc.

1447 61 C L/J C  
**SYSTEMS FOR PRODUCING ELECTRICAL ENERGY AND WATER VAPOUR FROM GAS**  
 Can be natural gas or gas produced from burning waste.

1448 72.10 C  
**COCONUT SHELL CHARCOAL**

1449 72.25 C  
**SOLAR ENERGY-BASED DOMESTIC APPLIANCES**

1450 72.34 C  
**COCONUT SHELL CHARCOAL BRIQUETTES**

1451 72.55 C  
**PHOTO VOLTAIC SOLAR ELECTRIC MODULES**

1452 145 C J C  
**SILICON WAFERS FOR SOLAR CELL APPLICATION** Capacity: 5 mega watts per year valuing about Rs. 200 million. Market: demand in India likely to be 10 MW by 1995-96, present production only 1 MW. Raw materials: may have to be imported.

1453 591 C D C  
**SOLAR ENERGY** Party is interested in development of solar energy systems like solar cooker, solar water heater, solar pump, solar battery etc.

1454 598 C D P  
**SOLAR POWER PLANT** Party is interested in manufacture of solar power plant used for power generation in villages.

Ref No. Org.No. Status Request Source

1455 671 L/J/D C  
**SOLAR VOLTAIC CELLS AND PANELS** We are very keen to enter into solar thermal and solar photovoltaic cells/panels/systems. We have done market research and other studies. We are fully convinced that this will be a blue chip area for the Indian scenario.

- | Ref No.   | Org.No. | Status | Request | Source | Ref No.  | Org.No. | Status | Request | Source |
|---|---------|--------|---------|--------|--|---------|--------|---------|--------|
| 1456  | 2       | F      | S       | C      | 1462   | 61      | C      | L/J     | C      |
| <b>AGRICULTURAL MACHINERY AND ELECTRICAL APPLIANCES</b> Technology development in agricultural machinery to include hanmer milker, rice hullers and polishers, feed mill mixers, air compressors etc. Also technology on electrical appliances to include table top coolers, upright cookers with oven. Technology on tractors with specific attention on walking tractors. |         |        |         |        | <b>SYSTEMS FOR THE DETECTION OF BACTERIA IN LIQUIDS</b> drinking water, waste water and refreshments etc.  |         |        |         |        |
| 1457  | 3       | C      | J       | C      | 1463   | 61      | C      | L/J     | C      |
| <b>FOOD PROCESSING</b> Interested in food processing line, preferably on joint venture basis. Financial and technological co-operation is solicited.  |         |        |         |        | <b>EQUIPMENT TO DETECT MICROBIC CONTAMINATION</b> in the laboratories of food, cosmetic or pharmaceutical companies, apparatus that, automatically or semi-automatically, determine the quality of microbes in a sample.   |         |        |         |        |
| 1458  | 15      |        |         |        | 1464   | 61      | C      | L/J     | C      |
| <b>PLANT AND MACHINERY FOR DEHYDRATION OF FRUITS</b> Required technology/plant and machinery under licence/joint venture for dehydration of fruits, vegetables and condiments. Also want to enter in joint venture for processing of fruits and vegetables.   |         |        |         |        | <b>MANUFACTURE OF INDUSTRIAL PASTRY WITH CONSERVING CAPABILITIES</b> (allowing the final product to remain fresh for a certain amount of time), to substitute those products now in use (E-330, E-200, E-202). Among these technologies, for example, they would be interested in: gas injected packaging, infra-red pasturized packaging. |         |        |         |        |
| 1459  | 19      | C      | L/J/S   | C      | 1465   | 61      | C      | L/J     | C      |
| <b>DICALCIUM PHOSPHATE - FOOD/FEED GRADE</b> Starting from rock phosphate/phosphoric acid. The technology must have been proven on the plant of 5000 MT/annum capacity at least. We shall require know-how and complete design package (basic and detailed engineering).  |         |        |         |        | <b>MANUFACTURE OF INDUSTRIAL PASTRY WITH IMPORTANT COLOURANT CHARACTERISTICS</b> or natural colourant for food.  |         |        |         |        |
| 1460  | 61      | C      | L/J     | C      | 1466   | 61      | C      | L/J     | C      |
| <b>MANUFACTURE OF INDUSTRIAL PASTRY WITH EMULGENT POWER</b> allowing the substitution of those products already in use (E-471, E-475). For example, it is thought that certain processes with yoghurt can have this effect.   |         |        |         |        | <b>PRODUCTS FOR USE IN THE QUALITY CONTROL OF COSMETICS</b> Allergy kits, toxicity tests etc.  |         |        |         |        |
| 1461  | 61      | C      | L/J     | C      | 1467   | 69      | C      | J       | C      |
| <b>MANUFACTURE OF INDUSTRIAL PASTRY WITH GASEOUS CHARACTERISTICS</b> (allowing the final product to have small air cavities) allowing the substitution of those products already in use (E-334, E-500)  |         |        |         |        | <b>JOINT VENTURE PARTNER TO PRODUCE FOOD PRODUCTS FROM TROPICAL FRUITS</b> and also a joint venture partner to do a small paper plant using recycled paper and rice, straw or sugar cane waste for paper. The market will be both local and export.  |         |        |         |        |
|   |         |        |         |        | 1468   | 72.02   |        |         | C      |
|   |         |        |         |        | <b>FRUIT PROCESSING AND DISTILLERY</b>   |         |        |         |        |
|   |         |        |         |        | 1469   | 72.05   |        |         | C      |
|   |         |        |         |        | <b>JUTE PRODUCTS</b>   |         |        |         |        |

Ref No.	Org.No.	Status	Request	Source	Ref No.	Org.No.	Status	Request	Source
1470	72.06			C	1483	155		J	C
<b>PRODUCTION OF BEVERAGES AND DAIRY PRODUCTS</b>					<b>USE OF BROKEN RICE</b> Uses of broken rice/ rice unfit for human consumption for a) industrial use b) starch production. We want techno-economical study. Flow sheets, equipment details, budgetary price of equipment.				
1471	72.08			C					
<b>YEAST</b>									
1472	72.09			C	1484	156		J/K	C
<b>FRESH AND BRACKISH WATER PRAWN FARMING</b>					<b>PINEAPPLES AND MANGOES JUICE EXTRACTION</b> Processing and preserving line, complete with machinery offer on turnkey basis.				
1473	72.13			C					
<b>CASHEW NUT SHELL LIQUID</b>									
1474	72.19			C	1485	163	F	L/J/D	P
<b>PRODUCTS FROM SPENT ROOTS OF LICORICE</b>					<b>CANNING LINE</b> Small scale multipurpose canning line. Technology required for the processing, preparing of corned mutton, corned beef and such related products for the local market and export. Raw material and infrastructure available.				
1475	72.27			C					
<b>PROCESSING OF CITRUS FRUITS</b>									
1476	72.31			C	1486	167	M	E	G
<b>RICE FLAKE (POHA)</b>					<b>GREEN VEGETABLE PROCESSING</b> Transformation of green leafy vegetables: for use in soup preparation and conserved as frozen not dried. Machines needed for slicing, washing, packaging and storage at room temperature or frozen.				
1477	72.32			C					
<b>SOYA PROTEIN BISCUITS</b>									
1478	72.51			C	1487	245	C	E/D	G
<b>MILK DAIRY</b>					<b>COCONUT CREAM</b> as concentrated from coconut milk is used as a culinary item in food preparations and in confectionery (food processing industries). It is a wet process involving a number of steps such as dehiscing, splitting and deshelling to fresh matured coconuts, blanching the kernels followed by comminution and milk extraction which is then emulsified with additives and pasteurisation and canning.				
1479	72.56			C					
<b>PRODUCTION OF PEANUT OIL</b>									
1480	72.57			C	1488	316	P	L	C
<b>PROCESSING OF DUCK FEATHERS</b>					<b>SUGARCANE HARVESTER</b> A self propelled sugarcane harvester which negotiates the field and is able to cut the canes at uniform height.				
1482	153	U	J	C					
<b>FOOD PROCESSING</b> To process large quantities of wild fruit ( <i>Sclerocarya Caffra</i> ) and a large type of water melon that is only suitable for cooking and has a shelf life of up to two years. To produce jams, juices, dried fruit products etc. Have an 800 sq m factory and 1000 lbs steam/hour + most basic equipment.									

Ref No. Org.No. Status Request Source

1489 317 C L P  
**FOOD PROCESSING MACHINE** Technology for making various food processing machines.

1490 325 C L C  
**HIGH PUNGENT AND COLOUR FRACTIONS FROM INDIAN CHILLI**

1491 337 C J/L P  
**MULTI LAYERED PLASTIC FILMS** Technology for manufacture of multi layered plastic films for packing of cooked food which can be directly heated in microwave oven without opening. Similar food packaging technology.

1492 359 C K/E P  
**SUGAR CUBE MANUFACTURING** Party is interested for plant for sugar cube manufacturing which are used in hotel industries and domestic.

1493 476 C  
**STARCH AND GLUCOSE PRODUCTION** Small scale starch and glucose production from cassava or maize.

1494 572 C L C  
**PLANT AND MACHINERY FOR PROCESSING FRUITS AND VEGETABLES** Knowhow, plant and machinery for processing (freeze dried) fruits and vegetables, fruit juice concentrates and lime processing (lime oil, concentrate and pectin).

1495 620 C D C  
**EGG POWDER AND EGG PRODUCTS FOR DOMESTIC AND EXPORT MARKET** Party is interested in manufacturing egg powder and egg products for domestic market consumption and export market

Ref No. Org.No. Status Request Source

1496 623 C D P  
**AGRICULTURAL EQUIPMENT** Party is interested in manufacture of tractor mounted root harvesting equipment for potato and beet. Reciprocating and vertical axis power harrows and tractor mounted excavators used for agricultural purposes.

1497 651 C D P  
**LATEST MODELS/DESIGNS OF SMALL COMPACT FLOUR MILLS** for domestic use for grinding wheat, corn, bajri and other grains. Preferably with buy back agreements. No special environmental requirements are needed.

1498 651 C D P  
**DESIGNS OF SMALL COMPACT EDIBLE OIL MILL MACHINERY FOR DOMESTIC USE** easy to handle output, approx: 500/700 kgs of oil per 12 hours for crushing groundnuts, sesame rape seeds and other oil bearing seeds. Preferably with buy back agreements. No special environmental requirements are needed.

1499 669 F D G  
**MANUFACTURE OF FRESH (WET) BAKER'S YEAST** Small scale production, output 10 tons per year.

1500 669 F D G  
**EQUIPMENT FOR A 5 TONS/DAY MARGARINE PLANT** Small scale production of margarine from sunflower oils mixed with edible animal fats. A votator unit should be used for crystallizing the mixture. With packing of the 250g margarine bricks.

1501 670  
**COMMODITIES PRODUCTION** (soap from coconut and palm tree, agro allied production).

Ref No.	Org.No.	Status	Request	Source	Ref No.	Org.No.	Status	Request	Source
1502	672	J	C		1508	709	J	C	
<b>TEA BAG AND FRUIT JUICE PRODUCTION</b>					<b>JUICE EXTRACTION FROM FRUIT AND VEGETABLES</b>				
We need financial assistance in machinery and technology with i. oral support as we are a third world country. We are in great need of all possible assistance eg technical assistance. We would like machinery which can turn a corn pineapple, make pineapple juice, machines which can make tea bags etc. Local materials are available in Uganda.					Simple hand operated machinery for extracting juice from oranges, tomatoes etc on a small to medium scale and capable of being transported from location to location.				
1503	685	P	J	O					
<b>FOOD PROCESSING TECHNOLOGY</b>									
Fruits, vegetables and/or marine products are cleaned and converted into juice, pulp, crush, peaces, powder or kept intact. Under various processes like freezing, boiling or dehydrating they are processed and preserved and packed. With these process original taste and flavour are maintained for a long time. It has good export and domestic market. Since it is biodegradable it has no environmental hazard and can be a good manure.									
1504	687		D	C					
<b>MANUFACTURE/FABRICATION OF SMALL AGRO PROCESSING EQUIPMENT</b>									
Post harvest grain processing equipment, such as maize/rice hullers, sorghum huller, grain sheller, grain cleaner, destoners, stock feed mixers.									
1505	693	F	E	C					
<b>SMALL SCALE MANUFACTURE OF MILLET BEER</b>									
using labour intensive technology (raw materials: sorghum, finger millet malts).									
1506	693	F	E	C					
<b>SMALL SCALE (DESK TOP) CIGARETTE MAKING EQUIPMENT</b>									
Raw material, smoke cured tobacco.									
1507	697		J/K	C					
<b>OILS, FRUIT AND CONFECTIONERY</b>									
Essential oil - clove oil, lemon grass, lemon, coconut cream and tannery equipment.									

Ref No.	Org.No.	Status	Request	Source
1509	6	F	L/J	C
<b>GLUE LAMINATED STRUCTURAL WOODS</b> A manufacturer of construction materials seek business co-operation for production and marketing of glue laminated structural woods for rural buildings.				
1510	8	P	S	C
<b>MANUFACTURE OF ANIMAL FOODSTUFFS (DICALCIUM PHOSPHATE)</b> Process for manufacture of dicalcium phosphate - pharmaceutical/animal feed grade from rock phosphate powder by 'haifa route process' using mainly two ingredients viz mineral rock phosphate and hydrochloric acid.				
1511	19	C	L/J/S	C
<b>EPOXY AND POLYAMIDE RESINS</b> and other sophisticated resins/adhesives.				
1512	19	C	L/J/S	C
<b>DICALCIUM PHOSPHATE</b> Pharmaceutical grade.				
1513	19	C	L/J/S	C
<b>DERIVATIVES OF GLYOXAL</b> or other products which can be done on the Glyoxal 40% plant.				
1514	19	C	L/J/S	C
<b>DERIVATIVES OF PARA NITRO CHLORO BENZENE (PNCB)</b> Also products which could be made on the plant to manufacture PNCB/ONCB.				
1515	19	C	L/J/S	C
<b>MANUFACTURE OF BARIUM CARBONATE</b> using Barytes and instead of Sodium Carbonate, Carbon Dioxide.				
1516	25	C	L/J	
<b>COLOUR PRINTING PRESS</b> Colour printing press technology and machinery sought.				

Ref No.	Org.No.	Status	Request	Source
1517	25	C	L/J	
<b>MANUFACTURE OF PRODUCTS USING LOCAL RESOURCES</b> Partnership and finance sought to manufacture products in Ghana from local resources i.e. aluminium, wood, etc. Appropriate products might included loudspeakers, aluminium heat-sinks, aluminium castings, pressings and manufacture of parts and components for partner.				
1518	25	C	L/J	
<b>SERVICING OF VIDEO DECKS AND COLOUR TVs</b> Partnership and expertise sought to establish a service point for video and TV equipment.				
1519	53	C	L/J	C
<b>SYNTHETIC INDUSTRIAL DIAMOND POWDER</b> Technical know-how and the commercial manufacturing process to manufacture synthetic industrial diamond powder. Potential domestic market, essential raw material for modern abrasive industry. Please send details, cost and investment structure. Licence agreement preferred. Also send quality control system and details of the other terms and conditions.				
1520	61	C	L/J	C
<b>EQUIPMENT AND ANALYTICAL SYSTEMS, STUDIES AND CONTROL OF ELECTRICAL ENERGY SUPPLIES</b> Analyzer of network parameters, tension, currents, power, energy, harmonics etc.				
1521	61	C	L/J	C
<b>INTERIOR AND EXTERIOR ELECTRONIC LETTERING SIGNS</b> that are programmable.				

Ref No.	Org.No.	Status	Request	Source	Ref No.	Org.No.	Status	Request	Source
1522	61	C	L/J	C	1528	61		L/J	C
<b>ROLL-UP OR FOLDING PVC PANEL DOORS</b>					<b>ADVANTAGEOUS AND GREENER MATERIALS</b>				
These have to be transparent PVC panel doors with a flexible application, both interior and exterior. Their main aim is to insulate a place against dust, sound, temperature etc. The doors have to be able to roll-up quickly, approximately 1 to 1.5 m/s to allow the passing of people and vehicles quickly and work with a security system, stopping or re-opening automatically, in case the door encounters an obstacle.					for the manufacturing of products such as cabins, panels, screens, blinds etc for the soundproofing of industrial premises.				
1523	61	C	L/J	C	1529	61		L/J	C
<b>NEON TUBES</b> of different diameters, luminosity and neon percentage, for use in interior and exterior sign lettering.					<b>STANDARD PRODUCTS FOR THE SOUND-PROOFING OF WALLS, CEILINGS ETC</b> in industrial buildings that also have other facilities such as light, ventilation systems etc.				
1524	61	C	L/J	C	1530	61		L/J	C
<b>INTERIOR NEON DISPLAYS FOR BARS AND ROOMS</b> for example to advertise drinks.					<b>ELECTRONIC SYSTEMS APPLIED TO SOUNDPROOFING FACILITIES</b> enabling to switch from passive to active soundproofing. For instance, devices producing sounds the eliminate other noises.				
1525	61	C	L/J	C	1531	61	C	L/J	C
<b>ANTI-SOUND AND ANTI-ACOUSTIC SCREENS MADE FROM CONCRETE OR LIGHT CONCRETE FOR VEHICLE ROADS</b> (roads, motorways etc).					<b>NOVEL MATERIAL IN THE FIELD OF SIGN LETTERING</b>				
1526	61	C	L/J	C	1532	61		L/J	C
<b>PREFABRICATED CONCRETE TANKS TO CONTAIN LIQUIDS</b> These must be cylindrical or rectangular, and able to carry more than 100,000 litres for use at purifying plants etc.					<b>STANDARD PRODUCTS ACTING AS REDUCERS OR MINIMIZING NOISE</b> and that would be applicable to any type of industrial machine or engine.				
1527	61	C	L/J	C	1533	61	C	L/J	C
<b>METHACRYLATE PLATES FOR SIGN LETTERING</b> These should have a range of different colours and finishes, such as opal, etching, translucent etc perform well in all weathers and remain serigraphable and paintable etc.					<b>NEW SPECTACULAR WALL COVERINGS</b> for decorating both the interior and exterior (not paints or plasters).				
1534	61	C	L/J	C	1534	61	C	L/J	C
<b>SECTIONED DOORS</b> Doors made from articulated panels by means of a facade that allows, on opening, the movement of the rail and remains hanging from the ceiling. The workings of the opening can be automatic or manual and the panels can be opaque or with a transparent window allowing the illumination of the room. The arrangement can have a security system, stopping or re-opening automatically, in case the door encounters an obstacle.									



Ref No. Org.No. Status Request Source

1535 61 C L/J C  
**MOBILE RAMPS FOR LOADING/UNLOADING AT BUILT-IN DOCKING BAYS** Their purpose is to compensate for the possible difference in level between the loading/unloading bay and the lorry. The system has to be built-in within the loading/unloading bay and mobile for a hydraulic system. The workings can be manual or automatic.

1536 61 C L/J C  
**WATER PURIFICATION** and waste water treatment systems.

1537 61 C L/J C  
**NOVEL APPLICATIONS OF PLASTIC** (resins, polyester) for decoration and sign lettering.

1538 61 C L/J C  
**MANUFACTURING COMPANIES OF FORGED ALVEOLARE FOR EXTRUSIVE SYSTEMS** (concrete structures that without losing their characteristics have holes that reduce the weight and save prime material), that are prepared to establish themselves in the Spanish market and wish to do so co-jointly. The company would be prepared to arrive to agreements, examining each offer of an exchange of infrastructure for technology. Presently the sales prediction for the market is large and there does not exist a qualified competitor in this sector.

1539 61 C  
**DISTRIBUTION OF A LARGE RANGE OF ELECTRONIC WEIGHING MACHINES FOR PERSONS** orientated to the health market and home use. Industrial weighing equipment is not sought.

1540 61 C  
**INNOVATIVE PRODUCTS FOR THE HEALTH MARKET** which don't need post-sell service (consumable and returnable products). In this way they could take advantages of their important commercial network.

Ref No. Org.No. Status Request Source

1541 61 C L/J C  
**ELIMINATORS OR PROTECTORS FOR CURRENT ELECTRICITY** that are innovative elements such as current electricity eliminators - equipment emitting positive and negative particles - or whatever other element or piece that eliminates or protects against static electricity.

1542 61 C L/J C  
**GAS SOLDERING IRONS** these are soldering irons with a gas energy source.

1543 61 C L/J C  
**PRODUCTS FOR GENERAL INDUSTRIAL USES** for maintenance of machines and installations, especially petrochemicals, lubricants, surface treatments, moulded rubber.

1544 61 C L/J C  
**'KNOW-HOW' FOR OPTIMIZING ENERGY RESOURCES**

1545 61 L/J C  
**ALTERNATIVE PRODUCTS IN REPLACEMENT OF SOUNDPROOF CABINES**

1546 61 L/J C  
**PANELS FOR SOUNDPROOF CABINES** also applicable to machines, engines, to isolate the staff etc.

1547 61 C C  
**BOX KITS TO INSULATE THE CONNECTIONS OF UNDERGROUND ELECTRICAL CABLES** Sticky insulating tape, stamps made from a mixture of polyurethane etc for use in insulating the connections which can be fitted to the said cables.

Ref No. Org.No. Status Request Source

1548 61 C L/J C  
**STAINLESS STEEL PIPES** more importantly pipes with a thin shell thickness of the order 0.2 or 0.25 mm. The pipes must comply with the DIN 4301 standard, have a strength of 300/350 HV and be smooth on the inside as well as the outside with ridges no more than 15 micro m and 10 micro m respectively.

1549 61 C L/J C  
**TRANSFORMERS FOR NEON TUBES** and accessories for neon tubes, products such as supports, covers, cables, programmers etc.

1550 61 C L/J C  
**PAINTING AND INDUSTRIAL COATINGS (PRIMERS, CLEAR COATS AND TOP COATS)** This company wants new kinds of paints and coatings especially: Paints and coatings for plastics, polypropylene, polyethylene, any other type of plastic. Paints and coatings for use in the motorcycle and automobile industry. Would like agreements with companies with official approval in these sectors to introduce them in Spain. Sputtering varnishes (vacuum metalized varnishes) to metalize mainly automobile lights. Paints for glass, powder paints and other innovative paints.

1551 61 C L/J C  
**DEHYDRATING SACKS OR BAGS** used in the packaging of electronic products to keep them totally dry.

1552 61 C L/J C  
**NEW TYPES OF CONTAINERS** for solid products between approximately 20 and 60 l. in volume, mainly those made of primary materials - plastic or card - these can be recycled.

Ref No. Org.No. Status Request Source

1553 61 C L/J C  
**PORTABLE TERMINALS** with reader incorporated, for data retrieval allowing information transfer through a cable (via RS232C) or for radio frequency.

1554 61 C L/J C  
**MACHINERY FOR THE THREAD GRINDING OF TAPS** The main advantages of the technology are: 5 movement axes allowing high flexibility, a special operating system that reduces the all important preparation time for the machinery; highly versatile to grind any type of thread; automatic supply system allowing the integration in the automatic processes; totally automatized machinery with the latest technologies allowing high productivity.

1555 61 C L/J C  
**ADDITIVES FOR ANIMAL FODDER** products to add to fodder in order to stimulate production, new types of food etc.

1556 61 C L/J C  
**ANALYZERS OF ELECTRICAL NETWORKS AND ENERGY CONTROL** Products, equipment and systems for measuring, controlling, monitoring and electrical energy saving in industrial installations.

1557 61 C L/J C  
**DESIGN AND CONTROL SYSTEMS FOR DOMOTICS (INTELLIGENT HOUSES)** ie systems for access, security, temperature and light control etc.

1558 61 C L/J C  
**GREEN CHROME OXIDE** Inorganic pigment that is obtained from sodium bichromate, prime materials and are applicable in the world of plastics and paints, in particular those that require resistance against atmospheric agents such as marine paints.

Ref.No. Org.No. Status Request Source

1559 61 C L/J C  
**CERAMIC COLOURS** Pigments for use in the world of construction manufactured at high temperatures in order to colour the elements.

1560 61 C L/J C  
**TRANSPARENT IRON OXIDES** Inorganic pigments that can make paints brighter. One typical application are the metalized paints for cars.

1561 61 C L/J C  
**BLUE ORGANIC PIGMENT OF PHTALYCIANINE** Obtained from sodium bichromate, this is an organic pigment that can substitute the inorganic ultramarine blue in some applications.

1562 61 C L/J C  
**PIGMENTS** that, by using the technology have very good dispersion characteristics.

1563 61 C L/J C  
**INNOVATIVE ADDITIVES** in the world of paints.

1564 61 C L/J C  
**INNOVATIVE PRODUCTS THAT CAN BE SOLD IN GARDEN CENTRES** or any type of urban furniture (dismountable plant pots, imitation materials; stone, plastic, aluminium etc, innovative designs of plant pots).

1565 61 C L/J C  
**THERMAL TRANSFER PRINTERS** for the printing of bar codes, wording and logos for labels.

1566 61 C L/J C  
**ACCESS CONTROL SYSTEMS** based on locks without keys etc.

Ref.No. Org.No. Status Request Source

1567 61 C L/J C  
**THIN CERAMIC BARS** to hold the resistance wire of the soldering iron. These bars of 5.2 mm in diameter and 55 mm in length should have 2 holes in which to place the resistance wires and comply with the DIN 40680 standard.

1568 61 C L/J C  
**THERMOFUSES THAT WORK UP TO 240 DEGREES C** Fuses that are placed inside an electronic element and go off on reaching a determined temperature.

1569 61 C L/J C  
**MATERIALS FOR THE MANUFACTURE OF LIGHT-WEIGHT PLANT POTS** These can be: light-weight concrete; Light-weight materials that can substitute concrete; Plastic materials that can be mixed with concrete without loss of consistency; Materials that can substitute marble; New light-weight plant pot designs; New technologies for the manufacture of plant pots.

1570 61 C L/J C  
**ANY INNOVATIVE SOLUTION FOR USE IN PLASTIC** aimed at the food, cosmetic, pharmaceutical and hospital markets.

1571 61 C  
**ROMAN WEIGHING MACHINES** Collaboration with manufacturers with the aim of improving, reducing costs and to perfect the mechanisms.

1572 61 C L/J C  
**PLASTIC PRODUCTS FOR THE FOOD INDUSTRY** for example: tupperware, plastic packaging to substitute that which is now in use for transporting fruit etc.

1573 61 C L/J C  
**RECTANGULAR OR ROUND INDUSTRIAL CONNECTORS** for industrial applications having voltages of 220/380 V, current up to 16 A and adverse conditions - dampness, water flows etc.

Ref No.	Org.No.	Status	Request	Source	Ref No.	Org.No.	Status	Request	Source
1574	61	C	L/J	C	1582	61	C	L/J	C
<b>PLASTIC PACKAGING</b> in general for jewels.					<b>INDUSTRIAL READERS</b> Bar code readers dedicated to the control of production on assembly lines.				
1575	61	C	L/J	C	1583	61	C	L/J	C
<b>OTC PRODUCTS TO SELL TO PHARMACIES</b> Those that do not require a medical prescription eg sweets, sweetener tablets etc.					<b>SPECIAL LABELS</b> with pre-printed bar codes that have the following characteristics: labels with wording, labels unaffected by the sun or humidity and labels that can be read using infra-red rays. In general any label that can bear up to industrial conditions.				
1576	61	C	L/J	C	1584	61	C	L/J	C
<b>CERAMIC RESISTANT HEATERS FOR SOLDERING IRONS</b> of approximately 5.8 mm in diameter and 80 mm in length, the resistance should not yield due to the effect of heat and if it does then the bend should not exceed 0.5 mm.					<b>CABLES OF 5 CONDUCTORS FOR SOLDERERS</b> these have to be extra flexible so not to control the position of the soldering iron and the cable cover should be capable of withstanding a temperature of 400 degrees C for a minimum of 1 minute if by accident it comes into contact with the point of the soldering iron.				
1577	61	C	L/J	C	1585	61	C	L/J	C
<b>SPECIAL CABLES</b> Coaxial cables, cables that can be used in professional sound applications, local area networks etc.					<b>TAGS</b> system comprising of a reader plus a radio frequency pill used to identify animals.				
1578	61	C	L/J	C	1586	61	C	L/D	C
<b>WATER WASTE TREATMENT</b> especially urban water, although they will not disestimate any other proposal in the industrial sector.					<b>WASTE WATER TREATMENT</b> both industrial and urban. In particular technologies and 'know-how' in the metallurgy, textile, leather, food and farming sectors.				
1579	61	C	L/J	C	1587	61	C	L/D	C
<b>INDUSTRIAL WASTE TREATMENT (PLASTICS, PAPER, RUBBER)</b> The treatments can be of any process: re-cycling, incineration, transformation.					<b>INDUSTRIAL WASTE RECYCLING</b> (plastic, paper, rubber). The treatments can be of whatever type: recycling, incineration, transformation.				
1580	61	C	L/J	C	1588	61	C	L/J	C
<b>RUBBER PEARS FOR DESOLDERS</b> Their main function is to suck out the metal for the desolders, it must be capable of working at 150 degrees C without altering its characteristics.					<b>SOFTWARE PRODUCTS FOR EDUCATIONAL USE</b> in schools, universities and businesses. Computer programmes for learning geography, biology, accounts, sales techniques etc.				
1581	61	C	L/J	C					
<b>AIR-CONDITIONING SYSTEMS</b> both for domestic and industrial use - cooling equipment for storage rooms, heating pumps etc.									

Ref No.	Org.No.	Status	Request	Source	Ref No.	Org.No.	Status	Request	Source
1589	61	C	L/J	C	1599	72.07			C
<b>BAR CODE READERS</b> These machines can be: WANDs, CCD's (these do not have to move over the bar code), GUNs (those that can scan from a distance) and table scanners (those used in supermarkets).					<b>NEEDLES FOR HOSIERY KNITTING MACHINES</b>				
1590	61	C	L/J	C	1600	72.11			C
<b>SYSTEMS OF CLASSIFICATION, ELIMINATION AND WASTE RECYCLING</b>					<b>TELEPHONE ANSWERING MACHINE</b>				
1591	61	C	L/J	C	1601	72.12			C
<b>DECODERS</b> to read bar codes that allow the connection - keyboard emulation (connected between the screen or the PC and the keyboard) - or connected directly to the PC via RS232C (serial output).					<b>ELECTRON GUN PARTS</b>				
1592	61	C	L/J	C	1602	72.15			C
<b>ELECTRICAL HEATING SYSTEMS</b> (accumulators, radiant cables, radiant panels etc) and gas heating systems (boilers, radiators etc).					<b>DISH ANTENNA</b>				
1593	61	C	L/J	C	1603	72.17			C
<b>DIN 41612 STANDARD CABLES</b> in order to connect printed circuit cards to the common card or rack.					<b>MICRO GLASS BALLS/BEADS</b>				
1594	61	C	L/J	C	1604	72.18			C
<b>THERMOSTATS FOR ENGINES</b>					<b>SPECIAL ALLOY STEEL CASTINGS</b>				
1595	61	C	L/J	C	1605	72.21			C
<b>FOOD ADDITIVES</b> such as colourants, proteins, sweeteners, thickeners etc.					<b>MINIATURE BELLOWS</b>				
1596	61	C	L/J	C	1606	72.22			C
<b>MACHINES CREATING 'FILM MASTER'</b> labelling with bar codes.					<b>ACOUSTIC AND NOISE POLLUTION CONTROL SYSTEMS</b>				
1597	72.01			C	1607	72.23			C
<b>PLASTIC MATCH BOX</b>					<b>SPEED CONTROLLERS FOR AC MOTORS</b>				
1598	72.03			C	1608	72.35			C
<b>HIGH QUALITY MAGNET</b>					<b>MANUFACTURE OF GOLD JEWELLERY THROUGH COMPUTERISED MACHINES</b>				
					1609	72.38			C
					<b>MANUFACTURE OF VANILLIN POWDER</b>				
					1610	72.39			C
					<b>WS-A WASTE WATER SELECTOR</b>				
					1611	72.43			C
					<b>COMPACT FLUORESCENT LAMPS</b>				
					1612	72.44			C
					<b>HOUSEHOLD LAMPS</b>				

Ref No.	Org.No.	Status	Request	Source	Ref No.	Org.No.	Status	Request	Source
1613	72.45			C	1625	143	J	C	
<b>MANUFACTURE OF TERRY TOWELS</b>					<b>PARTNERSHIP OPPORTUNITIES SOUGHT IN GEMSTONE-MINING, FRUIT AND VEGETABLE CANNING, FISHING AND AGRICULTURE</b> We seek financial cum technical assistance including equipment and machinery, on Joint Venture basis to start new small-scale projects on Gemstones-Mining, Fruit and Vegetable canning factory; Sisal-Products Factory; Fishing of marine-life products and Agriculture of various crops. The investors with any unarmful technology know-how are also invited to join us. Enough fertile lands, factory spaces, mine-sites, cheap labour, markets (local and overseas) and other favourable conditions are available.				
1614	72.49			C	<p>The investors with any unarmful technology know-how are also invited to join us. Enough fertile lands, factory spaces, mine-sites, cheap labour, markets (local and overseas) and other favourable conditions are available.</p>				
<b>CAST IRON ALLOY CHILLED CASTING</b>									
1615	72.50			C					
<b>SODIUM HYPOCHLORITE</b>									
1616	72.52			C					
<b>COAL-BASED SPONGE IRON PLANT</b>									
1617	72.53			C					
<b>COMPACT FLUORESCENT LAMP</b>									
1618	72.54			C					
<b>OLEO RESIN DISTILLATION</b>									
1619	72.55			C	1626	145	C	J	C
<b>PRODUCTION OF FILTER PAPER</b>					<b>MICRO STEPPER MOTORS FOR INDUSTRIAL USAGE IN COMPUTERS</b> and their allied products, control/automation equipment etc. Capacity: 500,000 numbers per annum. Market: demand in 1996 is estimated to be 1200,000, present production 200,000. Raw materials: all raw materials available in India.				
1620	72.55			C	<p>Market: demand in 1996 is estimated to be 1200,000, present production 200,000. Raw materials: all raw materials available in India.</p>				
<b>LABORATORY GLASSWARE</b>									
1621	72.58			C					
<b>PRODUCTION OF NARROW-MOUTH BOTTLES</b>									
1622	76								
<b>ANAEROBIC DIGESTION OF ORGANIC EFFLUENTS</b> by biological sludge treatment with Methane generation.									
1623	76								
<b>AIR POLLUTION CONTROL</b> including flue gas treatment and recovery.									
1624	76								
<b>WATER AND WASTE WATER TREATMENT</b>									
					1627	145	C	J	C
					<b>BORROSILICATE GLASS TUBINGS</b> for the lamps and glassware industry. Capacity: suitable. Market: good market.				
					1628	145	C	J	C
					<b>OPHTHALMIC GLASS BLANKS</b> for spectacles for correcting vision. Capacity: 700 TPA. Market: total imports into India today stand at about 1400 to 1500 tonnes per annum. Raw materials: quartz, soda ash, calcium carbonate, potassium carbonate, barium, sodium nitrate etc, mostly available in Rajasthan/India.				

Ref No. Org.No. Status Request Source

1629 145 C J C  
**RUBBER CONDOMS AS PROPHYLACTICS**  
 Capacity: 145-200 million numbers. Market: demand in 1995 expected to be 1600 million numbers, present capacity around 1200 million numbers. Raw materials: natural rubber latex in India or could be imported from Malaysia. Would be interested in import of machines and technology, import of drawings only could also be considered.

1630 145 C J C  
**LEAD CRYSTAL GLASSWARE** Hollow wares, tableware, decorative articles etc. Capacity: 1800 TPA. Market: Demand in the Indian market is around Rs. 100 Crores, good export potential. Would be interested in partial buy back of products. Raw materials: silica sand and crystal quartz, lead, arsenic, potassium carbonate, titanium dioxide etc. Available in India.

1631 145 C J C  
**MAINTENANCE FREE BATTERIES FOR COMPUTER INSTALLATIONS** Specifications: normal voltage 12 volts, normal capacity 35 ampere hours, ratings up to 10 KVA/50 minutes. Market: very good and growing market.

1632 145 C J C  
**PORCELAIN CROCKERY** Capacity: suitable. Market: good domestic and export market. All raw materials available in India, well skilled workmen available in India.

1633 145 C J C  
**MICROWAVE OVENS FOR DOMESTIC USE**  
 Capacity: 50,000 numbers per year. Market: demand likely to be 200,000 numbers by 1995 present production only about 25,000. Raw materials: all raw materials and components except magnetron available in India. Possibility could be explored for production of magnetron also.

Ref No. Org.No. Status Request Source

1634 145 C J C  
**ELECTRONIC WEIGHING MACHINES** for weighing various items. Capacity: 4000 to 5000 numbers per year. Market: estimated market in 1995 70,000 numbers.

1635 145 C J C  
**COMPACT FLUORESCENT LAMPS** Capacity: around 2.5 to 5.0 million numbers of CF lamps. Market: demand of all types of lamps estimated to be around 160 million numbers by 1994-95. Raw materials: glass tubes, filament, exhaust tube, lead in wire etc available in India.

1636 147 LJTD C  
**ELECTRONIC WEIGHING BALANCE** Know-how required for manufacture of force motor based analytical electronic weighing balance and load cell based weighing balance with resolution of more than 10,000 counts.

1637 154 C J C  
**POLYPROPYLENE ROPES** Know-how for establishing project for PP/HDPE ropes in India for 3-strand (hawser-laid) and 8-strand (braided) rope - EOU with overseas partner with / without financial participation, marketing tie-up and imports of equipment only where necessary marketing tie-up compulsory. Also know-how for metallic dies wanted.

1638 162 C E P  
**PLASTIC COMPONENTS** High-tech plastic parts for use in machinery, household electrical appliances etc.

1639 302 C J/D C  
**COPY MACHINE TONER** Party is interested in acquiring the technology of toner for plain paper copiers and laser printers of various brands.

Ref No. Org.No. Status Request Source

1640 304 C D P  
**DOMESTIC APPLIANCES ELECTRONIC ITEMS** Party is interested in development of domestic appliances like water heater, washing machine, vacuum cleaner etc.

1641 304 C L/D G  
**COPY MACHINE TONER** Toner, developing material of OA machine using electrophotographic.

1642 306 C E/D G  
**HEAT SHRINKABLE TUBE COMPOUND** is tabulate plastic material which shrinks radially. It is a UL-224, 105 Centigrade level. The compound is polyoefin type resin with a rated voltage of 600V and is high in heat resistance, weather resistance, chemical resistance and is self extinguishing.

1643 307 C D C  
**PVC COMPOUND FOR HEAT SHRINKABLE TUBING** Party is interested in manufacture of PVC compound for shrinkable tubing.

1644 309 C E/D G  
**TONER FOR XEROX MACHINE** Toner, developing material of OA machine using electrophotographic.

1645 311 F L C  
**RECIPROCATING PLUNGER TYPE PUMPS** Technology required for manufacture of reciprocating plunger type pumps suitable for high pressure applications required for use in the petroleum and chemical process industry.

1646 317 C L P  
**PLASTIC PROCESSING MACHINES** Technology for manufacture of various plastic processing machines viz injection moulding, blow moulding, blown film plants, extruders and automatic packing machines.

Ref No. Org.No. Status Request Source

1647 320 C L C  
**POWDER PAINTS** Technology of manufacture including equipment and raw materials. 1. Electrophoretic lacquers. 2. Powder paints. 3. Inhibitors and other chemicals used in oil and gas industry. 4. Metal recovery plants for recovery of precious metals e.g. gold, silver, nickel and copper. 5. Waste water treatment plants for treating effluents such as oils, cyanides, alkalis and acids.

1648 321 C L C  
**MOTORISED HOUSEHOLD OR INDUSTRIAL ITEM** which has good utility value for the person or industry owning it. Driven motor to be AC motor above 1/4 HP up to 3/4 HP eg. machinery for diamond processing/airoler etc.

1649 329 C L C  
**KISAM PUM** Technology for producing aerosol spray using hydrocarbon propellant can also use and provide know-how for other formulations.

1650 333 P L C  
**CERAMIC COATED STEEL WELDED LANCING PIPES** high frequency welded out of HR or CRCA mild steel and ceramic coated on outer surface of pipe. Used in steel plants as essential part of blowing oxygen in steel melting buckets. Very low consumption and burning because of ceramic coat on surface.

1651 336 C L P  
**INDUSTRIAL FURNACES FOR HEAT TREATMENT, FORGING, ROLLING** Technology for industrial furnaces for heat treatment, forging, rolling, etc. Ovens for baking, drying, curing etc. quench systems, washing systems etc.



Ref No.	Org.No.	Status	Request	Source	Ref No.	Org.No.	Status	Request	Source
1652	359	C	J	P	1661	572	C	L	C
<b>IMPULSE SEALING MACHINES</b> Party is interested in manufacture of different types of impulse sealing machines used for packing of thermoplastics pouches and packing of liquid.					<b>STEEL STRIPS</b> Plant, machinery and know-how for the manufacture of hot and cold steel strips including stainless steel strips.				
1653	359	C	K/E	P	1662	572	C	L	C
<b>POLYESTER ZIP FASTENER</b> Party is interested in turnkey operation for manufacture of polyester zip fasteners used for readymade garments.					<b>SEAMLESS EXTRUSION PIPES</b> Ferrous and non-ferrous (brass, copper) seamless extrusion pipes of various sizes.				
1654	360	C	D	P	1663	572	C	L	C
<b>ABRASIVE POWDER</b> Party is interested in development of abrasive powder used in mechanical and diamond processing industries.					<b>MICROMOTORS</b> Know-how for the manufacture of FHP or micromotors for audio equipment, washing machines etc.				
1655	360	C	D	P	1664	572	C	L	C
<b>CERAMIC PGA</b> Party interested in development of thread guides, used in mechanical engineering industries.					<b>SYNTHETIC GLYCERINE</b> Know-how, plant and machinery for the manufacture of synthetic glycerine.				
1656	476			C	1665	572	C	L	C
<b>PAPER RECYCLING AND PACKAGING</b> Paper recycling and its use in packaging and stationery manufacture.					<b>GAS PIPELINE EQUIPMENT</b> Industrial and domestic gas pipeline equipment like meters, valves, actuators, control system etc.				
1657	483	C	J/L	C	1666	576	C	L	C
<b>LOAD CELLS</b>					<b>PACKAGING MACHINES</b> Packaging machines or allied to packaging machines, which can be manufactured in a precision manufacturing unit having machine shop, electroplating assembly and est facility. Already makes continuous ink jet printing machines.				
1658	483	C	J/L	C	1667	577	W	L	P
<b>ELECTRONIC WEIGHING MACHINES</b>					<b>GRINDING MACHINE</b> Working of plane knife grinding machine.				
1659	571	C	J/L	P	1668	580	P	J/L	C
<b>SECURITY FEATURE FOR LAMINATED PHOTO IDENTITY CARD</b> preferably printing of security feature on paper identity card by screen printing process.					<b>HIGH ALUMINA CEMENTS</b> for manufacture of high alumina cements - joint venture with technical know how, with technical and financial assistance and buy back. Infrastructure like land, power and water available.				
1660	572	C	L	C					
<b>PLASTIC BLENDS AND ALLOYS</b> Knowhow, plant and machinery for the manufacture of plastic blends and alloys for various end use applications.									

Ref No. Org.No. Status Request Source

1669 582 C D P  
**CNC LATHES** Party is interested in manufacturing technology of CNC machines used in automobile industries and machine tool industries.

1670 583 C D C  
**THERMAL SENSITIVE VIZ FAX PAPERS** Party is interested in technology of thermal sensitive viz fax papers.

1671 583 C D C  
**COPY MACHINES TONER** Party is interested in manufacture of copy machine toner for plain paper copier machines.

1672 583 C D L  
**RESIN TO BE USED FOR PHOTOCOPIER TONER** Party is interested in manufacture of resin to be used for photocopier toner.

1673 585 C D P  
**HEAT SHRINKABLE TUBE COMPOUND** Party is interested in manufacture of heat shrinkable tube compound.

1674 588 C D P  
**DOMESTIC APPLIANCES** Party is interested in development of domestic appliances like washing machine, vacuum cleaner, water heater etc.

1675 590 C D P  
**INVERTORS FOR SPEED CONTROL OF 3 PHASE INDUCTION MOTORS** Party is interested in manufacture of invertors for controlling the speed of 3 phase AC induction motor which has wide application in electrical industries.

1676 592 C D C  
**DOMESTIC APPLIANCES/ELECTRONIC ITEMS** Party is interested in development of export market for electrical engineering goods which finds applications for domestic use.

Ref No. Org.No. Status Request Source

1677 593 C D C  
**ELECTRONIC COMPONENTS INCLUDING MICROMOTORS** Party is interested for manufacture of electronic items specifically for DC micromotors both governed and stepper for audio, video equipment and office automation equipment.

1678 594 C D C  
**DOMESTIC APPLIANCES** Party is interested in manufacture of domestic appliances like water heater, washing machine, vacuum cleaner etc.

1679 595 C D P  
**DOMESTIC APPLIANCES** Party is interested in manufacturing of domestic appliances like water heater, washing machine, vacuum cleaner etc.

1680 596 C D C  
**PVC BATTERY SEPARATOR** Party is interested in manufacture of micro porous PVC battery separator used in domestic and electrical industries.

1681 597 C D P  
**NUMBER LOCKS FOR BRIEF CASES** Party is interested in manufacturing locks for brief case and suitcases.

1682 600 C D C  
**PTC HEATER AND HEAT SHRINKABLE COMPOUND** Party is interested in manufacture of PTC heater, heat shrinkable compound.

1683 602 C D C  
**HIGH VOLTAGE ISOLATORS** Party is interested in manufacture of high voltage isolators of 800kv - 440kv used in transformers in electrical engineering industries.

1684 602 C D C  
**HEAT SHRINKABLE TUBE COMPOUND** Party is interested in manufacture of heat shrinkable tube compound.

Ref No.	Org.No.	Status	Request	Source
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1685	603	C	D	P
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**CNC LATHES** Party is interested in technology transfer for manufacture of CNC lathes.

1686	604	C	D	C
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**EDDY CURRENT VARIABLE SPEED DRIVE SYSTEMS ABOVE 60 HP** Party is interested in technology transfer for manufacture of AC frequency drives. This technology is required for South Korea.

1687	605	C	D	C
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**HIGH VOLTAGE ISOLATORS** Party is interested in manufacture of high voltage isolators for transformers used in electrical engineering industries.

1688	606	C	D	P
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**MANUFACTURE OF TRANSFORMERS** Party is interested in manufacture of transformers and repair of transformers used in electrical engineering industries.

1689	609	C	D	P
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**RADIAL DRILLING MACHINE** Party is interested in manufacturing technology of radial drilling machine and all geared drilling machines which finds extensive use in machine shop, tool room etc.

1690	610	C	D	C
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**FOUNTAIN PEN NIBS** Party is interested in manufacture technology for fountain pen nibs which has huge requirement for students of schools, colleges and universities.

1691	612	C	D	C
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**FORM SEAL MACHINES** Party is interested in manufacturing machines for form seal, thermo forming machines and packaging machines.

Ref No.	Org.No.	Status	Request	Source
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1692	614	C	D	P
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**CURRENT AND POTENTIAL TRANSFORMERS UP TO 145 KV** Party is interested in manufacture of current and potential transformers up to 145 kv. Disconnectors of 400 kv and load break switches up to 36 kv which find extensive use in electrical engineering field.

1693	616	C	D	P
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**POLISHING ABRASIVES FOR GRANITE MARBLE AND STONE INDUSTRY** Party is interested in manufacture of polishing abrasives used for granite marble and stone industry.

1694	617	C	D	P
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**ELECTRICALLY OPERATED TROLLEY CRANES** Party is interested in manufacture of electrically operated trolley cranes used in heavy engineering industries for lifting and movement of heavy materials.

1695	619	C	D	C
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**TRANSFORMERS UP TO 10,000 KVA** Party is interested in manufacture of transformers up to 10,000 kva used in electrical industries.

1696	622	C	D	C
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**COLD FORMING OF COMPONENTS AND PARTS** Party is interested in manufacture of cold forming of components and parts used for engineering purposes.

1697	627	C	D	P
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**GLASS FUSES** Party is interested in manufacture of glass fuses used in electrical industries for power applications.

1698	631	C	D	C
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**AIR BREAK SWITCHES** Party is interested in manufacture of air break switches used in electrical engineering industries.

Ref No. Org.No. Status Request Source

1699 632 C D C  
**INKS** Party is interested in manufacture of screen printing water based inks, offset inks, heat set inks, webb offset inks.

1700 634 C D C  
**C.N.C. LATHES** Party is interested in manufacturing technology for production of CNC machines which have a wide application in the automobile and machine tool industries.

1701 635 C D P  
**C.N.C. MACHINES** Party is interested in manufacturing technology for CNC machines used in the automobile industries and machine tool industries.

1702 636 C D C  
**C.N.C LATHES** Party is interested in manufacturing technology for CNC machine production for automobile and machine tool industries.

1703 637 C D P  
**C.N.C. LATHES** Party is interested in manufacturing technology for production of CNC machines for automobile and machine tool industries.

1704 638 C D P  
**PTC HEATER AND CNC LATHE** Party is interested in manufacturing technology for production of PTC heaters and CNC lathes used in electrical, automobile and machine tool industries.

1705 639 C D P  
**HAND TOOLS** Party is interested in manufacture of hand tools used in automobile maintenance workshop, electrical maintenance and electronic assembly like radio, transistor, TV, VCR and VCP etc.

1706 640 C D C  
**ENERGY SAVING LAMPS** Party is interested in manufacture of energy saving lamps used in daily life and technology transfer of electronic ballast for fluorescent lamps.

Ref No. Org.No. Status Request Source

1707 641 C D C  
**BOX STRAPPER** Party is interested in manufacture of non-metallic box strapper like nylon and polyester used in the packaging industries for consumer durables.

1708 651 C D P  
**DESIGNS OF AGRICULTURAL IMPLEMENTS/EQUIPMENT** Party is interested in the technical know-how for production of designs of agricultural implements/equipments such as ploughs, tillers, planters, seeders etc.

1709 652 C J/K P  
**TOOL ROOM** Party is interested in setting up a tool room for the manufacture of tools, dies, jigs and fixtures.

1710 653 C K P  
**POWER/PNEUMATIC PRESSES** Complete turnkey project for the manufacture of power/pneumatic presses up to 500 tons.

1711 654 C D P  
**WATCH CASES** Party is interested to obtain latest technology on forging, machining and gold plating of watch cases.

1712 669 F L/J G  
**TECHNOLOGY FOR MANUFACTURING RUBBER PRODUCTS**

1713 682 E/T/D P  
**SUITCASES AND BRIEFCASES** made from poly-propylene raw material to be injection moulded and further assembled on aluminium frame by riveting fixing locks and accessories. We request for the suppliers of machinery, moulds and also manufacturers of suitcases who can supply certain parts and accessories.

Ref No.	Org.No.	Status	Request	Source	Ref No.	Org.No.	Status	Request	Source
1714	692	F	J	C					
<b>CIS/UK JOINT VENTURE TRADING COMPANY</b> Offices in Moscow - Ukraine - Dagestan requires offers from companies interested in supplying clothing, machinery, pharmaceuticals, food stuffs, food processing machinery. Outlets sought for raw materials from CIS raw cotton, steel, aluminium, fertilisers, chemicals etc.									
1715	694	U	D	P					
<b>TECHNOLOGY FOR MANUFACTURING OF HOUSEHOLD APPLIANCES</b> which includes pressure cookers, kettles, utensils. The product should be cost effective, sleek performance, higher energy saving and better performance.									

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Ref No. Org.No. Status Offer Source

773 79 F S/L/D G  
**DEPOSITION OF COATINGS** Process of deposition of different purpose coatings; wear resistant, heat resistant, electro-insulation on ecologically clean and safe equipment of the KORUND type. Intended for hardening and regeneration of parts of wide nomenclature by the method of detonation deposition.

774 79 U E/D G  
**DEBURRING BY THE THERMO-ENERGY METHOD** The method is intended for mechanical cleaning operations and allows finish large scale parts of complicated configuration.

775 79 F S/D G  
**DEPOSITION OF COATINGS** Technical process of coating deposition upon parts by CHROMTIC and CARBOCHROM method of diffusion saturation. Intended for treating the die and foundry equipment machine parts and devices for increasing their operation stability.

776 79 F S/I/E G  
**HARDENING PARTS BY THE PLASMA AND GAS-PLASMA METHODS** (Pin balls, piston rings, forks). Intended for deposition of wear resistant coatings upon plane, cylindrical, spheric and hollow surfaces thereby providing for long life of the coated parts.

Ref No. Org.No. Status Offer Source

777 81 C L/J/S C  
**THE EFFICIENT WATER PURIFICATION INSTALLATION** The installation consists of a biological fluidized-bed and a biological filtering-bed, which epitomizes the chemical, physical and biological water treating processes, so it has excellent water purifying capacity. It can effectively mineralize inorganic pollutants, biodegrade organic pollutants, nitrify and denitrify nitrogen compounds. For grade 1-4 source water (COD 30mg/l), the treated water can meet the existing drinking-water standards. For domestic sewage and industrial waste water the treated water can come up to the effluent or reuse standards both in China and abroad.

778 81 C L/J/S C  
**PURIFYING/FILTERING OPEN WELL IN RIVER BED** This technique is applied in the water purification unit of the new type of waterworks. A novel physical structure designed and the biological film adopted make the impurities including bacteria in the water effectively intercepted, captured and biodegraded. In addition, a back-elutriation pipe system can prevent the open well from clogging, the aged biological films and captured impurities are washed back to the river, which make whole system operate more effectively.

779 82 C S/J/K R  
**PRODUCTION OF CITRIC ACID FROM SUGARCANE OR BEET MOLASSES** The citric acid is directly produced by submerged fermentation using sugarcane or beet molasses, glucose mother liquor, cassava, sweet potato and starch. Calcium salt method is used for recovery process of the product.

Ref No. Org.No. Status Offer Source

780 82 C S/T R  
**ANAEROBIC TREATMENT FOR WASTES FROM LIVESTOCK AND FOWLS** With the anaerobic treatment, the COD and BOD of the wastes can be largely reduced. A large amount of fish bait and agro-based fertilizer can be obtained. In addition biogas from the treatment can be utilized for lighting and cooking etc.

781 87 C J G  
**SPIN FINISH BFY-FD-10** The spin finish is the mixture of anionic surfactant. It has good wetting and antistatic properties. It can easily emulsify and form low-viscosity emulsion which penetrate uniformly into the filaments. The finish imparts good inter-filament cohesion. It shows good thermal stability subsequently during hot drawing-process. The spin finish does not contain any toxic component. It is odourless and not harmful to the human's health. Its biodegradation property is excellent.

782 87 C K/J G  
**ULTRA-FINE DENIER FIBER, TECHNOLOGY AND EQUIPMENT** The technology of producing ultra-fine denier (dpf 0.3) filament by conjugating spinning process was developed. Both relating equipment and software can be provided. The main uses of the products are fabrics like silk, artificial suede, cleaning fabrics and fabrics like peach skin etc.

783 88 C L/S/J G  
**JI DESHENG ANTI-VENOM TABLET** has the function of detoxication, detumescence, spasmolysis, anti-inflammation and analgesia etc. Ji Desheng Anti-Venom Tablet is effective for treatment of the bites of venomous snakes and poisonous insects.

Ref No. Org.No. Status Offer Source

784 88 C L/J G  
**SHEXIANG BAOXIN WAN (MUST PILL FOR PROTECTING HEART)** is prepared with precious medicinal materials including musk, borneol, styrax, ginseng, bezoar, toad cake and cassia bark. Shexiang Baoxin Wan is used for angina pectoris caused by myocardial ischemia, chest oppression, myocardial infarction, etc.

785 88 C J G  
**YISUI CHONGJI (POWDER FOR BENEFITING BONE MARROW)** Yisui Chongji is made from natural herbs. It has the effect of promoting absorption of the hydrocephalus, improving the function of the nerve and reducing the cavity in the spinal cord. Effective remedy for syring omeilia.

786 88 C L/J G  
**WANGSHI BAOCI WAN (WANG'S BABY HEALTH PILL)** is effective for infantile diseases including dysplasia, phlegm syncope and convulsion, common cold, fever vomiting, diarrhoea and constipation. It is also effective for treatment of gastrointestinal disorders due to the syndrome dampness phlegm stagnation in the adult. Used in infantile diseases especially for dysplasia and accompanying symptoms.

787 89 C L/J R  
**JIAN NAO YIN (SPECIAL NUTRIENT BEVERAGE)** is used for preventing strokes and cerebral atherosclerosis. A new special nutrient drink and the first of its kind in the country. Awarded a First Class Prize for Scientific & Technological Progress by Beijing Municipal Health Bureau.

- | Ref No.   | Org.No. | Status | Offer | Source | Ref No.  | Org.No. | Status | Offer | Source |
|---|---------|--------|-------|--------|--|---------|--------|-------|--------|
| 788   | 90      | C      | L/S/K | R      | 792  | 93      | C      | D     | C      |
| <b>SCR A C GENERAL PURPOSE SPEED CONTROL SYSTEM</b> The SCR cascade speed control system can be used for stepless speed control of AC inductive electro-motor for any kind of motor driven machines such as fan, water pump etc. It possesses flat speed torque characteristic and wide range of speed control as it is in the variable voltage system of DC motor.   |         |        |       |        | <b>MIXER FOR LOOSE MATERIALS</b> The device is intended for preparation of dry multi-component mixtures. It consists of a rotating drum with raked blades arranged inside it and equipped with a loading/unloading system. The principle of operation is based on intensification of axial and radial axle displacement. Increased productivity of mixture preparation (1.5 to 2 times). Fire safety.  |         |        |       |        |
| 789   | 90      | C      | L/S/K | R      | 793  | 95      | W      | D     | R      |
| <b>SCR CASCADE SPEED CONTROL SYSTEM FOR CRANE</b> The SCR cascade speed control system for crane can be used for stepless speed control of AC inductive electromotor incorporated in travelling, versing and lifting mechanisms of cranes. It possesses flat speed torque characteristic and wide range of speed control as it is in the variable voltage system of DC motor.   |         |        |       |        | <b>LABOUR-SAVING PROCEDURE FOR DRIVING AND MAINTENANCE OF WORKINGS</b> Developed design and substantiated parameters of new types of supports combining functions of preventive and constant working supports. Used in the mining and coal industry.   |         |        |       |        |
| 790   | 91      | W      | S/J   | C      | 794  | 97      | C      | D     | R      |
| <b>LTC-A SECANT LINE ECONOMIZER FOR DIESEL ENGINES</b> Through regulating oil injection, the economizer raises the heat release rate of metre phase to make the matching and tandem of combustion to be more rational, thus to improve the economic properties. Under the circumstance of no changing the power, it can: 1. economize oil; 2. raise the torque; 3. purify the exhaust fumes; 4. lower the highest explosion pressure and rising rate of pressure of the cylinder. |         |        |       |        | <b>HIGHLY EFFICIENT HEAT-EXCHANGE SURFACE USING ALUMINIUM PLASTIC DEFORMATION</b> The heat-exchange surface development is carried out on a rolling mill. Bimetal surfaces for ammonia and brine cooling systems are manufactured in compliance with the following procedure: an aluminium thick-walled tube is fitted on the bearing steel tube and is sent to the rolling mill at which the ribbed spiral-rolled surface featuring the required pitch is formed. Monometal, aluminium surfaces for CHLADON or water-colling units are manufactured with the similar procedure. High percentage of mechanization, ecologically sound procedure featuring minimal specific power requirements. |         |        |       |        |
| 791   | 92      | C      | L/S/K | C      |  |         |        |       |        |
| <b>MANUFACTURING OF VACUUM FLASKS</b> The technologies and equipment can be provided for manufacturing vacuum refills by bottom and neck sealing or waist welding of various type of casings of vacuum flasks such as sheet tin, aluminium, stainless steel and plastic casings etc. For use in the manufacture of domestic ware.   |         |        |       |        |  |         |        |       |        |

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795	98	C	D	R
<b>METHOD OF LIGHT SOURCE LEAD-IN WIRE CONNECTION TO CAP CONTACT</b> The connection is performed with the aid of a special device mounted inside the incandescent lamp production transfer line. The cap contact is heated to the desired temperature. After the contact of the ball of melt material of the lead-in wire is obtained, the ball is pressed by the stamp of the built-in device. Used as the lead-in wire is metal whose melting temperature exceeds that of the cap contact material. The length and diameter of the lead-in wire shall be selected so that the ball of the lead-in wire material melts the surface layer of the cap contact when pressed by the stamp.				

796	100	W	D	R
<b>PRODUCTION OF CAST BIMETAL DIES</b> Use of the method of oriented crystallization of castings is suggested. Main usages of technology are dies operating under conditions of temperature loading.				

797	103	C	D	R
<b>CONSTRUCTION OF DEEP WELLS</b> With periodic burial of liquid production waste in absorbing seams of such wells. The procedure includes the system of gathering, all-season, maintaining and processing in order to reduce limit allowable concentration of components exceeding the standards and long-term maintaining in stationary state in low-temperature interval; computing of pumping conditions in the preliminary selected geological plant; special pumping equipment and its attachments.				

798	104	W	D	R
<b>LOCAL SETS OF GALVANIC DISCHARGE</b> From cations $K^{1+}$ , $Na^{1+}$ , $Zn^{2+}$ , $Ni^{2+}$ , $Cu^{2+}$ and anions $SO_4^{2-}$ , $Cl^{-}$ . Sewage treatment at local sets using precious components and water recovery into production has been suggested.				

Ref No.	Org.No.	Status	Offer	Source
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799	105	M	D	R
<b>SWARF BRIQUETTING OF STEEL ShH 15</b> The production process includes collection of chips, two-stage crushing and cold briquetting thereof.				

800	115	C	D	R
<b>DEEP DRESSING OF VEIN QUARTZ</b> The process is based on use of electric and magnetic separation. Improvement of quality of quartz concentrate, non-use of water and reagents, improvement of profitability as compared with flotation.				

801	115	C	D	R
<b>STOKING UNDER CONDITIONS OF INTRICATE MOUNTAINOUS TERRAIN AND ELEVATED SNOW ACCUMULATION</b> The procedure includes the evaluation of limit parameters of stable dumps, selection of location thereof, structure and composition techniques, mine surveying, control of simultaneous fill of rock and snow, control of self-transportation of dump mass, regulations of formation of stable block-tier dumps. Reduces overburden rock freight turnover and ensures operation safety. Reduces maintenance costs.				

802	115	C	D	R
<b>DEVELOPMENT OF OPEN CUTS USING ORE CHUTES AND SLOPES</b> The method of development of open cuts using gravitation transport for sloped ore chutes has been suggested. Engineering solutions for fixing thereof and rock flow control are available. Minimal transportation costs from optimization of the ore chute contour intervals, minimal working wear from the rock motion control in sloped ore chutes.				

- | Ref No.  | Org.No. | Status | Offer | Source | Ref No.   | Org.No. | Status | Offer | Source |
|--|---------|--------|-------|--------|---|---------|--------|-------|--------|
| 803  | 115     | M      | D     | R      | 807   | 123     | M      | D     | R      |
| <b>OPENCAST MINING WORKS MOON CONDITIONS</b> The Earth procedures for opencast mining taking into account specific Moon conditions served as a base for development of methods and equipment for construction and mining in Moon conditions. Construction of opencast mining under Moon conditions and celestial bodies featuring similar conditions. Certain production processes are applicable to the Earth conditions. |         |        |       |        | <b>WATER INSULATION CONTROL IN WELLS</b> The method includes direct quantitative control of plugging reagents and pool fluids removal from the pool after water insulation. The introduction of the method will determine the efficiency of application of different procedures and plugging materials in concrete conditions of oil and gas fields. Non-productive consumption of reagents is reduced, efficiency of water insulation works is improved.   |         |        |       |        |
| 804  | 115     | C      | D     | R      | 808   | 123     | W      | D     | R      |
| <b>DEVELOPMENT OF CYCLE-FLOW METHODS OF MINING AND OVERBURDEN ROCK RECOVERY</b> Automobile road transport of rock ores and rocks using movable crushing units is suggested. Mobility of equipment is improved and mining transportation costs are reduced. The procedure is applicable to a wide range of mining-geological and mining-engineering conditions of open casts.   |         |        |       |        | <b>ACID TREATMENT OF INHOMOGENEOUS OIL-AND-GAS POOL</b> Application of temporarily-insulating gel-formation compound featuring controlled period of stability in pool conditions provides for a temporary insulation of the most penetrable interlayers and acid treatment of the maximal pool thickness with subsequent efficient cleaning of the face zone from temporarily-insulating material.  |         |        |       |        |
| 805  | 121     | M      | D     | R      | 809   | 123     | W      | D     | R      |
| <b>CORROSION PROTECTION OF OIL FIELD</b> One or two-side facing of steel pipes with shells made of glass-reinforced plastic materials manufactured in the form of thin-walled tubes to fit the internal and external diameter of steel pipes. Corrosion and wear protection of steel pipelines of oil catchment and intrafield transport system.   |         |        |       |        | <b>WATER INFLUX ISOLATION IN OIL AND GASWELLS</b> The suggested method provides for obtaining a higher efficiency of water-insulating operations as compared with analogs thereof at the account of wash-out prevention of plugging compounds in the period of hydraulic screen formation.  |         |        |       |        |
| 806  | 122     | C      | T/D   | R      | 810   | 123     | W      | D     | R      |
| <b>WELDING MATERIALS FOR HETEROGENEOUS STEELS</b> Welding materials for heterogeneous steels of austenite and martensite class. Welding materials, powder wire and electrodes ensure welds featuring high mechanical properties. Uses in mining machinery.   |         |        |       |        | <b>PROCEDURE FOR CONTROL OF OIL AND GAS POOL FLOODING USING FLOOD-DEVIATION AGENTS</b> The procedure consists of selective and directed pumping of reagents around the pool surface from water-injection to selected extractive wells aimed at reduction of penetrability of flooded crack zones. The method is implemented with the use of easy-filterable reagents: solutions of coagulating and sediment-formation polymers, emulsions. Improvement of efficiency of pool treatment and oil recovery. Non-productive consumption of reagents is limited. |         |        |       |        |

Ref No. Org.No. Status Offer Source

811 123 W D R  
**FACE ZONE TREATMENT METHOD** The method includes treatment of the face zone with acid and separation of the bed from reaction products under conditions of controlled depression. The method may be used in treatment of the face zone with solvents. A jet device is used to create depressions on the bed. Oil, gas and water injection wells. The method provides for selection of optimal depression and determines the required duration of the bed draining which ensures a complete cleaning of the face zone from the reaction products.

812 124 W D R  
**BALANCING OF SPINDLE ASSEMBLIES AT BLADE MACHINING OF UNBALANCED BLANKS AND WHEEL GRINDING** The machined workpiece featuring design unbalance is installed in the machine chuck. The spindle and the blank picks up speed from zero to nominal value. At this, it is automatically balanced, then, the machine is changed over to the operating rotation. Metal-cutting machine tools, lathing and grinding groups.

813 125 P D R  
**PORT CARGO TRANSFER TECHNOLOGY** Application of high-productivity, ecologically safe technology of different cargo transfer is suggested. Obtaining high intensity, automation, environmental protection.

814 126 M D U  
**APPLICATION OF POWDER METALLURGY IN MACHINE REPAIR PROCESS** Powder plasma-jet hard facing of worn parts of agricultural machines has been suggested. High hardness and wear resistance of coatings, good adhesion to base metal.

Ref No. Org.No. Status Offer Source

815 130 M D R  
**PLASMA-ARC SPRAYING** Preliminary and locally flashed surface is sprayed. The process does not feature excessive heating of the metal part and loss of strength of the part as well as buckling thereof. The procedure includes washing and degreasing, shot-blasting of the surface, spraying.

816 132 W D C  
**PRODUCTION OF LATEX MASTIC COMPOUNDS FOR SEAM-FREE FLOOR COVERINGS** Mastic compounds based on butadiene styrene latex, fillers, additives have been suggested. Seam-free coverings are laid on cement-sand and gypsum covering. Dust-and-seam-free antistatic covering.

817 133 C D R  
**PREFABRICATED REINFORCED CONCRETE** The procedure for production of prefabricated reinforced concrete with simultaneous thermal treatment of articles manufactured of heavy-weight and light-weight concrete in continuous chambers in steam-and-air medium has been developed. Simultaneous thermal treatment of different concretes in one unit.

818 134 T/D R  
**PRODUCTION OF ORGANIC FERTILIZERS ON THE BASIS OF LIQUID MANURE PROCESSING** Improvement of procedure of preparation of high nutrient organic fertilizers on the basis of liquid manure processing by fermentation thereof. Improvement of nutritious organic mass and reduction of metal content and power intensity.

Ref No. Org.No. Status Offer Source

819 136 C D R  
**PROCEDURE FOR ATTACHMENT OF STEEL SHAPED PLATINGS TO BEAM BOX MEMBERS** The procedure is used in ferroconcrete floors reinforced with platings. Steel channeled sections are assembled as platings and are used as shuttering left for the concrete mix to be placed in the slab. The concrete strength obtained, the sections are included as components (reinforcement) of the slab. The inclusion of the channeled section in the slab is ensured by tubular hollow anchors used as a base for development of the butt joint of the steel-and-concrete floor with the beam. Constructions of floors of industrial and civil buildings and structures.

820 141 F T C  
**LABELS AND LABELLING MACHINES** All types and applications including garment industry, chemical industry, car and vehicle industry, food industry etc. In fact any identification label - millions. Refurbished machines available, guaranteed for 6 months.

821 148 C  
**EQUIPMENT FOR AIR-CONDITIONING WITHOUT USING FLUOR-CARBON-HYDROGEN** The invention is utilizing a technique of air-conditioning without employing fluor-carbon-hydrogen. The equipment can be used in buildings and transportation. The apparatus includes an heat-exchanger assembled with vertical tubes for the air and connected with heat-conducting plates which are submerged in a fluid at the lower part. The apparatus includes a ventilator and sprayer. The equipment has low energy consumption, protects the environment and can be used during the entire year.

Ref No. Org.No. Status Offer Source

822 149 U J C  
**PRODUCTION OF MEDICAL APPARATUS FOR REFLEXOTHERAPY** and therapy which use the curing impact of electro-magnetic radiation of small power millimeter length waves as well as the emission spectrum similar to the spectrum of oriental absinth cigar on acupuncture points or bio-active zones. Devices have several positive features: the treatment of internal organs on the principle of endoscopy. The possibility of simultaneous impact on several patients. High treatment efficiency is guaranteed by the specially developed methods of treatment of various diseases.

823 149 P J C  
**PRODUCTION OF DEVICES FOR INFUSION SOLUTION TRANSFUSION FOR URGENT MEDICAL AID** The devices operate at any position of drop and filtering unit. The proposed devices allows to solve one of the acute problems in "hot" regions of all over the world or in case of some accidents (crashes, earthquakes etc) - to render to victims of different accidents an urgent medical aid on the spot or in the course of their transportation to hospitals. This allows to save lifes of wounded people and eliminates the period of treatment at hospitals.

824 149 P L/J C  
**PRODUCTION OF COMPRESSORS** With special type of pistons to create acoustic waves to raise its efficiency and to obtain unique technical characteristics. These compressors could be used for transfusion of different types of liquids and gases and could be utilized in equipment for electric and electronic industries. Due to the technical characteristics compressors could be implemented in consumer and other types of refrigerators without utilization of harmful for the environment gases etc.

Ref No. Org.No. Status Offer Source

825 157 F  
**PORTABLE WELDER FOR PVCU PRODUCTS**  
 Designed for use away from factory to make butt joints in PVCu products for windows and other building parts such as guttering. All electric no air needed. Manually operated, easy to maintain, much cheaper than factory welders. Technical support and training available. Cost approx £2,000.

826 158 C E/K/T C  
**CONTROLLED ATMOSPHERE** brazing equipment for the continuous production of aluminium heat exchangers - automotive radiators, heaters, oil coolers, air charge coolers and air conditioning components. Complete processing lines supplied and technical advice available on material selection, manufacturing tolerances, component assembly and testing.

827 160 C E/T C  
**MONKEY WINCH** Hand operated tool for uprooting trees. Widely used for clearing land for improving agricultural and food production. Clears all trees and scrub, needs no fuel and little maintenance. Training can be given in use of machine and assistance in agricultural development projects. Training available for all maintenance.

828 166 C D P  
**CONCRETE CONSTRUCTION** PAL KAL unique system of large distance span concrete slabs without supports. The slabs are light weight. No need to tie the reinforcement bars. High strength carry a uniform load of up to 8 tons sq m. Minimum manpower for preparation. No deformations. No drop beams. No need of expansion joints up to 200 meters. Max thermal and acoustic insulation. Allows for changes of original designs in a short time or during implementation.

Ref No. Org.No. Status Offer Source

829 166 C L/S P  
**ELECTRICAL SAFETY EQUIPMENT** Two items which were developed to prevent electrification and to complete the ground leakage relay deficiency: it won't work without good conductivity to the ground, both patented. Both a home circuit breaker size. NOVO 2: A local ground fault detector. Installed to the appliance. Will cut the power to the appliance when ground problem occur. NOVO 3: A remote ground fault detector. Installed in the main board, detects any fault in the ground conductor from the main to the board. Will give visual or aural signals or cut the power as preprogrammed.

830 181 F S C  
**CONTAINERS FOR LIQUIDS** Collapsible foldable tanks till 300,000 litres - efficient and economical alternative to store, to transport a large range of liquids from water to hydrocarbons, lightweight, compact when empty, inexpensive transportation and installation - no pollution - no evaporation of the liquids and no rusting - 20 years of experience.

831 182 E/C L/J/D C  
**RANT CASTING PROCESS** Trade secret licence to manufacture zinc alloy castings using graphite moulds, producing castings comparable in quality to pressure die castings. No pollution, non toxic, inert material, replaces brass, bronze, aluminium, grey iron. Non corrosive, non sparking, proven by over 16 years production by licenser. Ideal for developing countries, reducing imports, creating skills. One time fee, no royalty.



Ref No. Org.No. Status Offer Source

832 182 M/U T C/R  
**WASTE RECYCLING** Licence to make use technology for the recycling of agricultural, forest, plastic waste etc for the manufacture of usable products, a state of the art technology patented. Ability to take waste and develop value added products, normally made from increasingly expensive wood. I.E. replacement for lumber. Establishment of pilot plant in Canada presently under negotiation, plus two Canadian companies seeking licence and one offshore.

833 183 F L C  
**INDUSTRIAL INSTRUMENTS** Panel instruments (voltmeters, ammeters, watt meters, maximum current meters, Hz meters), measuring transducers.

834 184 C K C  
**BRICK PLANT** Clay bricks are produced in kilns heated by firewood (heating by oil is expensive). Using very simple technology can be placed close to the villages at the raw material site. The building is extremely simple and the production can reach 300,000 bricks per month. Clay bricks use local raw materials commonly available, avoiding the use of cement blocks that normally use imported items.

835 186 J  
**CLOTHING MANUFACTURER** We wish to execute joint venture offer of textile and garments. The markets both internal and external are fertile. They are export oriented project and no environmental pollution is likely to occur.

836 194 C E/L/J C  
**WASTE BURNING BOILER** Simple fire tube boiler designed to burn most waste materials - steam can be used for manufacturing processes or to drive an engine. Can be adapted for oil burning degree of sophistication can be varied to suit site conditions. Output 500 lbs per hr at 150 psi.

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837 195 P D C  
**DESIGN AND DEVELOPMENT OF NEW PRODUCTS FOR EXPORT** Consultancy offers new product design and development backed by engineering and marketing skills to manufacturing companies seeking new outlets for production capacity.

838 198 C D P  
**METALLURGICAL ENGINEERING SUPPORT SERVICES** A consultant with considerable experience in the choice of materials, manufacture, testing and service problems of power plant (steam turbines, diesel engines, gearing) and also pumps for a wide range of applications from process and water supply to the largest power station pumps. Offer of service or joint venture.

839 201 C E/T/D C  
**TUNNELLING MACHINES** Tunnelling machines ranging in size from 500 mm diameter to 14 m diameter for water, sewerage, road and rail tunnels. Special machines for difficult ground conditions below water table in unstable ground. Hundreds of machines produced to date for jobs ranging from small sewer construction in congested urban environments through metro construction to large major contracts such as the channel tunnel between England and France.

840 202 C L G  
**CHLORINE TABLET** Chlorine tablets are made from stable bleaching powder, additives etc. and are usually available in various sizes for disinfecting water. These are also used to purify effluents of many industries.

841 207 P D C  
**INDUCTION MOTORS** Induction motor technology pertains to the manufacture of all types of induction electrical motors ranging from 1/8 H.P. to 2 H.P. in single phase, 220/230 volt supply and 1/8 H.P. to 10 H.P. in three phase for 400/440 volt supply.

Ref.No.	Org.No.	Status	Offer	Source
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842	207	C	K/L	C
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**BATTERY CHARGERS**

843	215	C	K/L	C
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**COMPUTER NUMERICALLY CONTROLLED LATHES (CNC)** Slant bed places the spindle close to the operator for trouble free loading/unloading and setting up to work piece. All controls and indicators are conveniently located within easy reach of operator to facilitate regular visual check for correct functioning and easy changes for different machining conditions. The flat top arrangement means better supervision of several machines at a time. Totally enclosed cover prevents splashing and scattering of cutting fluid and chips.

844	217	C	K/L	C
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**PULP & PAPER PLANT (60TPD) & (200TPD)** Pulp and Paper plant to manufacture cultural and industrial grades of paper with average daily production capacity of 60 TPD based on straw, bagasses and other annual crops and purchased waste paper and pulp. Presently more than 50 plants based on this technology are operating in India and abroad using different raw materials.

845	218	C	K/L	G
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**MACHINE TOOLS/MANUFACTURING TECHNOLOGY; CNC/DNC/SYSTEMS** Design, Analysis, Simulation and Documentation of machine tools; manufacturing systems and processes. Consultancy services on design, development manufacturing and implementation of machine tools manufacturing systems and processes. Consultancy services on establishing research and development centres for machine tools, manufacturing systems, CNC, CAD CAM FMS CIM.

Ref.No.	Org.No.	Status	Offer	Source
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846	219	C	K/L	C
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**RECIPROCATING AIR COMPRESSORS** Salient features of Reciprocating Air Compressors are: Air cooled, splash lubricated, Single/multi cylinder, Single stage/multi stage, Motor/Engine driven, Base mounted/tank mounted/portable having a maximum capacity of 4500 litres, minimum and maximum working pressure of 65kgs sq.cm.

847	221	P	D	C
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**LOW TENSION SWITCHBOARDS WITH AIR CIRCUIT BREAKERS** The technology facilitates production of low tension switchboards with air circuit breakers upto 600V. The metal-clad switchboard panels are floor mounted, free standing and modular construction. Raw material required: steel, copper, aluminium, insulators, insulating materials over current & tripping relays, ammeters, voltmeters and air break contactor. Personnel required include 30 engineering/technical staff, 85 skilled and 15 unskilled workers for production of 1000 breakers and accessories per annum.

848	221	C	K/L	C
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**HV METAL SWITCH BOARDS WITH LOW OIL CONTACT CBS UPTO 11 KV A** The Low Oil Circuit Breakers are equipped with a stored energy drive and are suitable for synchronising. These breakers can be mounted either fixed or withdrawable into open or sheet metal enclosed switchboards.

849	221	P	D	G
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**THREE-PHASE INDUCTION MOTORS** The motors are suitable for use in driving pumps, fans, compressors.

Ref No.	Org.No.	Status	Offer	Source
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850	221	C	K/L C	C
<b>LV SWITCH BOARDS ACBs UPTO 600V</b>				
The Air Circuit Breakers work on quenching principle, that is the use of high resistance interruption. the arc being lengthened and presented to a large cooling surface within an arc chute. Multiple assemblies of withdrawable units can be achieved. The switch board panels are floor mounting free standing and compartmentalised and completely metal clad with sheet metal enclosure.				

851	221	C	K/L C	C
<b>DISTRIBUTION TRANSFORMERS RATING UP TO 1600 KVA &amp; VOLTAGE 33KV</b>				

852	221	P	D G	G
<b>H.T.METAL CLAD SWITCHBOARDS</b>				
The H.T. switchboards protect system equipment and workers from damage caused by faults and can also be used to clear the faults.				

853	222	C	K/L C	C
<b>POWER TRANSFORMERS UPTO 220 KV CLASS</b>				
Capabilities exist for technology transfer, design, manufacturing and establishing test facilities for Power transformers upto 220 KV class for annual production of 5000 MVA (Maximum rating 250 MVA; average rating of 75 MVA).				

854	226	C	K/L C	C
<b>RF/IF COILS</b>				

855	233	C	L/D C	C
<b>PLANT GROWTH PROMOTER CONTAINING N-TRIACONTANOL</b>				

856	235	C	L C	C
<b>ROOFING TILE PROJECT</b>				
Burnt clay roofing tiles of size 420mm x 250mm with weight of 2 Kg per tile can be manufactured from clay only. So free raw material available in every country. Capacity 2 million tiles per annum. Employs 60 unskilled workers. Import component only 20% of project cost. Bright prospects in every developing country.				

Ref No.	Org.No.	Status	Offer	Source
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857	235	C	L C	C
<b>TINY CEMENT PLANT</b>				
Portland cement as per Indian or British standard can be manufactured. Capacity 20 tonnes per day. Capital investment per tonne on installed capacity only 50% of big cement plants. Saves transport cost. Requires very small limestone reserve. Ideally suitable as captive unit for builders, contractors.				

858	236	C	L P	P
<b>DEHYDRATION PLANTS FOR DRYING HORTICULTURAL PRODUCE</b>				
Room temperature dehydration plants for drying horticultural produce like, fruits, flowers, vegetables. Advantages of low temperature (selective from 27 degree C to 39 degree C) is better colour retention, aroma, textures and rehydration characteristics. Water removal capacity of 300 Kg/day consumes 200 units of power and 15 HP 3phase connection. Area required - 15H x 010L x 6W.				

859	238	C	K/L G	G
<b>SODIUM SILICATE FROM RICE HUSK ASH</b>				
Rice husk ash is made to react with caustic alkali. The sodium silicate solution so obtained, is concentrated and bleached simultaneously. The main items of equipment required are rice husk fired boiler pressure vessel, filter press and evaporators. Used in manufacturing of soaps, silica gel, catalysts and adhesives.				

860	238	C	K/D G	G
<b>CLAY AND FLY ASH HOLLOW BUILDING BLOCKS</b>				
The blocks find widespread application in the construction of buildings.				

861	238	C	K/D G	G
<b>CLAY AND FLY ASH TILES</b>				
The product finds extensive applications in the construction industry.				

Ref No. Org.No. Status Offer Source

862 239 C L P  
**EARTH BLOCK PRESS** A manually operated press that compacts soil into unfired unstabilised/stabilised soil blocks for wide range of construction applications. Applications include low cost housing, community buildings etc.

863 240 C L G  
**FLY ASH BRICKS** The process consists of making a mixture of fly ash as such or mixed with some coarse material and lime in the presence of an accelerator with requisite amount of water. This mixture is formed in the shape of bricks in a press and the formed bricks are cured in steam to obtain a definite chemical reaction. The chemically bonded material is the building unit and used for construction purposes.

864 241 C L P  
**GYPSUM REFINING AND CALCINATION** The process consists of two stages (a) dewatering and refining and (b) calcination. Used in building and cement industries, gypsum plasters, gypsum blocks and bricks and gypsum granules.

865 242 U D G  
**INDUSTRIAL PRECISION TIMER** The timer used in various industrial process control operations. The timer can measure up to 99 seconds and has resolution of 1 millisecond. It is provided with a 3-digit LED display.

866 243 D C  
**COILS AND TRANSFORMERS** The technology facilitates manufacture of mains and output transformers.

867 243 P K/D C  
**MICROPROCESSOR BASED WEIGHING SCALE** The manufacturing plant will be semi-automatic employing 8 persons.

Ref No. Org.No. Status Offer Source

868 245 P L G  
**SYNTHETIC RUTILE** Process for production of synthetic rutile from Ilmenite by direct reduction followed by aeration. The process eliminates pollution problems encountered in conventional process. The product obtained is pigment grade TIU2.

869 245 C D G  
**THATCHED ROOF WITH EXTENDED LIFE** This technology is used to extend the life of a thatched roof by three years.

870 245 D G  
**MICROPROCESSOR-BASED WEIGHING SCALE** This technology is for manufacturing microprocessor-based weighing scales.

871 245 P L G  
**TREATMENT OF LATEX CENTRIFUGE EFFLUENT** Process for treatment of latex centrifuge effluent and treatment of latex waste effluents. It enables pollution control in natural rubber latex processing plants.

872 245 U L G  
**POLYMER REINFORCED COIR FIBRE** Process for manufacture of polymer reinforced coir fibre composites (poly coir) used as alternate building materials such as door and window panels.

873 253 C D G  
**IN-PROCESS QUALITY CONTROL FOR WELDING** This is microcomputer based basic instrumentation system designed for monitoring in process quality.

874 254 C D G  
**ARC-WELDING ELECTRODE** The technology is for the production of metal arc welding electrodes.

Ref No.	Org.No.	Status	Offer	Source
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875	255	C	K/D	G
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**NML-HCL INHIBITOR** Used for pickling of steels in hydrochloric acid at room temperature to 70 centigrade, cleaning of boilers, tubes, autoradiators, cleaning of choked steel pipes, heat exchanger tubes, etc. A unique acid inhibitor with no equals in the market. Inhibits hydrogen absorption by steels adequately. Based on polymer compounds with proven efficiency of 97% in 15% HCL. It reduces acid consumption by 60% metal dissolution by 55%, and acid mist by 95%.

876	255	C	L	G
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**METASAVE** It is a multi-purpose corrosion inhibitor, used for pickling of steel.

877	255	C	K/D	G
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**STAINLESS STEEL POWDER** Used for production of sintered items through P/M route, welding rods, porous thimbles for filters and also for sprayed powder coatings. A unique process to make stainless steel powders of ASTM 304 + 316 grade through a chemical route with no equal in the market. The yield is 94-96%. The physical and chemical properties of the powders are as good as stainless steel stocks. 86% of 350 mesh size distribution.

878	256	P	J	C
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**SINGLE COLUMN VERTICAL TURRET LATHES** The machines are available in six models with maximum turning diameters.

879	256	C	J	C
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**UNIVERSAL GEAR HOBBIING MACHINE** The high speed gear hobbing machines that can cut all types of cylindrical and toothed components either in single piece or mass production. The machine comes in three models with a maximum diameter of gear ranging from 250 to 900 mm and a maximum module from 6 to 10 in 60 kg./sq. mm steel. The basic equipment required are capital goods (metal working machinery for processing) and equipment for inspection.

Ref No.	Org.No.	Status	Offer	Source
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880	257	P	K	V
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**WELDING ELECTRODE MANUFACTURING PLANTS** The three models of welding electrode manufacturing plant conform to international specifications. Model WP-1,800 tonnes per year, based on 300 eight-hour shifts, of 4mm x 450mm light medium coated electrodes of AWS E 6013 classification. It requires manpower of 26, about 800 sq.m floor area and 360 kw/484 hp power.

881	261	P	L	G
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**COMPUTER BASED ENERGY MANAGEMENT** The CEMS claims to assist power utilities to strike a balance between demand and supply, and to provide end users with economical, high-quality power.

882	262	P	K	G
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**GAS DISTRIBUTION PIPELINE SYSTEMS**

883	270	C	L/D	P
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**PACKAGE PLANTS FOR RECLAMATION AND REUSE OF DOMESTIC WATER** The treatment process utilizes the proven modification of the activated sludge process known as extended aeration. The technique utilizes biological treatment of sewage followed by setting, sand filtration and disinfection. Additional treatment (e.g. softening) is incorporated where justified by end - users of the reclaimed water. Three sizes of package plants are available of sewage flow of 50 cu. m/day, 100 cu. m/day 150 cu.m/day. Larger sizes may be fabricated to order.

884	273	P	L/D	C
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**SOLVENT FILM CARBON (SFC) PROCESS** The process makes use of non-waxy synthetic materials

Ref No. Org.No. Status Offer Source

885 275 C L/D C

**INTEGRATED ZINC SECONDARY PLANT**

The plant processes zinc secondaries to produce zinc sulphate heptahydrate or monohydrate with options to recover brass fines or copper. The process is a very efficient hydrometallurgical route involving operations like ball milling, tabling, cementation, reaction, filtration, evaporation/salting, crystallisation, centrifuging, pulverising, sieving and inotting (pyrometallurgical).

886 277 P L C

**ETHYLBENZENE "ALBENE"** is a single step reaction process for conversion of Ethyl Alcohol and Benzene into Ethylbenzene. The reaction is carried out in the vapour phase over a zeolite based catalyst in a series of alkylation reactors. The higher ethylbenzenes formed in the alkylation step are trans-alkylated to ethylbenzene in another reactor stream. The reaction products are then condensed and purified in a series of distillation columns for the removal of unreacted benzene, higher ethylbenzenes and other impurities.

887 278 C K/D G

**PLASTER OF PARIS** The process gives high strength plaster of paris with excellent properties.

888 278 C K/D G

**SEMI-MECHANISED BRICK MAKING MACHINE** The machine produces uniform shape, size and superior strength bricks.

889 279 C L/D C

**SOFT START STARTERS AND ENERGY SAVERS** Soft start motor starters with energy saving facilities.

Ref No. Org.No. Status Offer Source

890 280 C L/D P

**HEAT TREATMENT** Heat treatment: Uses are wide ranging from fasteners, tools and dies to rolls for cold rolling mills. Basic requirement is furnaces, oil fired or electrical of sizes dependent on components/materials to be heat treated. Scale of operations can be varied from small to large, depending on local market requirements, capital available etc. Technology can be used both for job-work or as the crucial process in manufacture of a product. Ideal for small scale industry.

891 281 P J/D P

**SYNTHETIC QUALITY CARROM BOARDS**

892 282 P D P

**SERVO VOLTAGE STABILISER** Technology is available for production of servo voltage stabilisers for uninterruptable power supplies etc.

893 283 C L C

**UNREINFORCED PYRAMIDAL BRICK**

Roofing system for coastal areas affected by cyclone. Reduction in erosion, cyclone resistant, economical.

894 283 P K G

**FLY ASH BRICKS** Quality fly ash bricks are produced by this technology.

895 283 P L G

**WATER PROOFING SYSTEM** for exposed brick masonry and linal concrete surfzces. For the building industry.

896 283 C L C

**TIMBER SKELETON SYSTEM** For low cost houses. Use of secondary species of timber for economic and speedy construction, flexibility in planning.

897 283 C L G

**CLAY FLOORING AND ROOFING TILES**

898 283 C L G

**BOARD COMPACTION FILE**

Ref No. Org.No. Status Offer Source

899 283 C L G  
**BRICKS BY SEMI-MECHANISED PROCESS**  
 Manufacture of bricks by a semi-mechanised process including high draught kiln.

900 283 C L C  
**FRAMELESS DOOR AND WINDOW FIXTURES** For low cost houses. Saving by eliminating frame work, economical, saving in wood.

901 283 C L G  
**SAND LIME BRICK**

902 283 C L C  
**BALLI SKELETON SYSTEM** For low cost houses. Economical, flexibility in planning any cladding material can be used.

903 283 C L G  
**SILICATE BASED WATER PROOFING FORMULATIONS FOR BUILDINGS** Water proofing, damp proofing and checking leakage and seepage through exposed cracks in walls and roofs of buildings.

904 283 C L C  
**BRICK SKELETON SYSTEM** For construction of low cost houses. Economical, flexibility in planning. Any cladding material can be used.

905 283 C L C  
**LOW COST LATRINE** Safe disposal of human excreta. Easy to construct and clean, low water consumption, free from foul smell and flow nuisance, manure and by-product.

906 283 C L G  
**GYPHUM KETTLE AND PLASTER BOARD**

907 283 C L G  
**LIME HYDRATING MACHINE**

908 283 P L G  
**SKIRTED GRANULAR PILE FOUNDATION**  
 for foundation of buildings.

Ref No. Org.No. Status Offer Source

909 283 C L C  
**PEDESTAL PILE FOR LOW COST FOUNDATIONS** Suitable for areas having black cotton soil for low cost houses. Economical, easy to cast, saving in scarce building materials.

910 283 C L C  
**CONCRETE SKELETON SYSTEM** Concept of house in stages. Flexibility in planning, resistant against floods and earthquakes, suitable for areas of poor quality bricks.

911 283 C L G  
**PLASTIC AND CEMENT MASONRY PAINT**

912 283 C L C  
**PLINTH PROTECTION OF MUD WALLS** To protect mud walls from erosion due to flooding. Increase life of the house made of mud.

913 283 P L C  
**INTEGRATED THIN WALL AND COLUMN SYSTEM** Economical, saving in bricks and cement, easy to adopt.

914 283 P L C  
**PRODUCTION OF PRECAST BUILDING COMPONENTS** Structurally efficient sections, resulting in saving in concrete and steel. Shuttering completely eliminated.

915 283 P L C  
**PREFAB JACK ARCH PANEL SYSTEM** Saves scarce building materials, economical easy to adopt, 20 - 25% saving over RCC roof.

916 283 P L G  
**BLOCK MAKING MACHINE FOR CONCRETE BLOCKS** Concrete blocks made by the machine are as per I.S. standard, IS:2185(PART 1) - 1979 and to be used in the construction of walling in buildings and pavements.

Ref No.	Org.No.	Status	Offer	Source	Ref No.	Org.No.	Status	Offer	Source
917	283	C	L	C	926	283	C	L	C
<b>WASTE WATER DISPOSAL SYSTEM</b> For disposal of residential waste water. Simple technology, compact design, economical & real solution.					<b>IMPROVED METHOD OF MAKING FIRE RETARDANT THATCHED ROOFS</b> Roofing system for Kuccha house. Increases the life of thatch roof. Easy to construct, fire resistant and water repellent.				
918	283	C	L	C	927	283	C	L	G
<b>HOUSE FOR DISASTER AFFECTED AREAS</b> Housing in cyclone affected areas. Cyclone resistant, economical.					<b>FERROCEMENT DOOR SHUTTERS</b>				
919	283	C	L	G	928	283	P	L	C
<b>LINER KILN</b>					<b>ACTIVATED LIME POZZOLANA MIXTURE (ALPM)</b> Rapid setting and gains strength better than conventional mixture. It is suitable for mortars in masonry and plastering.				
920	283	C	L	C	929	283	C	L	G
<b>NON-ERODABLE MUD PLASTER</b> To protect mud walls from erosion. Water repellent, increases life of mud walls, economical.					<b>LIME AND LIME PRODUCTS</b>				
921	283	C	L	G	930	284	C	L/d	C
<b>MECHANISED PAN SYSTEM FOR GYPSUM CALCINATION</b>					<b>PARTICLE BOARD</b> Agricultural wastes like saw dust, rice husk etc. can be effectively made into particle board.				
922	283	P	L	C	931	284	C	L/D	C
<b>SOLID PRESTRESSED CONCRETE POLES</b> Suitable for industrialised production of solid prestressed concrete poles as per shape and size standardised by rural electrification corporation conforming to IS:2905 -1966.					<b>NON FERROUS ROLLING MACHINE</b> Non ferrous metal sheets are used in chemical industries for making decorative items for making utensils etc. The sheets are produced from ingots and are rolled into sheets. A semi automatic process for its conversion into sheets has been designed. This is an improved process and is available in desired capacities.				
923	283	C	L	G	932	284	C	L/D	G
<b>WOOD WOOL BOARDS</b> Making wood wool boards at small scale level.					<b>CYCLE TYRES AND TUBES</b> This is an essential recurring requirement for bicycles.				
924	283	C	L	G	933	284	C	L/D	C
<b>MINI CLIMBING CRANE</b>					<b>WELDING ELECTRODES</b> The technology offered for the production of welding electrodes is for MS wires as well as for cast iron. It is a complete automatic unit with a capacity ranging from one tonne per day to eight tonnes per day. Higher capacity unit can also be designed on request. Training facilities are also available.				
925	283	P	L	C					
<b>ENERGY EFFICIENT GYPSUM CALCINATOR</b> The quality of gypsum plaster produced in the calcinator conforms to the Indian standards IS - 1288-1973, IS -2542 (PAT-1) - 1978 and IS-8272-1976, for different properties. Plaster produced is suitable for building industry, pottery, ceramic and surgical uses.									



- | Ref No.  | Org.No. | Status | Offer | Source | Ref No.  | Org.No. | Status | Offer | Source |
|--|---------|--------|-------|--------|--|---------|--------|-------|--------|
| 934  | 284     | C      | K     | C      | 938  | 284     | C      | L/D   | C      |
| <p><b>HAND MADE PAPER</b> Production of high grade hand made paper and boards is done in a plant consisting of hollander beater machine, calendering machine, paper cutting machine, coaching trollies, cylinder mould and vat, knife grinder, rag chopper, pulp handling equipments set. Uses waste cotton, old rags, waste cotton cloth, jute, caustic soda, bleaching powder etc. to get the finished product. Applications include packaging, file making, book binding, box making etc.</p>   |         |        |       |        | <p><b>WATER METERS</b> are used to measure the discharge or flow of water in the pipelines. There are basically two types of water meters. The inferential type (horizontal body) meter measures the velocity of flow from which the discharge is measured. Semi positive type meter records volumetrically practically down to zero of water passing through it.</p>  |         |        |       |        |
| 935  | 284     | C      | L/D   | C      | 939  | 284     | C      | L/D   | C      |
| <p><b>MOSQUITO REPELLENT</b> Rising mosquito menace has caused much concern all over the world.</p>  |         |        |       |        | <p><b>DIE CALCIUM PHOSPHATE</b> is used as a fertliser and is manufactured from bones or phosphate rock. It is also obtained as a by-product from the process for making gelatine from bones. A complete project for the manufacture of gelatine and dicalcium phosphate as a by-product is available. The process includes crushing of bones, treatment with sulphuric acid or HCL, curing and drying. This is a complete automatic process with minimum capacity of 3,000 MTS per annum.</p> |         |        |       |        |
| 936  | 284     | C      | L/D   | C      | 940  | 284     | C      | L/D   | C      |
| <p><b>PRINTING INK</b> Printing industry highly depends upon the quality printing inks. The main factors governing the use are its drawing and adhesion properties. The selection of chemicals in the production of printing inks are based on the type of machine and paper used. The technology offered is suitable for letter press ink used on flat bed, slow speed machines, web offset printing inks and for tin printing ink so produce conforms to Indian standards specifications and the desired capacity of the unit can be designed.</p> |         |        |       |        | <p><b>ALUMINUM DIE CASTING</b> Die casting is an art of producing accurate dimensions in articles by filling metal dies or moulds with molten metal. Die casting technique is one of the fast methods of metal shaping. Intricate and complicated shapes are cast into the finished component within a matter of seconds having close tolerances. Automobile parts, building hardware are main sectors of die casting applications.</p>  |         |        |       |        |
| 937  | 284     | C      | L/D   | C      | 941  | 284     | C      | L/D   | C      |
| <p><b>CONCRETE HOLLOW BLOCKS</b> Concrete hollow blocks are utilised for building construction and are much in use for the purpose. The machines for making hollow blocks are available in three categories.</p>   |         |        |       |        | <p><b>HDPE WOOVEN SACKS</b> Wooven sacks have become a common utility time for packing cement and other dry products, industrial as well as domestic. The production process involves extrusion, weaving on circular knitting machines, cutting and printing. The unit is available in different capacities and can be designed to the desired capacity.</p>   |         |        |       |        |

Ref No.	Org.No.	Status	Offer	Source
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942	284	C	L/D	C
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**TOILET SOAP**

943	285	C	E/D	P
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**MINI CEMENT PLANT** A new process for the manufacture of cement using a vertical shaft kiln.

944	286	C	K/D	G
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**ETHANOL FROM MOLASSES** Ethanol is a basic raw material for the production of many important chemicals and pharmaceuticals. The process has improved the characteristics of a strain of yeast, *Saccharomyces cerevisiae*, which convert molasses to ethanol most efficiently and economically. The strain has pronounced osmolerant and ethanol tolerant properties. It tolerates high initial sugar level (25-30%) in the fermentation broth.

945	287	C	K/D	G
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**RUST CONVERTER** Finds application where rust prevention is important. The product is a simple two component system. The components are mixed in specified proportions 30 minutes before its usage. The mixture is applied to the rusted surface, free from loose rust which forms a protective coating. The product eliminates the tedious as well as costly methods of surface preparation and acts as an excellent base for normal painting.

946	287			G
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**NICKEL - IRON BATTERY** The nickel iron rechargeable battery.

947	287	C	E/D	C
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**MAINTENANCE FREE LEAD-ACID BATTERIES** used in emergency lights, portable torch and lantern and standby power supply (UPS) etc.

948	287	C	K/D	G
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**MAGNESIUM - CUPROUS CHLORIDE WATER ACTIVATED BATTERY** is used in radios.

Ref No.	Org.No.	Status	Offer	Source
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949	288	W	L	R
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**IMPREGNATING PITCH FOR GRAPHITE ELECTRODES** Impregnating pitch is needed to densify graphite electrodes. The pitch was made from commercially available coaltar by squeezing out a certain range of molecular components by successive fractionisation, blending and thermal treatment. The approximate yield of the impregnating pitch is 40% on weight basis from coaltar.

950	288	W	L	R
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**PITCH COKE** has been developed for use as a material for carbon products. The pitch coke based electrodes showed higher density, mechanical strength and nearly the same value of electrical resistivity. Superior properties of pitch coke were on account of better compatibility between the functional groups of the constituents. The pitch coke will be a better material for anode carbon in aluminium production.

951	288	W	L	R
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**DISTILLATION OF COALTAR** was done to prepare a precursor material which was used to prepare quality pitches containing less amount of primary quinoline in solubles which hinder the growth of graphitic structure, this being an avoidable ingredient of the raw material varying in size from a fraction of a micron to over 20 microns required special separating procedures filtration.

952	288	W	L	R
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**AVIATION GRADE BRUSHES** perform under the conditions of high altitude where humidity level is considerably reduced and normal metal graphite brushes are not suitable for operation. The brushes have been made as per designs. The technique followed is the production by powder metallurgy methods.

Ref No. Org.No. Status Offer Source

953 288 W L R  
**EXTRA FINE CONTROL NEEDLE VALVE**  
 These are of two types. 1) for pipe line mounting and 2) for panel mounting. These models of valves can be used for the accurately controlled supply of gases into a vacuum chamber in the pressure range below atmospheric pressure.

954 288 W L R  
**ENERGY SAVING DEVICES** 1. Electronic Capacitive Ballast. The make and break of contacts in starter provides the initial high voltage 'kick' for initiating discharge and the ballast stabilises current in the steady state. 2. Low Loss Fan Regulator. The speed regulator developed has the features of low loss and near unity power factor. 3. Timers. Midnight switch off lamps for street lighting applications.

955 288 W L R  
**HIGH FREQUENCY STANDARD CAPACITORS** These capacitors are of cylindrical design with air as dielectric. The design of the capacitors is such that their approximate values can be calculated from the dimensional measurements of various parts.

956 288 W L R  
**INDUCTIVE VOLTAGE DIVIDERS** It is based on auto-transformer principle. These serve as accurate and stable voltage ratio standards. These are used in precision AC grids, calibration of ratio transformers, attenuators, voltages, phase angles and impedances etc.

957 288 C L G  
**ELECTRONIC ENERGY SAVERS** such as electronic capacitive ballast.

Ref No. Org.No. Status Offer Source

958 288 W L R  
**BLACK STAMP CANCELLATION INK** It is used by the P and T department for cancellation of stamps, issues of receipts and maintenance of records etc. It is based on vegetable oil. The ink thus prepared is cheaper in cost and better in performance.

959 289 C K/D G  
**ANTIOXIDANTS TO IMPROVE DURABILITY OF BITUMINOUS MIXES** The used antioxidants in bituminous mixes is to achieve improvement in durability.

960 289 C K/D G  
**INDUSTRIAL WASTES FOR USE IN ROAD CONSTRUCTION** Coal, ash, Blast furnace slag in combination with lime and soil can be used as base course or sub-base course in road construction. These industrial waste materials are mixed with soil/lime when adequately compacted, possess adequate strength to sustain the load of traffic.

961 289 C L G  
**PRECAST CONCRETE BLOCK PAVEMENT (PCBP)** Hexagonal shaped interior blocks and pentagonal shaped edge blocks form the two precast paving components. They have provision for inter-connection. The blocks are plain on top and have ribs underneath. The components are paved on compacted sandy substrate and seated by vibratory compaction. PCBP finds use in construction of roads on sandy substrates for low volume traffic.

962 289 C K/D G  
**ANTIOXIDANTS TO IMPROVE DURABILITY OF BITUMINOUS MIXES** The anti-oxidants are used in bituminous mixes to achieve improvement in durability of bituminous roads. The major raw materials used are carbon disulphide, metal salts of antimony, lead, bismuth, dibutyl amine, dipropyl amine.

Ref No. Org.No. Status Offer Source

963 291 C K/D G  
**ELECTRODIALYSIS DESALINATION OF BRACKISH WATER** The process finds use in desalination, removal, recovery and concentration.

964 291 C L G  
**DESALINATION OF BRACKISH WATER** Used in providing drinking water in rural and costal areas where no fresh water is available.

965 293 C L G  
**LIGHT DUTY HYDRAULIC PROP** This is used as a roof support in mines.

966 294 P L G  
**HURRICANE LANTERN** Improved hurricane lantern, a tinplate assembled stormproof hurricane lantern burning kerosene on wick for indoor as well as outdoor applications. For domestic use and by defence forces. Very efficient lantern compared to conventional ones which produce sooty, distorted and flickered flame.

967 294 C L G  
**WICK STOVE** an improved capillary multi-wick fed type domestic kerosine stove. It has a thermal efficiency of 60% as compared to 45% available in the market. Fuel saving is of the order of 15%. Heating time to heat a specified amount of water has reduced appreciably in the improved design.

968 294 C L G  
**SULFOLANE** This is a solvent for extraction of aromatics.

969 294 C L G  
**IIP FILM BURNER** a fuel efficient lap film burner. Novel burner design 10-30% fuel saving over existing burners in various applications - heat treatment, forging, tea industry, ceramic industry, etc. Patented in India and UK. More than 5000 burners are in operation in India and Kenya. Bagged NRDC award in 1985.

Ref No. Org.No. Status Offer Source

970 294 W L G  
**LPG STOVES** an improved metal sheet chrome plated or of stainless steel body domestic stove for use with petroleum gases (LPG). It has a thermal efficiency of 72% as compared to the conventional one with 64% efficiency. Fuel saving in the improved design is of the order of 12.5%.

971 295 C L G  
**PLANT TISSUE CULTURE** The technique is used in mass production and propagation of specific plants and trees. Techniques for micropropagation have been developed for Turmeric, Pomegranate, Cardomom, Sugarcane, Eucalyptus and Teak. The technique allows production of disease free stock, new varieties and plants that are normally difficult to propagate. Plants can be propagated round the year not withstanding climatic constraints.

972 296 C L G  
**PROCESS INSTRUMENTS FOR PULP AND PAPER** Off line process instruments for rapid measurement of moisture content in paper. GSM gauge used to measure the basic weight parameter of paper in gms/sq.mt. Low consistency monitor used for measuring pulp consistency in the range of 0.1 - 1.0%.

973 297 C D U  
**THROUGH HARDENED BUSHES FOR EARTH MOVING EQUIPMENT** Heavy duty bushes are used for track chains in earth moving equipment. Development in our labs have resulted in significantly less wear of these heavy duty bushes, increase in load carrying capacity, longer life and hence considerable saving. It can be used by manufacturers of earth moving equipment. Our technology is already being used by industry and can be further licensed.

Ref No. Org.No. Status Offer Source

974 297 P D U  
**ENERGY EFFICIENT HYBRID AIR CONDITIONERS FOR YEAR ROUND USE** It combines evaporative cooling, mechanical cooling and a reverse cycle.

975 297 P L/C U  
**SINGLE ROLL CONTINUOUS SHEET CASTER** Continuous casting of sheets has been achieved for several metals/alloys. In the laboratory, sheets of width up to 10cm and thickness up to 5mm have been achieved. All the control parameters have been evaluated and the process can be scaled up for industrial plant usage. This process saves on cost and energy while giving a constant high quality product. It can be used by mini-steel plants, aluminium and alloy industry. Requires some collaborative work with interested industry for scaling up.

976 297 P L U  
**SLUDGE-FREE ELECTROMECHANICAL SPARK MACHINING** A new process called Sludge Free Electromechanical Spark Machining.

977 297 C D U  
**CERAMIC COATINGS FOR HEAT TREATMENT TO REDUCE OXIDATION** These coatings reduce oxidation of metal surface during heat treatment in furnaces by up to 98% at 1200 degrees C and also reduce carburisation substantially. This minimises dimensional changes, metal loss and surface roughness produced otherwise due to heat treatment. After the heat treatment is over, these coatings come off themselves. The cost is low and application is like a paint coating. These are useable with mild steel, stainless steels and tool steels. It can be used by all industries doing heat treatment of steels.

Ref No. Org.No. Status Offer Source

978 297 P L/d U  
**SYNTHESIS OF AROMATIC PERFUMES** A catalytic process using cobalt complex has been developed for the synthesis of aromatic perfumes.

979 297 P L/d U  
**CONTACT LENS AND DRY EYE SOLUTIONS** Complete compositions/recipes for contact lens and dry eye solution have been developed.

980 297 P D U  
**WHITE CEMENT FROM RICE HUSK** This is a real solid-state reaction cement.

981 298 P L/D C  
**80 TON HORIZONTAL COLD CHAMBER PRESSURE DIE CASTING MACHINE** The machine has a maximum locking force of 250 tonnes.

982 299 C L C  
**ROUTER MACHINE** This machine is suitable for wood working jobs, like recessing, grooving, mortising and profile shaping. This machine is ideal for making handles, radio cabinets, shutters, French curves and is electrically driven by a 3 HP motor with belt or gear and has a fixed or tilting head

983 259 C L C  
**25 TON PRESS BRAKE** The press brake is suitable for furniture up to 16 gauge sheets. Variety of operations such as cutting, bending angle and channel forming, curling, corrugating, flanking, hammering, seaming, flatterring, punching, blanking and straightening can be carried out. The capacity of the machine is 25 ton with 5 HP electric motor and 1830mm long sheets.

Ref No. Org.No. Status Offer Source

984 299 C L C  
**SEED CUM FERTILISER DRILL**  
 Specifications: 1) Overall dimensions - 70" x 25" x 30" 2) Weight - 115 Kg 3) The fertiliser is fed by a rotating agitator and the seed by a rotating nylon brush 4) Furrow openers - two rows of five furrow openers each 5) Capacity - rear hopper for seed: 0.8 cu ft. 6) Adjustment of furrow openers - vertical max 6" in 13 steps of 1/2" each 7) Drive - By two bullocks, one each on either side of the detachable yoke which is of tubular steel.

985 299 C L C  
**UNIVERSAL PUNCHING AND SHEARING MACHINE** This is a unique machine for sheet metal units or fabrication work.

986 299 C L C  
**POWER SHEAR** It is used for shearing metal jobs.

987 300 C L/D C  
**BEAM CUTTING PRESS** The technology is for an electrohydraulic travelling hard cutting press.

988 300 C L/D C  
**ELECTRO HYDRAULIC SWING ARM CLICKER** This machine is suitable for clicking uppers soleleaser and user materials like hard board, paper, PVC closed etc. The cutting force is 22 tonnes and swing arm width is 460 mm. The machine works with a 3 HP motor.

989 311 P L C  
**METERING/DOSING PUMPS** These pumps are used for transferring a specified quantity of fluid in Petro/Chemical plants. Plunger or Hydraulically Actuated Diaphragm Type suitable for low capacity and high pressure application.

Ref No. Org.No. Status Offer Source

990 312 P L C  
**CONVEX CALCINATION** technology is unique worldwide to calcine powderous gypsum with low specific consumption of utilities and offers a wide range of gypsum products with attractive techno-economic virtues for precast building material. The products facilitate speed of construction at low labour input. The technology contributes to global objectives like waste utilisation and pollution abatement.

991 312 C L R  
**FAL - G CEMENT** is a ground blend of fly ash, lime and calcined gypsum devoid of sintering/clinkerisation and consumes about 20% of thermal energy when compared with OPC. Using FAL-G cement, concrete mortar grades can be developed in parallel to OPC with about 40 - 50% cost effectiveness. FAL-G cement is formidable for massive fly ash utilisation.

992 312 P L C  
**FAL - G BRICK/BLOCK** technology is a breakthrough in fly ash utilisation scenario and avoids of energy intensive processes like sintering and autoclaving. FAL-G brick is lighter, 3-4 times stronger than conventional clay brick, cost effective and contributes to top soil conservation and ecological balance. FAL-G substitutes OPC and is amenable for production of concrete block with parallel technology.

993 313 C L P  
**ANTI POLLUTION DISPERSANT SPRAY SYSTEMS FOR OILS SPILLS** on sea surface

994 315 C L P  
**AGRICULTURAL MACHINERY** Specialist in harvesting and threshing machinery, such as wheat paddy and multicrop threshers self propelled reapers etc. Material, steel construction by fabrication.

Ref.No. Org.No. Status Offer Source

995 316 M L U  
**BASIN LISTER** The tractor drawn Basin Lister is an attachment to the tractor which forms basins in the field. This retains rain water which helps to conserve the dry tracts and covers 2 HA/day.

996 317 F L/J P  
**LEAF CUP MAKING MACHINE** for making elegant, hygienic and eco friendly cups. Size 100mm to 300mm any shape. Machine operated by kerosene or electricity. Ideal for women and government employment programmes.

997 319 P L C  
**CNC WIRECUT EDM - MACHINE TOOL 4**  
 Axis CNC wirecut EDM - machine tools: Rigid fabricated C-type construction. XY slides guided on LMG with precision ball screw. 300 mm x 400mm traverse 1 micro m resolution. UV table with ball screw, stroke +/- 15mm. Microstepper divs for XY UV. Wire drive with 5kg wire spool. Programming system on IBM-PC/AT compatible.

998 320 C L C  
**METAL FINISHING PLANT: EQUIPMENTS AND CHEMICALS METAL FINISHING PLANTS AND EQUIPMENTS AND CHEMICALS** Manufacture of manual semi-automatic and fully automatic metal finishing plants and equipment and chemicals.

999 321 F L C  
**FLAME PROOF ELECTRIC MOTORS** 1/3 HP, 1/2 HP and 3/4 HP single phase 220/230 V 50 HZ suitable for applications like petrol dispensing pumps and chemical factory machines, industrial sewing m/c motors. 1/4, 1/3, 1/2 HP single phase 220/230 V 50 HZ suitable for garment units.

1000 322 C L/J P  
**WIRE DRAWING M.S. wires from wire rods** 8mm to 1.4mm Complete plant and know how on turnkey basis available.

Ref.No. Org.No. Status Offer Source

1001 323 U L P  
**DIESEL PUMP SERVICE STATION** Setting up of Diesel Pump Service Station for servicing of all types of diesel fuel pumps and nozzles.

1002 324 C L/J C  
**LINK CHAINS** Know-how for production of welded steel link chains for agriculture, fishing, load lifting, transport, conveyors and other special applications. Can supply complete plant and machinery or assist procurement elsewhere. Train personnel in operation or alternatively provide initial operatives for training and starting of operations.

1003 326 U L/J P  
**SURGICAL DRESSINGS** We are the manufacturers and exporters of surgical dressings. We are in the field for 45 years, exporting worldwide. Interested to offer technical know-how/joint venture.

1004 327 P D C  
**AIR SEPARATION AND ACETYLENE PLANT**  
 The product line: Air separation plant, Heat exchangers, cryogenic liquid pumps and stainless steel fabrication.

1005 327 C L/J C  
**PRODUCTION OF OXYGEN/NITROGEN FROM ATMOSPHERE** Oxygen/Nitrogen produced by drawing air from atmosphere, compressing it in air compressor and then expanded (Jule Thompson effect) to liquify the air. Subsequently by fractional distillation, oxygen and nitrogen are separated out to desired purity. Acetylene gas is produced by reaction of water with calcium carbide in a generator.

Ref No. Org.No. Status Offer Source

1006 328 P L C  
**WAX MATCH MANUFACTURING PLANT**  
 Asia match manufacturing are the largest manufacturers of safety matches in India. They also fabricate machinery for manufacturing wax match factory for the interested industrialists with complete set of machinery and offer technical know how right from conception to delivery. It is a turn key project. Use of timber is totally avoided in the process.

1007 329 P L C  
**ACTIVATED LIME POZZOLANA MIXTURE (ALPM)**

1008 330 C L/J C  
**SHREDDING MACHINE** A novel design of destruction for papers up to thickness of 10mm bundle with cross cut bits of 4 x 5 mm, requires no operator skill, can work on paper with staples/pins and have enough safety.

1009 331 C L/J C  
**GROOVED PINS** This technology is offered only for export, for complete manufacture of Grooved Pins. A fastener as per DIN 1469 to 1476. Used in machinery, automobiles, textile machinery, industrial valves etc.

1010 333 C L/J C  
**WELDED STEEL PIPES** GI and high frequency welded made out of HR and CRCA mild steel in both black and hot dipped galvanised qualities with or without threads and sockets used in the water service, irrigation, industrial liquid flow and other industrial uses. It has longer durable life than any other pipe used.

1011 333 P D C  
**STEEL PIPES AND TUBES** The product lines: Black steel tubes and pipes, Galvanised steel pipes, cycle pipes and furniture pipes etc.

Ref No. Org.No. Status Offer Source

1012 333 F L/J C  
**STEEL LANCING PIPE** high frequency welded made out of H.R. or CRCA mild steel in black or hot dipped galvanised qualities with threads and sockets used for blowing oxygen or any other gas in steel smelting furnaces and suitable for other industrial purpose high pressure tested consumable products of various smaller inner diameter.

1013 333 C L/J C  
**STEEL CONDUIT PIPES** high frequency welded made out of H.R. or C.R.C.A. mild steel in black or hot dipped galvanised qualities with thread and socket and other accessories used in concealed electrical wiring. Life long and durable conduits used in every building construction, the fire proof quality is important for houses and industries.

1014 334 C L/J C  
**COLLAPSIBLE TUBE** We offer turnkey project of collapsible tube manufacturing.

1015 335 P L/J P  
**PAPER PINS AND GEM CLIP** production can be undertaken in your country with our joint venture assistance. Complete plant on turnkey basis with pre-production runs can be undertaken.

1016 336 P L C  
**INDUSTRIAL FURNACES FOR VACUUM FLUIDISED BED**

1017 337 C L/J P  
**DETERGENT AND CLEANING FORMULATIONS** Low cost manufacture of detergent and cleaning formulations such as laundry detergent powder, multi-purpose liquid cleaner, car shampoo, rugs shampoo etc. Project can be started with a low investment of RS.50,000 to RS.100,000.



## OFFERS

## 6. LIGHT INDUSTRY

Ref No.	Org.No.	Status	Offer	Source
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1018	338	C	L	C
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**WELDING ELECTRODES** suitable for welding all types of alloy steels, hard facing, castings and stainless steels. Electrodes ranging from diameters of 2.5 to 5mm as per AWS classification and suitable fluxes for the manufacture of the above electrodes.

1019	338	C	L	C
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**CNC LATHES** Ideal for training operators on principles of CNC turning by programming of aluminium and brass. Useful for production of small components pertaining to electronic instruments and electrical appliances. Specification, centre height - 70mm, centre distance- 310mm, CNC system: 2 axis continuous path computer numerical control system.

1020	338	C	L	C
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**WATCHES (LADIES AND GENTS)** Mechanical versions which are hand wound, automatic and with day and date displays as well as quartz analog and digital. Gold plated, stainless steel as well as multi-coloured plastic appearance parts. Attractive and trendy dials and fashion designs. Wide range of models to cover rural, urban, youth, fashion conscious clientele.

1021	338	P	D	C
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**MACHINE TOOLS** The product includes various types of machine tools used by engineering industries.

1022	338	C	L	C
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**BEARINGS** Single row ball bearings, single and double row cylindrical roller bearings, tapered roller bearings and custom built bearings both in metric and inch sizes conforming to international standard sizes.

1023	338	C	L	C
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**LAMP MAKING MACHINERY** and technology for manufacturing lamps 15W to 200W, 110V to 250V technology and total turnkey project for small units at a production rate of 750 lamps/hour and for large production rate of 2000 lamps/hour.

Ref No.	Org.No.	Status	Offer	Source
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1024	338	C	L	C
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**PLASTIC INJECTION MOULDING MACHINE** Plants for PVC pipes with twin screw extruders, PVC wire coating plants with single screw extruders and PVC palletising and automatic plastic injection moulding machine with adjustable mould opening strokes with mould locking force ranging from 130 tonnes to 400 tonnes.

1025	338	C	L	C
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**HACKSAW BLADES** Hand hacksaw blades for manual operation and power hacksaw blades for machine operation. Hand hacksaw blades can be manufactured from low alloy steel, high carbon steel and high speed steel. Machine hacksaw blades from high speed steels. Size range : length 300mm to 600mm, width 12.5 to 40mm, thickness 0.63 to 2mm, pitch 0.8 to 4mm..

1026	338	C	L	C
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**PRINTING MACHINES AND PRINTING UNITS** Letter press printing machines, single colour sheet fed offset printing machines, two colour sheet fed offset printing machines for doing excellent job on packaging material, labels, cartons and book covers of varying sizes and thicknesses and even in four colours.

1027	338	C	L	C
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**METAL CUTTING AND METAL FORMING MACHINES** Wide variety of metal cutting and metal forming general purpose machines covering turning, milling, drilling, boring, grinding, broaching, gearing, presses and press brake machines of proven performance, rugged construction, based on the state-of-the-art technology acquired from world leaders over the years.

Ref No. Org.No. Status Offer Source

1028 338 C L C  
**CNC MACHINES** CNC turning centres, CNC machining centres, CNC cylindrical grinders, flexible machining cells and robots. Machines of proven performance, rugged construction, latest CNC control system based on the state-of-the-art technology acquired from world leaders. Hard-ware and specific software for the CNC control system and the machine tools available.

1029 338 C L C  
**TRACTORS** useful for all types of terrain, soft, medium, hard and hard soils of farm lands. Also suitable for variety of other applications like hauling, dozing the land, harvesting crops etc. Available in engine horse power capacities of 25, 35, 45 and 59 and twelve speed, with hydraulic brake.

1030 342 P L C  
**TEXTILE DYING AND PRINTING** Offer high tech textile dying and printing both ordinary and screen printing of cotton and polyesters. Product claims not only safe but also fast colours and high get up.

1031 343 C L C  
**JEANS, FABRIC BAGS, CHILDREN'S JEANSWEAR** We make jeans, fabric bags and childrens jeanswear. We can offer this know how for small scale manufacturers anywhere in the world. Included in this is the ability of creating jeans fabric on a very simple textile machine.

1032 344 F L C  
**PINCH VALVE SLEEVES** These are made in rubber and polyurethane and are used in control devices for bassing equipment.

1033 344 F L C  
**CASTOR WHEELS AND SOLID TYRES** The entire range of castors in steel lined with rubber and solid tyres of rubber are offered.

Ref No. Org.No. Status Offer Source

1034 344 F L C  
**RUBBER ROLLERS** Technology for all types of rollers used in textile, paper processing in materials such as ebonite, natural rubber, nitrile and neoprene rubbers is offered.

1035 344 F L C  
**TEXTILE COTS AND APRONS** Nitrile antistatic cots and aprons for textile spinning are offered the product is used in spinning machines, drawframes, converters, texturising machines.

1036 344 F L C  
**RUBBER SHEETING** Rubber sheets find applications in a wide range of industries. Technology is offered for the entire range of rubber sheeting.

1037 344 F L C  
**PRESS TOOL DIES AND SPRINGS** Polyurethane and neoprene rubber buffers are used on forming tools and ejection springs for press tools.

1038 344 F L C  
**EBONITE RODS AND SHEETS** This natural rubber product is used in fountain pens, for electrical insulation boards, plugs and sockets. Technology for the same is offered.

1039 344 F L C  
**BRIDGE BEARING PADS IN NEOPRENE** Process and knowhow is offered for the selection and manufacture of PADS. The company was at one time one of India's largest manufacturers.

1040 345 C K P  
**DUAL MEDIA FILTER AND WATER DEMINERALISERS** Filters remove suspended solids up to 1000 ppm. Demineralisers remove dissolved mineral from water. Filters are used in filtering canal, river and muddy water of high suspended solids. Demineralisers are used in pharmaceuticals and chemical laboratories.

Ref No. Org.No. Status Offer Source

1041 347 C D P  
**AIR PLASMA CUTTING MACHINES** These machines make use of compressed shop air and electricity to cut all metals such as M.S., S.S., copper, brass, aluminium, monel and many others. Machines are available for cutting thicknesses up to 150mm. The cutting speed is almost 4 to 10 times faster and operating cost is just half of conventional methods of cutting.

1042 351 C D P  
**AMMONIUM NITRATE BLASTING GRADE** Complete technology available for manufacturing ammonium nitrate blasting grade used in all kinds of mining industries, cement factories etc. particularly for developing countries.

1043 352 C D L  
**WELDING AND DRAWING OF STAINLESS STEEL PIPES** Complete technology and machinery for manufacture of SS pipes (TIG welding continuous) and the drawing of SS pipes including coating, decorating, annealing, quenching. Stainless steel has a variety of uses and is a very viable project for developing countries as it is used extensively in food, chemical, petrochemical, fertilizers, oil sector as also for furniture/interior decorating process.

1044 353 C L G  
**ISRO DRY POWDER** Metal fires involving reactive metals can be effectively extinguished using ISRO dry powder, a ternary eutectic composition, which readily fuses on the surface of burning metal, preventing the air supply for combustion. It is effective against oil fires as well.

Ref No. Org.No. Status Offer Source

1045 354 C L/K C  
**SODIUM/POTASSIUM CHLORATES, PERCHLORATES AND HYPOCHLORITES** Starting from sodium chloride or potassium chloride to produce chlorates caustic soda and chlorine to produce hypochlorites, lime and chlorine to produce stable bleaching powder. The plant(s) can be designed for small to medium size pollution free units.

1046 354 C L/K C  
**FORMALDEHYDE** technology produces various grades of formaldehyde starting from methanol for small to medium sized plants at a highly economical cost. The design incorporates high yield, energy conservation and pollution control measures.

1047 354 C L/K C  
**WATER TREATMENT CHEMICALS** Water Treatment Chemicals - alum, ferric chloride. Alum is produced from bauxite and sulphuric acid, whereas Ferric Chloride is produced from iron chips and chlorine in a reactor. Both units can be designed from small to large size economically.

1048 354 C L/K C  
**SOAP AND DETERGENTS** Small to medium size soap and detergent plants on turnkey basis are offered to produce toilet soap, washing powders alpha olefin sulfonate, LAB sulfonate etc. to meet specific requirements of clients on highly reduced capital and operating cost basis. Raw materials required are spent lye from edible oil refinery, FFA, LAB, alpha olefin etc.

1049 354 C L/K C  
**POLLUTION CONTROL UNITS** pollution control/environmental engineering units to treat gaseous, liquid and solid effluents/wastes from wide range of sources to meet stringent pollution control limits/laws before discharging. Technology emphasizes the concept of recovery of by-products/saleable products from effluent streams so as to reduce the overall cost of pollution control units, at highly competitive price.

Ref.No. Org.No. Status Offer Source

1050 354 C L/K C  
**NITROCHLOROBENZENES**  
 Nitrochlorobenzenes: Ortho, meta and para Nitrochlorobenzenes. Uses: Dyes agrochemicals, and as an intermediate for other chemical manufacturing. Raw materials: Chlorine and Benzene, process involves chlorination of benzene to monochlorobenzene and then nitration in the presence of mixture sulphuric/nitric acid to nitrochlorobenzenes and then separation into ortho, para and meta nitrochlorobenzenes.

1051 354 C L/K C  
**PARTICLE BOARD** small to large size plants to produce particle board from woodwaste, bagasse and medium density fibreboard plants based upon agriculture residue cotton and insulation board to meet a wide variety of requirements of building industry at a highly economical price.

1052 354 C L/K C  
**WATER TREATMENT PLANTS** technology for treating raw water from river, tubewell etc. to meet various requirements of industrial processes such as filter water, OM water, boiler feed water, cooling water, chilled water etc. and to reuse waste water for zero discharge using conventional as well as new process technologies for small to large scale units at a highly economical price.

1053 354 C L/K C  
**PAPER MILLS** technologies to set up small to medium sized pulp and paper mills to produce writing and printing and certain speciality papers based upon combination of raw materials e.g. waste paper, agriculture residues, woodchips, bagasse and cotton rags. The paper mills are highly economical and pollution free.

Ref.No. Org.No. Status Offer Source

1054 354 C L/K C  
**MAGNESIUM METAL** Raw material: Sea water rich in magnesium content. Location: Near to sea coast. Uses: Alloy for structural/ auto etc. Process: Suitable for medium size plants incorporating highly efficient energy process and pollution free unit. Flexible to design for various capacities to suit country's specific requirements.

1055 355 C L C  
**ELECTRONIC BALLAST FOR FLUORESCENT TUBES** electronic ballast developed and commercialised can avoid losses to an amount of 15W to 18W in a typical 40W tube resulting in 40% excess power consumption. 18% of India's annual consumption and 10% of total consumption is used for fluorescent lighting. Central Power Research Institute Bangalore has certified its efficiency and performance.

1056 355 C L C  
**ELECTRONIC VOLTAGE DETECTOR** consists of device incorporating solid state circuitry with light emitting diode indication. Works on 3V DC (2 pen torch cells) with very low power consumption. (Life of cell more than 6 months). It is a portable unit with handle housed in a durable plastic casing. It can be used by electrician linesmen and other electrical industries. It detects AC voltage without physical contact with voltage bearing solid units wires or cables.

1057 355 C L C  
**ELECTRICIAN KIT** It contains 17 quality hand tools compactly packed in PVC carrying case cut out for every location. Kit can be used for domestic wiring. Electronic voltage detector checks the presence of AC mains without physical contact.

Ref No. Org.No. Status Offer Source

1058 356 C L C  
**ANALOG TEMPERATURE INDICATOR CONTROLLER (PANEL TYPE)** This temperature controller can be used for controlling the temperature of furnace, oven, extruder machines or any other machine, where temperature is to be controlled with present value. The controller indicates the actual temperature at any instant and can make on/off operation of any external contactor for switching the heater on/off. Range of the controller can be extended. Range: 0 - 400 C, accuracy 1C. Power supply 230 volts 50c/s single phase. Sensor: thermocouple

1059 356 C L C  
**PVC EXTRUDER** This machine is suitable for coating of PVC on copper or aluminium. Conductor required for domestic and industrial purposes. Micro processor based. D.C. motor has been incorporated with the machine for higher efficiency range from 45mm, 65mm and 90mm. Power required: 10KW - 440 Volt 3 phase 50 c/s. Extrusion capacity 20 kg/hr to 160 kg/hr. Dia of coated wire: 2.8mm to 35mm Production capacity: 3 to 100 m/minute

1060 356 C L C  
**TOOL KITS** for bamboo and cane processing for cottage industries have been developed. Tool kit for rural artisan service mechanic has also been developed. Both the tool kit sets are made from best quality raw material with proper manufacturing process under strict quality control.

Ref No. Org.No. Status Offer Source

1061 356 C L C  
**ELECTRONIC THICKNESS GAUGE** This electronic thickness gauge can be used as an in-line equipment with cable manufacturing machine or sheet or round bar manufacturing machine. The equipment gives alarm indication to the operator of the machine when there is any deviation from the desired value. Deviation is indicated in the thickness gauge in both the positive and negative values as per actual value compared to stated value. Range : 0 - 25mm, Deviation range : -0.3mm to +0.3mm, Power supply : 230 volts 50 c/s single phase.

1062 356 C L C  
**HIGH SPEED 45MM EXTRUDER AND WIRE COATING MACHINE** It is suitable for telephone wires with very high pulling speed of 400 - 500 metres per minute. Microprocessor based DC motor incorporated. Power: 10KW 400 volts 3 phase - 50c/s. Dia of coated wire: up to 1.00 mm. Production capacity: 165 to 500 m/minute

1063 357 C L C  
**UNIVERSAL TOOL AND CUTTER GRINDER MODEL - 051** This is an ideal machine for economic production and maintenance of all types of cutting tools. The machine is with following broad specifications : Longitudinal table traverse - 400mm. Cross table traverse - 250mm. Vertical adjustment of knee - 225mm. Max. length for cylindrical grinding - 220mm. Max. dia ground between centres - 250mm. Spindle speeds - 3000 and 6000 rpm. Motor - 0.8 Kw. Weight - 650 kg approx. The machine is provided with special accessories to handle a wide variety of tools.

Ref No. Org.No. Status Offer Source

1064 357 C L C  
**TOOL ROOM LATHE MODEL** The machine is ideally suited for turning tool room and other precision components. When supplied with a range of accessories it is very versatile and indispensable for any precision engineering industry. The machine is with the following broad specifications: Distance between centres - 800mm. Swing over bed - 280mm. Spindle speeds - 16 speeds (35 to 1600rpm). Motor 2 speeds - 1/1.5 HP 750 - 1500 rpm. Weight - 450 Kg approx.

1065 357 C L C  
**TOILET SOAP MAKING PLANT** It is a process of manufacturing the toilet soap cake by the small unit with the help of plant consisting of the following five machines. 1) Amalgamator, 2) Roller Mill, 3) Plodder, 4) Cake Cutter, 5) Stamping Machine. The simple operation and easy maintenance has been a special feature of these machines. The plant is capable of producing 1500 cakes of 100 grm each per shift of 8 hours. The plant is under regular production and about 300 such units have been sold so far.

1066 357 P L C  
**UNIVERSAL MILLING MACHINE MODEL 102** The machine is most useful for single and mass production of precision components. The accuracy of the machine conforms to ISI Grade 1. The machine with all its accessories is very useful for modern light engineering industry. The machine has the following broad specifications: Length and Width of table - 200 x 160mm. Longitudinal traverse - 300mm. Table swivel - 20 degrees either side. Spindle morse taper - No. 3. No of speeds - 12 (100 - 1250 rpm). Motor - 1.1 Kw.

1067 358 C K P  
**CORE OILS** Extensively used in foundry for mixing tanks capacity 10 ton per batch with stirrer heating coils. Power 10Kw. 50c/s. Projected cost Rs.2 lakhs.

Ref No. Org.No. Status Offer Source

1068 358 C K P  
**NO BAKE RESIN** It finds extensive use in foundry. stainless steel reactor with stirrer, column, condenser, vacuum pump, flame proof meter, water circulating pump, cooling tower, and thermax heating system. Investment 30 lakhs Power 100 Kw single phase 220 V.

1069 358 C K P  
**CORE AND MOULD WASHES** Extensively used in foundry. Capacity 0.5 ton per batch. Power 10 Kw. Total cost Rs. 2 Lakhs. Exothermic compound can also be manufactured capacity 200 kgs per batch. Power 5 Kw 220 volts, 50 c/s.

1070 359 C J/K P  
**IMPULSE SEALING MACHINES** Impulse Sealer sealing machines are designed for a regular production. So no maintenance, easy to operate by unskilled worker. Sealing material is placed between two jaws and the handle/paddle pressed for a few seconds to seal it completely. Sealing electrode covered by teflon/silicon tape for leakproof sealing (for liquid and metallised material only). The electronic circuit control impulse to seal the required different material by pre-setting (as per thickness).

1071 367 P L C  
**CENTRIFUGAL PUMPS** The technology involves manufacture assembly and testing of centrifugal pumps used in chemical and other process industries. The pumps are designed and built as per ISO -2858/DIN 24256 specification, and generally conform to API - 610. They have a delivery size range of 25 - 150mm, heads up to 150mm, capacity up to 150 l/s and a motor power ranging from 2.2 - 7.5 Kw. The technology is modern, easily adaptable and to have a low production cost.

Ref No. Org.No. Status Offer Source

1072 368 C K P  
**PRECISION COLD FORGING OF NUTS** The technology pertains to the precision cold forging of nuts, suitable for electrical appliances, as well as electronic, telecommunication and automotive equipment. The technology employs wire drawing machines, cold nut forming and tapping machines, lathes and drills.

1073 369 P K C  
**SEMI-AUTOMATIC TIN CONTAINER PLANT** The technology offers to set up, on a turnkey basis, semi-automatic plants for manufacturing tin cans. The technology has the full range of machinery that could meet the container requirements of various industries such as edible oil, paints, cosmetics and pharmaceuticals.

1074 370 P D P  
**CONSTRUCTION AND FABRICATIONS** Services offered are : 1. Mechanical construction and erection 2. Drilling work for ONGC 3. Fabrication of the off shore structure, project engineering management.

1075 371 P D P  
**TEXTILES, SILK AND REELING COIR** The main products are : 1. Machinery for coir industry 2. Silk industry 3. Handloom, powerloom and preparatory machines

1076 372 P D C  
**WATER METERS** The technology offers various types of water meters of size 15mm, 20mm, 25mm, 40mm and 50mm and its components.

1077 373 P D C  
**TURBINE ARCA EQUIPMENT** the product lines are : 1) Steam turbine, 2) Engineering instructional equipment, 3) Pressure reducing valves and desuperheating plant.

Ref No. Org.No. Status Offer Source

1078 374 P D C  
**SUBSTITUTION EQUIPMENT** The technology offers: 1. Material handling equipment 2. Bus-bar system for all types 3. Hydraulic unipurpose cranes

1079 375 P D P  
**ENGINEERING** Product lines : 1) M.S. tanks, 2) Concrete mixers, 3) Stainless steel stirrer, 4) Stainless steel cooling and heating coils, 5) Machine components (propellers, gears, shafts), 6) Shaft bearing housing.

1080 376 P D C  
**STEEL PRODUCT LINE** : 1) Mild steel, 2) Spring steel, 3) Stainless steel etc. of all grades.

1081 377 P E C  
**AUTOMATIC PACKAGING MACHINES** The technology offers : 1) Automatic and semi-automatic filling machines for filling all types of powders, flakes etc. 2) Various types of coding system, 3) Machines for tooth brush, shaving brush.

1082 378 P D P  
**C.I. CASTINGS** are the main product of the company.

1083 379 P D C  
**HIGH TENSILE FASTENERS** The product line : Standard high tensile fasteners. By products : 1. Eye hand slides 2. Double ended slides.

1084 380 P D P  
**GEAR BOXES AND VALVES** The product lines: Special type of gear boxes and industrial valves, submersible pumps etc.

1085 381 P D P  
**SOAP/DETERGENT MANUFACTURING EQUIPMENT** The product lines: Paint ink machinery, Soap and detergent machinery, tooth paste plants.

Ref No.	Org.No.	Status	Offer	Source	Ref No.	Org.No.	Status	Offer	Source
1086	382	P	D	P	1094	393	P	D	C
<b>TEXTILE WET PROCESSING MACHINERY</b> The product lines: Cloth shearing machine, Bleaching machine, Jet dyeing machine and Chainless mercerisers.					<b>PIPING SYSTEM</b> The technology offers fibre pipes mainly for, sewage, drainage, effluent disposal and irrigation.				
1087	384	P	D	C	1095	395	P	C	D
<b>ENGINEERING AND MINING CONSTRUCTION</b> The product lines offered : Pile foundation, Mining and Diaphragm walls.					<b>INSULATING AND ENGINEERING MATERIAL</b> The product lines: alloy steel castings, stainless steel ingots, M.S. ingots. As by products the company is producing patti, patra flats, bones, tumpets.				
1088	386	P	D	P	1096	396	P	D	P
<b>SHEET METAL MACHINERY</b> The product lines : Sheet folding machines, Sheet roll bending machines and Hydro mechanical press brakes.					<b>PLASTIC EXTRUDING AND ALLIED WORKS</b> The product lines are, plastic extruders and automatic machines for PVC cables and flexible wire drawing.				
1089	388	P	D	C	1097	397	P	D	C
<b>CONTROL SYSTEMS</b> The product lines: Centrifugal and axial blow fans, cyclone bag filters and weight scrubbers.					<b>ALUMINIUM EXTRUSION</b> The technology offers aluminium extrusion, while as by products it has billet casting, extrusion dies and extrusion machinery.				
1090	389	P	D	C	1098	398	P	D	C
<b>INDUSTRIAL PIPELINE VALVES</b> The technology involves production of industrial pipe line gate, globe, check valves and also servicing of valves and flanges and fittings.					<b>METAL HANDLING EQUIPMENT</b> The product lines : chain pulley block, electrical hoists, trolleys and cranes.				
1091	390	P	D	C	1099	399	P	D	C
<b>CRANES AND HOISTS</b> The product lines are : Cranes, Electric hoists, Gates and Hoists. These machines are used by steel plants, railways, irrigation projects etc.					<b>MECHANICAL SEALS</b> The product lines : mechanical seals for pumps, mechanical seal for reactor and autoclaves.				
1092	391	P	D	P	1100	400	P	D	C
<b>DIESEL ENGINES</b> The product includes diesel engines and pump sets which are used for pumping water for agriculture, generating power supply and concrete mixers.					<b>STEEL FOUNDRY</b> The product lines: Steel castings, castweld assembly and fabrication.				
1093	392	P	D	P	1101	401	P	D	P
<b>HAND TOOLS</b> The products include: Precision gears, steel and nylon strapping machines.					<b>VACUUM EQUIPMENT</b> The technology offers vacuum equipment wh ch are used by the industries manufacturing electric bulbs. The product line includes vacuum pumps.				
					1102	403	P	D	C
					<b>INDUSTRIAL BOILERS</b> The product lines: Industrial boilers, water treatment plants and pressure vessels.				



Ref No. Org.No. Status Offer Source

1103 404 P D C  
**MINI CEMENT PLANTS** The product lines :  
 mini cement plants 20 TPD to 200 TPD, heat  
 exchangers super phosphate and sulphuric  
 acid plants.

1104 405 P D C  
**ENGINEERING EQUIPMENT** The technology  
 offers know-how which is used for the  
 removal of moisture, blanketing, annealing,  
 brightening of steel in A.O.D. process. The  
 technology offers molecular sieves based  
 pressure/swing absorption oxygen gas  
 generators, PSA nitrogen gas generators  
 and compressed air drying units.

1105 406 P D C  
**MACHINERY** The product lines: The tile  
 factory machinery for manufacturing clay  
 based tiles, bricks and flooring. Printing  
 machines.

1106 407 P D C  
**STEAM DISTRIBUTION ENGINEERING  
 PRODUCT** The product lines: Steam  
 generation and distribution equipment,  
 process control instruments and system for  
 temperature pressure.

1107 408 P D P  
**HYDRAULIC PRESS** The technology offers  
 hydraulic press for use in plastic moulding,  
 deepdrawing for LPG cylinders.

1108 409 P D C  
**CENTRIFUGES, MIXERS AND TEXTILE  
 REELERS** The product lines: centrifuge,  
 S.S. equipment for chemical and other  
 industries, Signmia mixers and silk reeling  
 machinery.

1109 411 P D C  
**NON-FERROUS CASTING** The technology  
 offers non-ferrous casting. The quality of  
 product conforms to national standard. The  
 product line: copper alloy components.

Ref No. Org.No. Status Offer Source

1110 412 P D P  
**VAPOUR DRESSING PLANTS** The product  
 lines: vapour dressing plants, sand blasting  
 machine and cyclone separator/bag filters.

1111 413 P D C  
**POWER DRIVEN PUMPS** The product lines  
 : vertical submerged pumps, horizontal  
 centrifugal pumps and motor submersible  
 sewage pumps.

1112 414 P K/E C  
**ALUMINIUM CONTAINERS** The product  
 lines: Aluminium containers, aluminium  
 housing and industrial components.

1113 415 P D P  
**ROLLING SHUTTERS** The technology offers  
 rolling shutters which are used as doors for  
 garages, shops and other such  
 establishments.

1114 416 P D P  
**DIGIT WHEELS** The technology offers  
 products which are used by a number of  
 industrial units engaged in manufacturing  
 energy meters.

1115 417 P D C  
**SCREWS** The product lines: self tapping  
 screws, rolled wood screws, tinman rivets  
 and developing dry wall screws.

1116 418 P D C  
**MONOBLOCK PUMPSETS AND  
 MULTISTAGE SIDE CHANNEL SELF PR.  
 PUMPS** The product include laxmi  
 monoblock pumps (three phase and single  
 phase). LHP multistage side channel self  
 printing pumps.

1117 419 P K P  
**MACHINERY** The product lines: sheet metal  
 machines, hydraulic machines, briquetting  
 machines and S.P.M.

Ref No.	Org.No.	Status	Offer	Source	Ref No.	Org.No.	Status	Offer	Source
1118	420	P	D	CV	1126	429	P	D	C
<b>EQUIPMENT FOR MATERIAL HANDLING</b> The product line includes diesel platform trucks and handling trucks, battery platform and handling trucks, trailers, hydraulic floor cranes hydraulic elevating tables and stackers.					<b>INDUSTRIAL BOILERS</b> The product line: Industrial boilers and Industrial burners etc.				
1119	421	P	D	C	1127	430	P	D	C
<b>MATERIAL HANDLING EQUIPMENT</b> The product line includes overhead cranes, gear boxes, DSR, gantry trail fixing.					<b>PAPER BOARD AND BOX MACHINERY</b> The product line includes paper board and box making machinery.				
1120	422	P	D	C	1128	431	P	D	C
<b>RESISTANCE WELDING MACHINES</b> The product line includes resistance welding machines of single phase and 3 phase DC with electronic controls such as spot welders, projection welders, seam welders, butt welders, flash butt welders, electro-brazing machines.					<b>INSULATING AND ENGINEERING MATERIAL</b> The product line: Wood based laminates, glass fibre based used laminates.				
1121	424	P	D	C	1129	432	P	D	C
<b>HEAT EXCHANGERS, DRYING PLANTS AND PRESSURE VESSELS</b> The product line: Heat exchangers and pressure vessels, air drying plants cooling/heating systems, rotary vacuum and pressure leaf filters.					<b>PRESSED COMPONENTS AND ASSEMBLY</b> The product line: Light fabrication job for auto assembly, precision press components, electro mechanical relays and dies.				
1122	425	P	D	C	1130	433	P	D	C
<b>OVERHEAD TRANSMISSION LINES</b> The product line includes transmission lines and substation product, line guards, formed ties and fittings, hardware fittings, PA rods, buzz bars and line tools.					<b>PRESSURE VESSELS</b> Pressure vessels, tanks etc.				
1123	426	P	D	C	1131	434	P	E/D	C
<b>TYPESETTING MACHINE</b> The product line: Photosetting, printing, post-press and graphic reproduction.					<b>PLASTIC BUTTON PLANTS</b> The product line: Hydraulic press and plastic button plants.				
1124	427	P	D	C	1132	435	P	D	C
<b>FOUNDRY WORK</b> The product line: S > G > iron castings and malleable iron castings.					<b>ELECTRICAL STAMPING AND LAMINATION</b> The technology offer items which are used by the manufacturers of electrical motors, fans.				
1125	428	P	D	C	1133	436	P	D	C
<b>CONTAINERS</b> the product line includes marine container.					<b>LIFTING EQUIPMENT</b> The product line: Chain pulley blocks and electric wire rope hoists.				
					1134	437	P	K	C
					<b>PAPER PLANTS</b> The product line : Paper machinery, pulp machinery and machinery for paper conversion.				
					1135	438	P	D	P
					<b>ROLLING SHUTTERS</b> The product line includes rolling shutters.				

Ref No.	Org.No.	Status	Offer	Source	Ref No.	Org.No.	Status	Offer	Source
1136	440	P	D	P	1146	450	P	D	C
<b>FORGINGS</b> The product line : copper forging and brass forging.					<b>RAILWAY FITTINGS</b> The product line: Railway carriage and wagon fittings, Archies hot plates.				
1137	441	P	K	C	1147	452	P	D	C
<b>MINI CEMENT PLANTS</b> The product line: Mini cement plant and cement ball mills.					<b>HYDRAULIC MACHINE</b> The product line: Hydraulic compression tools, Hydraulic swaging machines, and Hydraulic pre-stressing machine.				
1138	442	P	D	C	1148	454	P	D	P
<b>STEEL CASTING</b> The product line: Steel, alloy steel and alloy ferrous castings, complete liner system design for ball mills.					<b>MECHANICAL SEALS</b> The product line: Mechanical seals, carbon bearings and special alloy parts.				
1139	443	P	D	C	1149	455	P	E/D	P
<b>HIGH TENSILE FASTENERS</b> The product line includes high tensile fasteners like bolts, screw and nuts.					<b>STAINLESS STEELWARE</b> The product line: Stainless steel utensils and stainless steelware.				
1140	444	P	D	C	1150	456	P	E/D	C
<b>STEEL TUBES AND PIPES</b> The product line: Precision ERW steel tubes, bicycle steel pipes and steel conduit pipes.					<b>CAST ALLOY STEEL</b> The product line: Cast alloy steel grinding media, alloy steel castings and rollable steel.				
1141	445	P	D	C	1151	457	P	D	C
<b>ELECTRICAL ACCESSORIES</b> The product line: Control panels, distribution boards and L.T. panels.					<b>PUMPS AND COMPACTORS</b> The product line: Flexible shaft driven pumps and vibratory plate compactor.				
1142	446	P	D	C	1152	458	P	K	P
<b>MACHINE TOOLS</b> The product line: Power hacksaw and drilling machine, deep-well hand pump, steel and wooden furniture etc.					<b>CHILLED ROLLS</b> The product line: Chemical pumps, chilled rolls and special steel castings.				
1143	447	P	E	C	1153	462			C
<b>FUEL OIL HANDLING SYSTEMS</b> The product line: Fuel oil handling system, comprehensive electrical systems up to 400 Kv, fabrication and erection of aluminium and specialised alloys.					<b>ELECTRICAL FITTINGS</b> The various products offered are electrical fittings for residential and industrial buildings. The product line consists of: Switch fuse units, Distribution boards, panel boards and fabrication of various ferrous materials used in electrical wiring.				
1144	448			C					
<b>BAG PRINTING MACHINE</b> The product line: Bag printing machine - jute and HDPE woven bags, corrugated board printing machine, paper gum tape manufacturing machine.									
1145	449	P	D	C					
<b>PHOTOCOPIERS, WATER COOLERS, AIR CONDITIONERS</b>									

Ref No. Org.No. Status Offer Source

1154 463 P D P  
**SWITCHES** The product includes various type of switches modern electrical appliances and control switch. The products line consists for electrical appliances and LT control switches.

1155 464 P J/E P  
**CABLES** The product line include: House wiring cable, power cables, armoured/unarmoured cables, auto cables, flexible wire, submersible cable etc. PVC compound for all kind of cables.

1156 465 P K C  
**SWITCHES** The main product include switch gear used in underground and open cast mines, thermal, atomic, hydel power stations, steel, cement, aluminium and similar other industries. The product line include: Vacuum circuit breakers up to 12 Kv, and vacuum contactors up to 7.2 KV. Starters (HT and LT), ELP HT and LT switching gear, mine communication and safety control equipment system.

1157 466 P D C  
**CONDUCTORS** The product line include: All aluminium conductors and aluminium conductors steel reinforced.

1158 467 P D C  
**ELECTRIC MOTORS AND ULTRASONIC REPELLER** The main products manufactured are electric motors and electronic ultrasonic rodent repellents, automatic protection device for pumpsets, the product line includes: electric motors, pumping sets, ultrasonic rodent repellents and automatic protection devices for pumpsets.

1159 468 P D C  
**INSULATORS AND LAMPS** The main product line includes: A.D. cells, plastic insulators, lamps, these are used by the railways for signalling.

Ref No. Org.No. Status Offer Source

1160 469 P D C  
**NAVIGATION LIGHTS AND SIGNALLING** The main product line includes: Navigation lights, air whistles and search light signalling projectors. These are mainly used by railways and shipping companies.

1161 470 P D P  
**IRONS AND IMMERSION HEATERS** The main product line include: Auto/Non-auto electric irons, immersion heaters, electronic gas lighters. These items are used for household use.

1162 471 P D P  
**CLIP ON TYPE TERMINAL STATIONS** The production range includes: Standard clip on type terminal stations CTS 2-5 (Mini), CTS 2.5, CTS 6, CTS 10 and CTS 35. Stud type terminal station CSTSB4, operated by screwdriver, stud type terminal stations CSTS N4, CSTS N5 operated by nut driver, clip on type lug/lug connection CTS 44L, CTS 70C, disconnecting and testing type terminal stations CDTTS.

1163 472 P D C  
**POWER SUPPLIES** The main product line includes: Standby power supply, voltage stabilisers and electronic display advertisement etc.

1164 473 P D P  
**LUMINAIRES** The main product includes: Electrical lighting fittings suitable for GLS/fluorescent tube/1PMV/LPSV/metal Halido/tungsten/halogen/mercury blended lamps. Ballasts, lamp holders, starters capacitors.

1165 474 P D P  
**PRECISION COMPONENTS** The main product includes precision components required by the engineering industries.

Ref No. Org.No. Status Offer Source

1166 475 P D C  
**TRANSFORMERS** The main product line includes: Power and distribution transformers, pressed steel radiators, lamination and stampings, epoxy bushings and toroidal cores.

1167 478 P D C  
**SWITCH GEAR** The main product includes: Switchgears, control panels and busducts MCC switch boards.

1168 479 P D P  
**BAKELITE PRODUCTS** The bakelite products are used in electrical installation for terminal boards, bobbins etc.

1169 480 P D C  
**SWITCHGEAR** used to control/power panel of electrical circuits. The main products include: Standard terminals, stud type and testing terminals, PCB terminals and special application switches.

1170 482 P D C  
**INDUCTION HEATING EQUIPMENT** The product line includes: Medium and high frequency heating equipment, induction hardening equipment, induction billet heaters, induction melting furnace, medium and high frequency solid state generators and honing machines.

1171 483 P D C  
**ELECTRONIC EQUIPMENT** The main product line includes: Process control instrumentation, weighing systems and civil engineering instrumentation.

1172 484 P D C  
**INDUCTION HEATING EQUIPMENT** The main product includes: Industrial furnaces (oil fired/electrical), recuperators, combustion equipment (Econ fuel burners, blowers, heating and pumping units). These systems are fuel efficient furnaces. Assistance in installation will be provided.

Ref No. Org.No. Status Offer Source

1173 485 P D C  
**TRANSFORMERS** The products offered are transformer radiators which are used for dissipation of heat in power and distribution transformers.

1174 486 P K/E C  
**HI - TORQUE RESILIENT COUPLINGS** The hi-torque resilient couplings are used in power transmission systems of any drive and driven mechanism between drive and driven machines.

1175 487 P D P  
**HEAT EXCHANGERS** The product line includes: Industrial coolers, heat exchangers, cooling systems, ventilation and pollution control systems. These products are used in electrical locomotive and general industries.

1176 488 P D C  
**HEAT EQUIPMENTS** The product line includes: Thermal components, seats and sockets. These products are used by industrial units like electronic switch makers or pressure cooker makers.

1177 490 P D P  
**TRANSFORMERS** The product manufactured are transformers which are used by power generating units for distribution of electrical energy.

1178 491 P D C  
**ELECTRICAL ENERGY METERS** The product line includes: Single phase meters, three phase meters, maximum demand meters and peak hour energy meters. These are used in measuring electricity consumption during peak hours and are used by electricity boards.

Ref No. Org.No. Status Offer Source

1179 432 P D C  
**ELECTRONIC EQUIPMENT** The product line includes: Electronic capacitors and metallised plastic films. These component are used in electronics industries engaged in manufacturing metallised films, generally used in capacitors and condensers.

1180 493 p d p  
**TRANSFORMERS** The product line includes: Kit Kat fuse units, switchgear and precision moulded components.

1181 494 P D P  
**WEIGHING SYSTEM** The sophisticated micro processor based weighing system is used for weighing in the steel industry and cement industry.

1182 495 P D P  
**ELECTRICAL APPLIANCES** The product includes: Power and distribution transformers, wires, steel fabricated radiators and laminators.

1183 496 P D P  
**LIGHTING** The product line includes: Industrial lighting, domestic lighting, commercial lighting, decorative lighting, street lighting luminaires suitable for fluorescent, high pressure mercury vapour, both low and high pressure vapour and also halogen lamps. These products are used by Government departments, railways, military engineering services, Municipal bodies, factories, offices and other various institutions.

1184 497 P D C  
**HEAT EXCHANGERS** The product line includes air conditioners, generator sets and alternators.

1185 498 P D C  
**TRANSFORMERS** The product line includes: Power and distribution transformers up to 5 MVA 33 KV Class. AC/DC welding set up to 600 Amps and other special purpose transformers.

Ref No. Org.No. Status Offer Source

1186 500 P D P  
**HEAT EQUIPMENTS** The product line includes furnaces, ovens, control panels and custom built heating equipment. These products are used by chemical factories, engineering industries and ordnance factories.

1187 501 P D P  
**ELECTROPLATING** The product line includes electroplating and heat treatment. These products are used by the engineering industries.

1188 502 P D P  
**PRECISION COMPONENTS** The product line includes temperature controllers, indicators, transducers, process valves sensors and convertors and data loggers. These products are used for tool making.

1189 503 P D C  
**LAMPS** The product line includes halogen lamps, copier lamps and infrared lamps. These lamps are used for floodlighting, studio projector, copier and infrared lamps.

1190 504 P D C  
**ELECTRICAL APPLIANCES** The product line includes automatic voltage stabilizer, automatic voltage regulator, water purifier (OZONATOR), all types of battery chargers and relief map farming.

1191 505 P D P  
**CAPACITORS** The product line includes power capacitors, puise capacitors, energy storage capacitors and special types of capacitor.

1192 506 P D C  
**PRINTED CIRCUIT BOARDS** The product range includes single sided, double sided, plated through hole. Multilayer printed circuit boards. Hybrid thick film integrated circuit boards.

Ref No.	Org.No.	Status	Offer	Source
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1193	507	P	D	C
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**MAGNETS** The product lines includes cast alloy permanent magnets, ferrite magnets and magnetic systems. These magnets are used in meters, telephones and speakers.

1194	508	P	D	C
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**ELECTROPLATING** The product line includes automatic hydraulic flush valves, machining foundry services and electro plating of all types.

1195	509	P	D	C
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**SWITCHGEAR** The product line includes switchboards, control panels, distribution boards and busducts cable trays. These products are used by electrical generating industries, electricity boards for power stations, motor control and supporting cables in electrical installations.

1196	510	P	D	C
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**FLAMEPROOF SWITCHGEAR** The product line includes industrial switchgear and flameproof mining switchgear up to 6.6 KV and 11KV. Flameproof air circuit breakers up to 550 volts. Ring main and switch units from 3.3 Kv to 11 Kv. These products are used in manufacturing items for electrical power distribution.

1197	511	P	D	C
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**ELECTROPLATING** The product lines includes manual arc welding electrodes, mild steel electrode for radiographic welding, mild steel electrode for recovery type, mild steel electrode for basic low hydrogen, mild steel Rutile electrode for hard surface and stainless steel electrode staight 19/9 ELC.

1198	512	P	D	P
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**GEAR BOXES, INJECTION PUMPS AND PNEUMATIC VALVES** The product line includes reduction gear boxes, machine aluminium castings (switch gear parts), mucycylinder injection pump parts, hydraulic and pneumatic valves.

Ref No.	Org.No.	Status	Offer	Source
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1199	514	P	D	C
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**CABLES**. The product includes transmission line hardwares which are used by electricity boards and power generation units.

1200	515	P	D	C
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**BULBS** The product line includes miniature electric bulbs, including bulbs for automobiles, miners cap lamp bulbs, and special bulbs.

1201	516	P	D	C
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**SWITCHGEAR** The product line includes switchgear LT/HT, motor control gear, circuit breakers, static protective relay, motor starters and switches. These switches are used by electricity boards and other industries manufacturing electrical controls.

1202	517	P	D	P
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**TRANSFORMERS** The product line includes transformers, radiators and transformer tanks which are used in the manufacture of domestic power transformers.

1203	518	P	D	P
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**TRANSFORMERS AND BATTERY CHARGERS** The product line includes transformers, battery chargers, tool market (electronic) and SMPS.

1204	519	P	D	P
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**TRANSFORMER AND COILS** The product line includes distribution transformers, control and panel transformers, H.V. and L.V. coils.

1205	522	P	D	C
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**TRANSFORMERS** The product line includes oil filled transformers, cast resin dry type transformers, motors for hermetic sealed application, standard motors. These are used in transmission and distribution of electricity, air conditioners, refrigerators and standard motors.

Ref No.	Org.No.	Status	Offer	Source	Ref No.	Org.No.	Status	Offer	Source
1206	524	P	D	C	1213	560	P	D	P
<b>LIGHTING</b> The product line includes lighted beacons; gas/electric operated, lighted buoys; gas/electric operated, air hazardous lights and airport location beacons. These lights are used for manufacturing navigational lights for ships and aircraft.					<b>CASTINGS</b> The product line includes, ferrous and non-ferrous castings, machine tool spares, foundry equipment, fabrication, special purpose machines and foundry equipment.				
1207	548			C	1214	561	P	D	C
<b>PACKING MATERIALS</b> The HDPE woven fabric sacks and tarpaulins are used for cement and fertilizer industries for packing.					<b>DIE CAST</b> The product line includes turned components of various sizes as per specification of the customer.				
1208	553	P	D	C	1215	562			C
<b>POWER PRESS</b> The product line includes mechanical power press, hydraulic press brakes, hydraulic and chemical shears and briquetting press for cellulosic waste.					<b>MACHINE TOOLS</b> The product line includes, lapping machines, belt grinding machines, chucks hand operated and power operated, pneumatic and hydraulic cylinders, surface plates cast iron and granite.				
1209	554	P	D	C	1216	563	P	D	C
<b>GEARS</b> The product line includes various types of industrial gears, worms and helical gear boxes. Machine tools, lathes, drills, milling, shaping, hacksaw machines.					<b>MACHINE TOOLS</b> The product line includes, special purpose machines, machine tools accessories and attachments, jigs and fixtures, machine assemblies and sub-assemblies, special gauges, special machine components and fabrications.				
1210	555	P	D	P	1217	564	P	D	P
<b>HEAT EQUIPMENTS</b> The product line includes high pressure valve components, boiler components and under carriage items for earth moving equipment.					<b>MACHINE TOOLS</b> The product machine tools and accessories for export.				
1211	556	P	D	C	1218	565	P	D	C
<b>CUTTING TOOLS</b> The carbide tipped tools are used in various types of machines for cutting purposes. The products include brazed carbide cutting tools single point, multi-point and profile form.					<b>WOOD SCREWS</b> The product line includes wood screws and precision rivets.				
1212	559	P	D	C	1219	566	P	D	C
<b>CUTTING TOOLS</b> The product line includes H.S.S. threading taps, H.S.S. cutting tools and circular thread rolling dies. These tools are used for cutting internal threads in metal working industries.					<b>MACHINE TOOLS</b> The product line includes electric discharge machines, CNC lathes and milling machines, crankshaft super finishing machine and AC variable speed device.				
					1220	567	P	D	C
					<b>MACHINE TOOLS</b> The product line includes high precision cylindrical grinding machines, CNC and non CNC, special purpose machines and centreless grinding machines.				



Ref No.	Org.No.	Status	Offer	Source
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1221	568	P	D	C
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**MACHINE TOOLS** The product line includes hand tools, cutting tools and measuring instruments.

1222	569	P	D	P
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**PRECISION COMPONENTS** The product line includes surface plates, bench centres, box angle plates, master cylinders, steel parallels, straight edges, CI tubes, lapping plates and comparator stands.

1223	570	P	D	C
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**MACHINE TOOLS** The product line includes special purpose machine for multi-drilling, milling and tapping including boring.

1224	633	C	D	C
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**HIGH VOLTAGE ISOLATORS** Party is interested in manufacture of isolators used in electrical industries. In addition party wants to develop electrical domestic appliances like fan, water heater, vacuum cleaner etc.

1225	643	P	L/T/D	P
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**USER FRIENDLY MODULAR ULTRASONIC GENERATOR AND TRANSDUCER SYSTEM** for original equipment manufacture (OEM) industrial cleaning and processing application. This advanced system is intended for manufacturing companies that wish to acquire their own independent ultrasonic capability to penetrate the solvent (CFC) replacement market, in response to the 1987 Montreal protocol. This new system (comprises modules in the 1000 - 2500 watt range) is unique in being tailored to the OEM market and requiring neither specialised electronic equipment or (ultrasonic) qualified personnel for implementation.

Ref No.	Org.No.	Status	Offer	Source
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1226	643	W	L/J	P
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**AIR MOTOR** A company has developed a working prototype air motor with a swept volume of some 2000 cc with the potential for use as a compressor pump, air or hydraulic motor or an internal combustion engine. The design requirements are easily met by conventional machine tools.

1227	643	W	L/J/D	C
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**CONVEYOR DEVELOPED FOR MOVING HAZARDOUS SUBSTANCES** Can be adapted to a range of applications - retail displays, childrens' games and industrial handling. The conveyor has few moving parts, controlled movement can be achieved by vibrating the surface in an appropriate manner. It is gentle and can move delicate parts without damaging them. It can also handle objects weighing several kilogrammes. Buffer systems can receive parts, store them and feed them out in a single file.

1228	643	W	L/S/J	C
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**METHOD OF HEATING SPACES IN BUILDINGS BY USING A DOOR WITH UNIQUE FEATURES** Benefits: cheaper to instal than existing systems. Frees up wall space, reduces floor draughts. Introduces fresh air. Possible health benefits: relief for rheumatism sufferers. Reduces drowsiness. Promotes an atmosphere that is not favoured by house mite, and so should aid sufferers with respiratory problems. Can be automatically controlled and running cost is in the lower quartile. Existing doors are simply replaced and connected to the mains. Electrics are 220/240v or to specification. Subject to patent application.

Ref No. Org.No. Status Offer Source

1229 644 P J C

**LAND RECLAMATION SYSTEM** A simple, affordable and effective system for the reclamation of eroded or infertile agricultural or forest land. The system comprises boxes containing an enhanced growing medium, optimised for a given site, laid in pre-set patterns utilising simple mechanical trenching tools. The system employs local plant types and is configured to ensure silt and rainwater collection and retention to encourage and assist secondary vegetation growth.

1230 644 C L/J/D C

**SURFACE MAINTENANCE SYSTEMS AND SOLUTIONS TO THE CONSTRUCTION AND MARITIME INDUSTRIES** It specialises in bituminous and resin based surfacings, anti-skid, waterproofing systems, industrial flooring, concrete repairs and protection. The systems are widely used in factory floors, hospitals, airports, food handling areas, car parks, footpaths, bridges etc.

1231 647 C L/J C

**MULTI SPINDLE DRILLING MACHINE AND DRILL HEADS** It is used for manufacturing metal parts that need holes. Solution. Buckeye multi spindle drilling machines or lowcost drill heads that convert single spindle drilling machine to multi spindle drilling machine. This will eliminate high cost of drilling one hole at a time and can cut manufacturing cost down to minimum and quality will improve. Our proven technology is based on standard units.

1232 647 C J/K C

**Zn/C - CARBON BATTERIES IN D, C AND AA SIZE** Simple semi-automatic and automatic machines from 60 cells a minute to 300 cells a minute in indexing and rotary construction. Complete technology is available on turn-key basis. Plant is low cost, easy to operate and maintain, best suited for developing countries. Available are D(R-20), C(R-14) and AA(R-6) sizes.

Ref No. Org.No. Status Offer Source

1233 648 C D C

**HAIR SHAMPOO** Modern shampoo is designed to provide sufficient cleansing power, together with adequate foam, to remove soil from the hair and scalp without seriously reducing the natural oiliness so that the hair is left with a natural gloss. Various types of shampoos like liquid, protein, clear viscous, dry hair, general purpose and anti-dandruff and pearly shampoo have been developed.

1234 648 C D G

**INSTANT SHOE SHINERS** comes in two forms - liquid and shining materials absorbed into a foam backed by a support. A shining material has been developed suitable for the latter type. This is easy to handle and is free from leakage and spoiling of hands during usage. The product when absorbed into the foam gives the property of instant shining. The process does not affect the environment.

1235 648 C D C

**VANISHING CREAM** can be considered to be an emulsion of free fatty acid in a non-alkaline medium. This cream is so called because it disappears when rubbed into the skin. The cream leaves a dry but tacky residual film which also has a drying effect on the skin. It is for this reason that vanishing creams find favour for use with greasy skin conditions and particularly in hot climates which cause perspiration on the face. The process does not involve any pollution hazard.

1236 648 C D G

**SKETCH PEN INKS** Twelve different shades of sketch pen inks have been developed. These inks are stable in storage and brilliant in colour. The inks can be prepared on small scale industrial set-up. The chemicals and dyes required for making these inks are available indigenously. The process for the preparation does not effect the environment.

Ref No. Org.No. Status Offer Source

1237 648 C D G  
**DETERGENT TO CLEAN OILY PLASTIC FILMS** During the recycling of waste plastic films, oiled plastic films cannot be cleaned by general purpose detergents. To solve this problem, a special detergent has been developed. It is based on indigenously available ingredients and functions very effectively in the cleaning of oily plastic films. Machinery/set up required is inexpensive and the process does not involve any pollution hazard.

1238 648 C D C  
**QUICK DIP SILVER CLEANER** Silver cutlery and hollow wares, jewellery/ornaments, table wares, utensils etc. get tarnished with time and lose their silvery aesthetic look. A quick dip silver cleaner formulation has been developed. The formulation has a quick action and is very simple to use. The tarnished article is just dipped into the solution, rinsed thoroughly with water and wiped with a soft cloth. It leaves no yellow tinge, scratches or stains etc. The preparation process is pollution free.

1239 648 C D G  
**REMOISTENABLE GUM** a starch based remoistenable adhesive has been developed, suitable for use for paper adhesive and tapes where it replaces partially or wholly a costly product i.e. animal glue. It can also be used on postage stamps, and envelopes etc. The process of either making it or using it does not cause any pollution.

Ref No. Org.No. Status Offer Source

1240 648 C D C  
**POLYVINYL ACETATE EMULSION** is a most common adhesive for wood and is produced by emulsion polymerisation of vinyl monomer. The PVAc emulsions available in the market are actually formulations derived from pure polyvinyl acetate emulsion to meet requirements of specific end application cost considerations. Though a number of parties are currently manufacturing PVAc emulsions in the country its demand is growing continuously. The manufacturing process is environmentally friendly.

1241 648 C D C  
**REDUCING AGENT FOR SILVERING OF VACUUM FLASKS** has been developed and its performance evaluated at a reputed vacuum glass company. The efficiency of the developed product matches very well with that of the market sample. The product also shows a considerable advantage in cost over the market product. All the raw materials are indigenously available. The process does not include any pollution hazard.

1242 648 C D G  
**SINGLE COMPONENT HAIR DYE** Most of the presently available hair dyes are two pack systems which have many inherent drawbacks. They generally promote additional grey hair and their application is also very cumbersome. A single pack water soluble powder hair dye has been developed which does not require additional oxidising agents or any other hair preparation before and after the application of dye. In most cases it is safe to use excepting where skin allergy is experienced.

Ref No. Org.No. Status Offer Source

1243 648 C D C  
**REHEAT HEAT PACK** A reuseable heat pack that can provide instant heat lasting two hours has been developed. The pack offers safe continuous heat anywhere desired. The unit is non-toxic, non-electric and not a fuel burning system. The reheater is a pouch of chemicals which warms to approximately 65 degreesC celcius within 15 secs. of triggering. The reheater can be repeatedly reactivated by placing in boiling water. It finds applications in skiing, camping, hunting and fishing.

1244 648 C D C  
**HAIR CREAM** is an oil-in-water emulsion which has the advantage of being miscible with water and can be easily distributed throughout the hair with the help of a wet comb. This can be prepared with a low proportion of oil and on this account is preferred to the more greasy water-in-oil type emulsion. The product is a cost effective, non-toxic formulation made from indigenous raw materials.

1245 648 C D G  
**HOT MELT STRIPPABLE COATING** SRI has developed a formulation for making hot melt strippable coating. The object to be coated is dipped in the hot melt composition leaving a strippable coating, and transparent coating on the object. This coating protects the object against corrosion, damage by striking against each other etc. and is generally used for fine and sharp edged tools. The process does not cause pollution.

Ref No. Org.No. Status Offer Source

1246 648 C D G  
**SEBACIC ACID** is one of the main industrial chemicals produced from Castor Oil through alkaline degradation process. It finds applications in the manufacture of polyesters, polyamides, non-toxic plasticizers and lubricants for aircraft engines. The product is better than that available in the market. 2-Octanol, the by-product of the process, is also an industrially useful product. The raw materials for the process are abundantly available in India. The process involves no pollution hazards.

1247 648 C D C  
**SPECIALITY PENCIL ERASERS** The erasing quality of the indigenously manufactured pencil erasers is not up to the mark and they harden with the passage of time. A speciality pencil eraser, mostly based on indigenous raw materials has been developed, which has good erasing quality and compares well with the imported eraser. The process is pollution free and requires simple processing techniques like milling and compression moulding.

1248 648 C D G  
**HAIR REMOVER WAX** Among the various means of the cosmetic removal of hair from human skin, hair remover waxes are very popular because of their minimal side effects. These waxes are developed from indigenous raw materials, and are used for removing short length hair from hands and legs. The developed wax is of superior quality and the manufacturing process is simple, short and pollution free.

Ref No.	Org.No.	Status	Offer	Source
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1249	648	C	D	C
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**MOSQUITO REPELLANT MATS** Among the various available devices to repel mosquitoes, mosquito repellent mats are getting more popular. In this device the chemical repellent absorbed on a cellulosic substrate (mat) is released in a controlled way by placing it at a slightly elevated temperature. Formulations which are as effective as imported ones have been developed. The air pollutants evolved during the manufacturing process can be controlled effectively.

1250	648	C	D	G
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**SOLID GUM STICK** used for the adhesion of paper. The gum stick has a lipstick type casing and can be rubbed on the paper smoothly to effect permanent bonding. It does not require a separate applicator and has a lower drying time in comparison to conventional liquid gums. It is very popular among executives and school children as it is very convenient to carry and apply without any spillage problems. Non-toxicity of its ingredients ensures its safe use.

1251	648	C	D	C
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**POWDERING OF NITRILE RUBBERS** Nitrile rubber is indigenously available in slabs and not in the powder form. Since its compounding requires it in the powdered form, a number of PVC compounders are facing problems. A process for powdering nitrile rubber available in slab form has been developed. The powdering process is very simple and requires no major capital investment. The process does not pose any pollution problem.

Ref No.	Org.No.	Status	Offer	Source
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1252	648	C	D	G
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**FLY ATTRACTANT ADHESIVE TAPES** One of the most common methods to control houseflies consists of sticky tapes. A tape containing attractants and adhesives has been developed. For use the tape is suspended at a place of maximum fly nuisance. It functions by attracting the flies and the flies that come in contact stick to the tape and cannot fly anymore. The process does not pose any pollution problem.

1253	648	C	D	G
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**TERRY TOWELS** are made from highly absorbent cotton materials and normally comprise a base fabric and a pile of tufted materials. However, such cotton towels have low tensile strength, tear strength and abrasion resistance both dry and wet resulting in shorter life span. A process to manufacture terry towels from different materials of construction, which show considerable enhancement in mechanical properties with same moisture absorption properties has been developed.

1254	648	C	D	G
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**IRON - ON FABRIC ADHESIVE** The hot melt adhesive can be used for lamination of textiles such as fixing of stickers on garments and lamination of two cloths together which can be later cut to shapes like cuffs and collars. Lamination is possible merely with the help of a hot iron. These laminated fabrics are washable. The raw materials used are indigenously available and no pollution problems are involved in the preparation and use of the product.

Ref.No. Org.No. Status Offer Source

1255 648 P L C  
**LIQUID DETERGENTS** Three different grades of liquid detergents have been developed based on indigenously available ingredients. The first grade has high active content, the second has high solid content and the third grade is general purpose for domestic use. High active content grade detergent is generally used when a large quantity of dirt is to be moved. High solid content grade a detergent is generally used for hand washing purposes. The technology is simple without expensive machinery and any pollution hazard.

1256 648 C D G  
**IMPROVED WATER PROOF PLYWOOD** Plywood is supposed to be waterproof but in actual practice only the bond is waterproof. Such plywoods change dimensions on exposure to humid atmospheres. An improved waterproof process which first renders the wood waterproof by polymer impregnation, has been developed. The water proofed wood is processed conventionally. The improved plywood can also be rendered termite proof by use of additives during polymer impregnation.

1257 648 C D G  
**PRESSURE SENSITIVE ADHESIVES** are produced both in solutions as well as in emulsion forms for the production of stickers and similar materials. While in the case of solutions one can obtain maximum adhesive strength for a given polymeric material concentration, they pose no fire and air pollution problems. The emulsions on the other hand have relatively reduced adhesive power due to the presence of emulsifiers etc. but are relatively safe from both hazards of fire and environmental pollution.

Ref.No. Org.No. Status Offer Source

1258 648 C D C  
**FUSIBLE LINING MATERIAL (STIFF FABRIC BUKRAM)** Stiff fabrics are used as reinforcements in clothing. Presently available reinforcements either lose stiffness on washing or cause excessive wear at the edges of the fabrics. This development can yield fabrics of varying stiffness. The fabrics are washable and expected to increase the life of the fabric at collars, cuffs etc. The process is simple, cheap and can be carried out in a continuous manner. The process is environmentally friendly.

1259 648 C D C  
**LIQUID SHOE POLISH** Mostly shoe polishes are in paste form, which is applied with the help of a brush and it also needs buffing afterwards to get a shine. During the process the place became messy and it also leaves stains on the hands. A liquid shoe polish has been developed which solves the problem as it is applied with the help of an applicator and there is no need for buffing. It is based on indigenously available ingredients and manufacturing process is pollution free.

1260 648 C D G  
**SPOTLESS GLASS CLEANER** based on non-toxic and indigenously available low boiling solvents and surfactants. By using spotless glass cleaner, glass tumblers and other glasswares can shine without wiping. The technology is simple and does not have any pollution hazard.

Ref No. Org.No. Status Offer Source

1261 648 C D C  
**CYCLISED RUBBER** Cyclised rubber is a modified form of natural rubber or synthetic rubber. This has been developed to be used as a photoresistant material for developing printed circuit diagrams in PCB's. According to an evaluation carried out at a Japanese laboratory, the product has been found to be equivalent to the imported one. Its areas of applications include adhesive varnishes, quick drying lacquers for electricals, coating of sports articles and lining of reaction vessels. The process is based on indigenous raw materials.

1262 648 C D C  
**GLASS AND HOUSEHOLD CLEANER** based on non-toxic indigenously available raw materials. It is a water based detergent formulation useful in cleaning of glossy surfaces like glass panes, furniture and plastic equipments. They effectively clean the smooth surfaces when rubbed with a cloth wetted with it and leave a shiny look. No pollution hazard exists in the manufacture of this cleaner. Machinery required is inexpensive.

1263 648 C D G  
**CARBOXY METHYL STARCH (CMS)** It is a versatile water soluble polymer finding use as thickener for textiles, anti-soiling agent for textile detergents, in oil drilling etc. Both solventless and solvent processes have been developed which are based on indigenous raw materials. The process works successfully on different types of starches like maize starch, tapioca starch etc. The process does not involve any pollution problem.

Ref No. Org.No. Status Offer Source

1264 648 C D C  
**FIRE RESISTANT FORMULATION FOR WOOD** Fire resistant coatings for wooden structures. These coatings can be applied to any type of wood, plywood, teak wood, particle board etc. and do not allow the fire to spread along the surface. The formulation was successfully applied to the permanent Indian station at Antarctica. All raw materials are indigenously available. The process does not involve any pollution hazard.

1265 648 C D G  
**AIR DRYING INSULATING VARNISH** The product developed is a fast drying varnish having slight yellowish colour. It has good heat performance and insulation properties in comparison to conventional varnishes. It also shows advantages in adhesion properties. It is used for coating electrical components like coils and radio parts and as weather and moisture resistant coatings. It is prepared from indigenously available raw materials through a pollution free process.

1266 648 C D G  
**COLD WATER SOLUBLE STARCH** It has developed process know-how for the manufacture of cold water soluble laundry starch. Cold water soluble starch is generally preferred since it does not involve the cumbersome process of boiling and cooling before application. The SRI product has many advantages over the market sample as it dissolves faster and does not form lumps in water. The product is non-toxic.

1267 648 C D C  
**SMOKELESS, DRIPLESS, PERFUMED AND COLOURED CANDLES** These candles are prepared by special method so that they will not produce smoke or dripping molten wax during burning. They are perfumed and coloured for added aesthetic value. All the raw materials involved are indigenously available and the process does not have any pollution hazard.

Ref.No. Org.No. Status Offer Source

1268 650 C K/T R  
**GLASS AND CERAMIC TECHNOLOGY** for the setting up of small and medium size production plants for glass bottles, table wares, micro slides, tubing, bulb shells, lenses, mirrors, frits, bangles, toughened and laminated, safety glass etc. Offered on a turn-key basis including training in India. Production plants for ceramic wares, porcelains, fine china, refractories, insulation, insulators, tiles, sanitary wares, porcelains etc.

1269 657 C L C  
**MANUFACTURE AND ASSEMBLY OF CNC TURNING CENTRES** Advantages: super rigid machine bed and base construction, powerful spindle and servo drives, most accurate spindle bearings and ball screws, double supported ball screw, completely enclosed covers, safety window glass on front door, safety devices (door interlock, hydraulic pressure switch). Annual production capacity: 1,200 units/year.

1270 657 C L C  
**MANUFACTURE AND ASSEMBLY OF VERTICAL MACHINING CENTRE** Various models with table sizes ranging from 630 x 450 mm to 1,800 x 800 mm. Annual production capacity: 500 units/year.

1271 657 C L C  
**MANUFACTURE AND ASSEMBLY OF HORIZONTAL MACHINING CENTRE** Various models with table pallet sizes ranging from 500 x 500 mm to 1,000 x 1,000 mm. Annual production capacity: 500 units/year.

Ref.No. Org.No. Status Offer Source

1272 657 C L C  
**MANUFACTURE AND ASSEMBLY OF INDUSTRIAL SEWING MACHINES** Lock stitch sewing machine for ultra heavy weight materials; automatic thread trimmer for ultra heavy weight materials; high speed lock stitch sewing machine; automatic thread trimmer. Needle feed lock stitch sewing machine; automatic thread trimmer; vertical edge trimmer; automatic thread trimmer and vertical edge trimmer. High speed, single needle lock stitch sewing machine with edge trimmer and notcher. High speed, chain stitch button sewing machine with thread trimmer. High speed, needle feed lock stitch sewing machine.

1273 658 C K C  
**DEMINERALIZATION BY PACKED BED REGENERATION** Product demineralized water using the packed bed regeneration method. This method is different from other regeneration methods using water or air, therefore it makes less waste water producing the best water quality. Advantages: minimize waste water, reduce chemical and water consumption, simple internals and easy maintenance, simple operation. Application: demineralized water and condensate treatment for power plant, demineralized water for chemical and petrochemical industry, boiler water.

1274 660 J/K C  
**BALLASTIC HELMET AND FRP CHAIR**



- | Ref No.   | Org.No. | Status | Offer | Source | Ref No.   | Org.No. | Status | Offer | Source |
|---|---------|--------|-------|--------|---|---------|--------|-------|--------|
| 1275  | 661     | C      | L/J/K | C      | 1279  | 663     | C      | J/D   | C      |
| <b>CEMENT PLANT</b> Total engineering service: site survey, feasibility study, plant engineering, erection and supervision, commissioning service and start-up operation, guarantee test. Technical assistance and process development: cement process diagnosis, factory automation, process improvement. Advantages: optimum system application for energy saving, quality control and assurance, technical service for operation and maintenance. Application: cement plant, remicon, ferrites magnets, fine ceramics, ALC (auto claved lightweight concrete). |         |        |       |        | <b>VARIOUS RESIN FOR PAINT</b> Base resin for paint, manufacturing technology and its application, production know-how. Advantages: stabilized process, excellent characteristics of the resin, cost down know-how. Application: resin for wood coating, can coating, metal coating, alkyd, polyester, polyurethane, acrylic and amino resin etc. Annual production capacity: 15,000 ton. Project cost: 500,000\$.  |         |        |       |        |
| 1276  | 662     | C      | K     | C      | 1280  | 663     | C      | L/J   | C      |
| <b>CONDOM MANUFACTURING PLANT</b> Equipment: compounding machine, pre-ageing tank, dipping machine, vulcanizer, inspection machine, packaging machine. Advantages: semi automatic machine, manpower requirement reduced, mass production system: 7,200,000/month. Annual production capacity: 86,400,000 pieces/year. Project cost: 1,500,000\$.  |         |        |       |        | <b>TECHNOLOGY FOR CASHEW RESIN AND PAINT</b> Manufacturing technology of resin and paint made with cashew nut shell liquid (LNSL) and production facilities. Advantages: highest quality like traditional wood coating as 'ot-chil', excellent durability. Application: high quality furniture and wooden home appliance. Project cost: 300,000\$.  |         |        |       |        |
| 1277  | 662     | C      | K     | C      | 1281  | 665     | C      | L/K   | C      |
| <b>RUBBER AND SURGICAL GLOVE MANUFACTURING PLANT</b> Equipment: compounding machine, pre-ageing tank, dipping machine, vulcanizer, inspection machine, packaging machine. Advantages: semi automatic machine, manpower requirement reduced, mass production system: 700,000 prs/month. Annual production capacity: 8,400,000 prs/year.  |         |        |       |        | <b>COSMETICS MANUFACTURING TECHNOLOGY</b> Skin care products, (cream, lotion, skin lotion), make up products, (lipstick, nail lacquer), hair care products, (shampoo, hair rinse). Annual production capacity: skin care: 160 mt/year, make up: 40 mt/year, hair care: 1,700 mt/year.   |         |        |       |        |
| 1278  | 663     | C      | J/D   | C      | 1282  | 666     | P      | L     | P      |
| <b>MANUFACTURING TECHNOLOGY FOR WOOD COATING</b> Advantages: good quality, technical know-how from 20 years' experience. Application: coating for furniture, musical instrument, other coating for wooden substrate. Annual production capacity: 2,000 ton/year. Project cost: 400,000\$. Equipment/machinery (FOB): 50,000\$. Operational cost for one year: 350,000\$.  |         |        |       |        | <b>METHOD FOR THE TREATMENT OF DENTAL DISEASE</b> A composition and method of use for the treatment of pain and inflammation associated with dental disease is disclosed. The composition comprises pine resin and salt in 1:1.5 parts by weight relationship which is prepared by mixing the pine resin and salt, heating the mixture while stirring, cooling and grinding the resulting solid to a powder form. Advantages: prevent or treat dental disease at a lower cost with the effective alleviation of any associated dental pain. |         |        |       |        |

Ref No. Org.No. Status Offer Source

1283 668 C L/D C  
**WATER TOWERS AND WATER TANKS** are made of galvanized steel or stainless steel elements, hexagon and pentagon shaped. The elements are bolted together and sealed with rubber strips resulting in a spherical shape. It is strong and with sheets only 1.0 and 1.2 mm thick material and cost effective. Range 2, 4, 8, 15 and 27 cubic metres.

1284 668 C L/D C  
**CONCRETE ROOF TILES AND TILE MAKING MACHINERY** Roof tiles (size 600 x 285 mm) are moulded out of mortar or concrete without fibres on a small hand operated vibrating machine. Production up to 200 tiles per day possible. Machinery is easy to manufacture locally.

1285 676 C L/J C  
**LATEX DIPPING TECHNOLOGY AND PLANT** for gloves, balloons, teats, condoms, catheters etc. Consultancy service, plant, processes and laboratory equipment. Plastic dip coating and dip moulding plant and services. Dip finishing and coating plant for other industrial processes.

1286 678 C L/D C  
**WEFT YARN INSERTION INTO SHUTTLELESS WEAVING MACHINES** To supply the weft (filling) yarn into the weaving m/c during constant tension in spite of intermittent consumption. Increased productivity and better quality. Modern high speed shuttleless weaving machines cannot run without a weft accumulator as the yarn will break.

Ref No. Org.No. Status Offer Source

1287 688 C J/E/T/DC  
**HYDRAULIC CYLINDERS FOR USE ON CAPITAL EQUIPMENT** Single acting, double acting and telescopic units are produced for construction equipment, mechanical handling equipment, municipal vehicles, fork lift trucks, cranes and agricultural equipment. Complete units including power packs for joint venture or in kit form for welding and assembly. Have 33 years experience to offer designs, training and technical assistance to interested organisations. Light engineering plant and skills are required. Systems are approved to ISO 9001.

1288 690 U L/J/D C  
**CHEMICAL GRINDING** A chemical has been formulated and laboratory tested, which when added to rod and ball mill slurry significantly aids rock fracturing and pulverising time. Comminution to sub micron particle size is also feasible.

1289 690 W L/S/J/DC  
**ROOM/SPACE HEATER** A method of heating spaces in buildings by using a door with unique features. Benefits: cheaper to instal than existing systems, frees up wall space, reduces draughts, introduces fresh air. Possible health benefits are: relief for rheumatism sufferers, reduces drowsiness, promotes an atmosphere that is not favoured by the house dust mite and so should aid sufferers with respiratory problems. Can be controlled automatically with running costs in the lower quartile. Existing doors are simply replaced with the room/space heater and then connected to a 220/240v supply or to specification.

1290 701 C L/J/D C  
**EPOXIES AND REACTIVE (OR TOUGHENED) ACRYLICS** for bonding most surfaces (metals, timber, rigid plastics) in construction, engineering, transport, electronics, plastic and fashion industries. Advantages include: bonding similar/dissimilar surfaces, designed to customer's specification.

Ref No.	Org.No.	Status	Offer	Source
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1291	701	C	L/J/D C	
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**CYANOACRYLATES (SUPERGLUES) FOR INDUSTRY AND CONSUMERS** provides: high yield from basic materials, stability.

1292	703	U	J/K/D/T C	
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**GARMENT MANUFACTURE** Development of manufacturing units up to turnkey projects including supply of new or secondhand European sewing machines, marketing and sales development including market assessment and supplier negotiation for all types of garment.

1293	708	C	L/J/T/DP	
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**QUALITY COMPONENTS AND EQUIPMENTS FOR AUTOMOBILE, WATER PUMP, WATER VALVES AND ELECTRIC MOTORS** in small and medium industries. The modular concept uses special purpose machine tools, with pre-set tooling gauging and monitoring. This has resulted in the manufacture of components with consistent quality, reduced cost of production and increased productivity even in small batches. The technology has reduced dependency on highly skilled manpower, has lowered investment, reduced inventory and lead time results in fast set up and offers more flexibility in the change of component or product within the shortest time.

1294	710	W	L/J C	
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**ATTRACTIVE, ROBUST AND VANDAL PROOF LONGLIFE FENCING SYSTEM EXTRUDED FROM RECYCLED PLASTICS** A most ingenious solution to the problems of appearance, high strength and low upkeep. This fencing system will resist impact yet protects both humans and animals from accidental abrasion and infection. It is designed both for public and private use and for rapid contractor or DIY installation, extension and repair.

Ref No.	Org.No.	Status	Offer	Source
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1295	710	C	L/J C	
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**POLLUTION CONTROL PRODUCTS IN GLASS REINFORCED PLASTICS (GRP)** The company manufacture components for sewage treatment plants, tank covers, odour control systems, oil/petrol interceptors, cesspools and underground storage tanks in a variety of glass reinforced plastics. The company's interest is to establish effective agents/distributors which would ideally be fairly small companies, run by the proprietor and be involved in providing equipment or services to the effluent and water treatment industries.

1296	710	C	L/J C	
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**APPLICATION OF IMAGES TO FABRICS AND PLASTICS** The process bonds an image (Holographic, Photographic or Printed) or a special material (Luminous Plastic), to a wide range of fabrics and plastics without the use of heat, pressure, adhesives or inks. When applied, the image has exceptional environmental stability and is machine washable to 60°C. The licensed use of machinery or manufacture of machinery is offered.

1297	710	W	L/J R	
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**ADVANCED DATA LOGGER** This robust, battery operated, modular system has been developed to measure a range of variables under field conditions (initially for animal studies, but with many other applications). By use of sensors and high-tech electronics; speed, force, heartrate, breathing rate, etc can be recorded with greater accuracy than previously.

Ref No. Org.No. Status Offer Source

1298 710 C L/J C

**POWER SUPPLIES, CONVERTERS AND INVERTERS** A company manufacturing DC/DC Converters, AC/DC Linear Power Supplies, AC/DC SMPUs, DC/AC Voltage Inverters, AC/AC Frequency Inverters as well as Distributed Measurement, Control, Data Acquisition and Supervisory Systems, requires distributors for its' power supplies and instruments. The company is also seeking equipment from other companies dealing in state-of-the-art encapsulated DC/DC converters or similar.

1299 710 W L/J P

**"THE DRUID" UNIVERSAL LINEAR SUNDIAL** This is an attractive and improved sundial with the advantage of a linear time scale for accurate time keeping throughout the hours of sunlight. It is aesthetically pleasing as an abstract sculpture. It is adaptable and viable from "gift shop curio" size up to "theme park central feature

1301 710 M L/J C

**INSTANT PHOTO PRINTING PROCESS SUITABLE FOR IMPROVED MICROFICHE** This is an 'instant' process whereby a latent image is produced by a UV exposure and a simultaneous or subsequent heat treatment fixes that image. The system has many advantages over existing microfiche technologies, produces a good deep black and is stable. Other applications eg security printing are envisaged. Seeking an investment partner.

1302 710 W L P

**PAPER PULP MOULDING MACHINE** A non-exclusive franchise is offered for a low-cost paper pulp moulding machine capable of producing egg-trays, boxes, biodegradable plant pots, food trays, etc. Requires only waste paper and water as input raw materials.

Ref No. Org.No. Status Offer Source

1303 710 C L/J/E C

**TUBULAR FINGER BANDAGE** A novel design of woven tubular finger bandage for domestic and industrial use which needs no applicator, scissors or tape and can be easily self-applied. Superior to adhesive dressings, permeable to air and easy to remove. Should be in every first aid box. All forms of transfer considered.

1304 710 M L/J C

**TAMPER-EVIDENT PACKAGING** Of laminated composition, the packaging leaves a telltale coloration after it has been opened or punctured. There is a high demand for 'smart packaging' which can not only show that attempts have been made to open or tamper with it, but which also authenticates the branding of the goods. Company seeks joint venture project and funding for further development.

1305 710 W L/J P

**MULTI-PURPOSE AGRICULTURAL/HORTICULTURAL STEEL HAND TOOL** A robust hoe head of advanced design which combines a wide range of individual functions in one implement. It can be used for hoeing/forming seed drills/levelling/scraping and working heavy soils without any adaption. It can be manufactured as a steel forging or a welded assembly and contains no moving parts. This cost effective implement will increase mobility and reduce the equipment inventory with consequent increase in productivity.

Ref No.	Org.No.	Status	Offer	Source	Ref No.	Org.No.	Status	Offer	Source
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1306	710	U	L/J	C					
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**RANGE OF HIGH EFFICIENCY FLUORESCENT LIGHTING UNITS** A range of attractive fluorescent lighting units designed for ease of installation and tube replacement. High frequency electronic ballasts ensure instant start up without flicker using high efficiency tubes and special reflective films. The units are BRECON approved. Each unit is individually switched and can be changed from down lighting to architectural uplighting, either manually or by an infra-red signal. A manufacturing licence is offered for this range which is designed for low cost manufacture and assembly using aluminium extrusions.

1307	710	M	L/J	C					
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**STEAM-STERILISATION MARKER** In the form of an active substrate or ink, this material is designed to be a 'dosimeter' recording the fact that goods have been adequately sterilised by the steam pressure techniques. The colour change may be colourless to black, red to black, etc. Seeking an investment partner.

1308	710	W	L/J	R					
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**WELL JETTING RIG** This rig is designed to jet wells down to 12 metres and install a lining of corrugated drainage pipe. The hole is backfilled with gravel to act as a filter, and the plastic pipe can be sleeved with polythene to stop surface water contamination. Operated by two people, the rig works best on alluvial soils.

1309	710	W	L/J	C					
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**ELECTROCHLORINATOR FOR WATER STERILISATION** The electrochlorinator produces a constant supply of chlorinated water from a salt and water feedstock. The high efficiency of this particular system results from the patented geometry of the electrochemical cell. For sterilisation of drinking water, water used in food and medical processes, swimming pools, etc.

# REQUESTS TRANSPORT AUTOMOTIVE

**Ref No. Org.No. Status Request Source**

1310 4 F/C L/J C  
**EXHAUST SYSTEMS** Company seeks expertise in manufacture of complete exhaust systems.

1311 4 C L/J C  
**DIE SET FOR EXHAUST SYSTEMS** Die set tool maker for muffler and complete exhaust system.

1312 7  
**CV JOINTS** Technology required to manufacture CV joints for front wheel drive automobiles of Japanese make on joint venture/licence basis, with or without machinery, technical know-how, financial assistance if possible. We have technically trained staff and appropriate building.

1313 61 C L/J C  
**INNOVATIVE PRODUCTS FOR THE AUTOMOBILE SECTOR** Leading brands, auxilliary products for automobiles, repair workshops, parts shops.

1314 61 C L/J C  
**NEW SOLUTIONS TO SEAL ENGINE JOINTS** in particular for automobiles. Materials that are used between iron pieces in the industry.

1315 61 C L/J C  
**INSULATION FOR INDUSTRIAL USE OR FOR ENGINES** Fiat sandwich, silicon spirometers and teflon joints, PTFE tape, retainers, insulating materials.

1316 72.04 C  
**DIGITAL ELECTRONIC METERS FOR VEHICLES**

1317 78 L/J C  
**SPEEDOMETER AND COMMAND CABLES** including accelerator, brake and idling cables etc.

**Ref No. Org.No. Status Request Source**

1318 145 C J C  
**AUTO HEAD LAMP SHELLS FOR HEADLIGHT OF AUTOMOBILES** Capacity: suitable depending on technology. Market: good domestic as well export market. Raw materials: available in India.

1319 152 L/J C  
**AUTO COMPONENT MANUFACTURE** We intend to produce auto components like a) wheel cylinder and bisector, b) tie rod ends, c) yoke and teeth (propeller shaft front teeth), d) flange (centre jhoola coupling flange), e) valve rocker arm shaft, f) axles, g) gear parts etc. Mainly for Bedford, Hindustan-J6 trucks as well as other similar auto components. Existing engineering industry (general purpose type) available. Special type machinery and equipment may be procured. We are looking for technology transfer and/or joint collaboration.

1320 572 C L C  
**AUTOMOBILE CARBURETTORS** Knowhow for the manufacture of fuel efficient two wheeler and four wheeler automobile carburetors.

1321 597 C D P  
**WINDSCREEN WIPER FOR CARS** Party is interested in manufacture of windscreen wipers used for cars for which there is a growing demand.

1322 628 C D C  
**STEEL FORGINGS** Party is interested in manufacture of automotive structural parts forgings.

**REQUESTS    I. TRANSPORT, AUTOMOTIVE**

<b>Ref No.</b>	<b>Org.No.</b>	<b>Status</b>	<b>Request</b>	<b>Source</b>	<b>Ref No.</b>	<b>Org.No.</b>	<b>Status</b>	<b>Request</b>	<b>Source</b>
1323	629	C	D	C					
<b>METALLIZING SHAFTS</b> Party interested in manufacture of metallizing powder for shafts, rollers used in automobile engineering and machine tool engineering industries.									
1324	669		T/D	C					
<b>MANUFACTURE OF BRAKE LININGS</b> Plant, know-how and training sought.									
1325	695	C	L/J/K/E	C					
<b>FARM TRACTOR TECHNOLOGY</b>									

Ref No.	Org.No.	Status	Request	Source	Ref No.	Org.No.	Status	Request	Source
1326	72.28			C					
<b>LEATHER AND HOSIERY PRODUCTS</b>									
1327	72.30			C					
<b>LEATHER PROCESSING</b>									
1328	72.48			C					
<b>LEATHER SHOE UPPERS</b>									
1329	72.59			C					
<b>MANUFACTURE OF LEATHER GARMENTS</b>									
1330	72.60			C					
<b>MANUFACTURE OF CANVAS SHOES</b>									
1331	669	F	E	G					
<b>SMALL SCALE PRODUCTION OF LEATHER SHOES</b> Production equipment for a complete production line.									
1332	673		J/K	P					
<b>GLUE FROM TANNERY WASTE</b> We are interested in having plant on turnkey basis for 300 tons of glue to be manufactured from tannery waste (fleshing).									
1333	692	F	J/L	C					
<b>LEATHER FURNITURE MANUFACTURER</b> seeks potential suppliers/partners able to a) supply fully treated top quality leather hides b) companies capable of cutting and sewing leather into kit form ready for final UK fitting.									



Ref No. Org.No. Status Request Source

1334 1 C J P  
**EXTRACTION OF HEGOGENINS** Seeking technology for extraction of hegozenins (steroid bases) from the agave species of sisal.

1335 2 F S C  
**AGRICULTURAL MACHINERY AND ELECTRICAL APPLIANCES** Technology development in agricultural machinery to include hammer milker, rice hullers and polishers, feed mill mixers, air compressors etc. Also technology on electrical appliances to include table top coolers, upright cookers with oven. Technology on tractors with specific attention on walking tractors.

1336 5  
**ELECTRONIC TESTING INSTRUMENTS** Technology for electronic testing instruments for use in the power sector are sought on a royalty or equity basis.

1337 25 C L/J  
**AUDIO VISUAL EQUIPMENT** Technology and expertise sought to develop the audio visual industry in Ghana. Design and production of amplifiers, mixers, equalizers, power amplifiers, car stereos, colour TV, video decks, recording studio equipment, are all sought.

1338 25 C L/J  
**MANUFACTURE OF P.C.B.s** Technology and expertise sought to establish a manufacturing plant for printed circuit boards.

1339 29 C J C  
**SOLAR VOLTAIC CELLS AND CONVENTIONAL LIGHTING EQUIPMENT** Technology sought for solar voltaic cells and modules as well as domestic and street lighting products, emergency portable lighting equipment and refrigerators.

Ref No. Org.No. Status Request Source

1340 55 P L C  
**DIETHYL MALEATE** Manufacture of diethyl maleate from raw material 95% purity ethyl alcohol and commercial grade maleic anhydride of purity 99%.

1341 61 C C  
**MEASUREMENT AND CONTROL EQUIPMENT** such as electrical networks (electrical analysers etc) telecommunication networks, data scopes, signal measurers etc.

1342 61 C C  
**SUBSTITUTE SOLUTIONS FOR CABLE SYSTEMS** radio frequency.

1343 61 C L/J C  
**PLASTIC PRODUCTS FOR HOSPITALS** These can be: pipettes, syringes, drip regulators, chamberpots, waste depositors etc.

1344 61 C L/J C  
**FINE CHEMICALS** ie products of complex manufacture, in the field of local anaesthetics, hypnotics etc.

1345 61 C L/J C  
**PLASTIC PRODUCTS FOR PHARMACEUTICAL LABORATORIES** Systems and solutions for packaging of pharmaceutical products such as flasks, opening systems, seals, plastic packaging for flasks etc. Exhibitors so that laboratories can display their products in chemists.

1346 61 C L/J C  
**PLASTIC PRODUCTS FOR THE COSMETIC INDUSTRY** items such as diffusers or sprays for cosmetic products.

1347 61 C L/J C  
**AIDS FOR PRODUCTS** in the pharmaceutical industry such as flavocents, aromatizers etc.

Ref No.	Org.No.	Status	Request	Source	Ref No.	Org.No.	Status	Request	Source
1348	61	C	C		1353	61	C	L/J	C
<p><b>NEW TYPES OF SIGNAL AND CONTROL CABLES</b> that have innovative characteristics for instance: high temperature resistance, superflexible etc.</p>					<p><b>TECHNOLOGIES FOR LTHE RECOVERY AND/OR RECYCLING OF COMPUTER COMPONENTS AND EQUIPMENT</b> Electronic components; as prime material of any process, for second hand sales, to reuse part of the equipment; printed circuits: in order to recycle the existing materials (gold, copper), to reuse part of the equipment; electrical components of a computer: coils, blots, sockets, plugs, electrical cables.</p>				
1349	61	W	L/J	C	1354	61	C	L/J	C
<p><b>SOFTWARE TOOL (EDITOR) FOR MAKING INTERACTIVE APPLICATIONS IN THE BANK SECTOR</b> that works in cash dispensers and allows the client/user carry out all kind of operations. Through the applications made with this editor the user can take actions like: payment of taxes; electric light, water and gas bills etc. Buy show and sports tickets; buy products, presents etc. Automatic payment. Consultation of standard information: to read foreign exchange and stock exchange shares etc. Consultation of non-standard information: current account movements, credit balance etc. Make banker's order to another account etc.</p>					<p><b>ELISA TYPE KITS</b> Techniques for use with DNA (PCR: Polymerase Chain Reaction), microbe identification strips etc for the microbiological control of animal fodder and food.</p>				
1350	61	C	C		1355	72.14			C
<p><b>TELECOMMUNICATION CABLE SYSTEM</b> based on fibre optics, pairs of wires, coaxial cables as well as their accessories: connectors, telephone connectors, bridge wires, multiplexors etc.</p>					<p><b>PROPIONIC ACID</b></p>				
1351	61	C	L/J	C	1356	72.14			C
<p><b>SYSTEMS FOR THE DETECTION OF BACTERIA IN LIQUIDS</b> drinking water, waste water and refreshments etc.</p>					<p><b>PROPIONIC ANHYDRIDE</b></p>				
1352	61	C	C		1357	72.14			C
<p><b>ACCESSORIES RELATED TO SIGNAL CABLES</b> these can be: Terminators, connectors, or whatever accessory that can be used on these cables etc having specific characteristics of size, resistant to high temperatures, able to work in adverse conditions etc making them innovative products.</p>					<p><b>2-CHLOROPROPIONIC ACID</b></p>				
					1358	72.14			C
					<p><b>DIPHENYL OXIDE</b></p>				
					1359	72.14			C
					<p><b>PROPIONATES</b></p>				
					1360	72.16			C
					<p><b>BUTYLHYDRO QUINONE</b></p>				
					1361	72.16			C
					<p><b>DEXTRO-TARTARIC ACID</b></p>				
					1362	72.16			C
					<p><b>BUTYLATED HYDROXY ANISOLE</b></p>				
					1363	72.16			C
					<p><b>D-TARTARIC ACID</b></p>				
					1364	72.20			C
					<p><b>ULTRASONIC FLOW METERS</b></p>				

# REQUESTS FOR HIGH TECHNOLOGY

Ref No.	Org.No.	Status	Request	Source	Ref No.	Org.No.	Status	Request	Source
1365	72.24			C	1380	72.55			C
<b>FOAM COMPOUND</b>					<b>DISPOSABLE SYRINGES</b>				
1366	72.26			C	1381	72.55			C
<b>ELECTRONIC PRODUCTS</b>					<b>SURGICAL GLOVES</b>				
1367	72.26			C	1382	72.55			C
<b>PRECISION ENGINEERING PRODUCTS</b>					<b>4-CHLORO-2-METHYL PHENOXY ACETIC ACID (MCPA)</b>				
1368	72.26			C	1383	72.57			C
<b>PLASTIC PRODUCTS</b>					<b>PRODUCTION OF TRICANXIFOS FAT AND GELATIN</b>				
1369	72.29			C	1384	145	C	J	C
<b>CHROMIUM COMPOUNDS</b>					<b>SECURITY PAPERS FOR PRINTING OF CURRENCY NOTES</b> Capacity: 1500 to 3000 tonnes per annum. Raw materials: available in India.				
1370	72.33			C	1385	145	C	J	C
<b>2 ACETYL 6 METHOXY NAPHTHALENE</b>					<b>HYBRID MICRO CIRCUITS</b> Capacity: 0.5 million Nos. Market: demand expected during 1994-95 is 15 M Nos. HMCs worth RS 100 crores. The licensed capacity in 1989 is estimated to be just about Rs. 30 crores. Raw materials: substrates, conductor paste (gold), conductor paste (pd Ag), resistor paste (various resistivities), adhesive (conducting).				
1371	72.34			C	1386	145	C	J	C
<b>EXTRACTION OF OLEOROSIN</b>					<b>OPTICAL FIBER CABLES FOR COMMUNICATIONS</b> Capacity: 40,000 fiber kilometers. Market: market expected to be around 100,000 fiber kilometer, existing capacity in India only around 50,000 fiber km. Can take up manufacture for imported optical glass fiber or could also have facilities for manufacture of optical fiber.				
1372	72.36			C					
<b>SURGICAL INSTRUMENTS AND EQUIPMENTS</b>									
1373	72.37			C					
<b>PERFORMANCE CHEMICALS FOR PETROLEUM INDUSTRY</b>									
1374	72.40			C					
<b>SILICON CHIPS</b>									
1375	72.40			C					
<b>QUARTZ FOR WATCHES</b>									
1376	72.42			C					
<b>AC METALLISED POLYPROPYLENE FILM CAPACITORS</b>									
1377	72.46			C					
<b>MANUFACTURE OF IBUPROFEN DRUG</b>									
1378	72.47			C					
<b>MANUFACTURE OF ETHOXY METHYLENE MALONIC</b>									
1379	72.55			C					
<b>PRODUCTION OF BROMOXYNIL</b>									

Ref No. Org.No. Status Request Source

1387 145 C J C  
**HARD DISK DRIVES FOR COMPUTERS**  
 Capacity: 20,000 units per annum, 10 MB to 120 MB. Market: the production of hard disk drive for the year 1988-89 is 200 Nos value Rs. 1.19 million. Estimated demand in 1995 - 268 Nos value of Rs. 2412 million. Raw materials: read/write heads, stapper motor, DC motor, actuator, spindle, electronic components, plastic and mechanical parts etc.

1388 145 C J C  
**SYNTHETIC IRON OXIDE OR GAMMA FERRIC OXIDE** used for coating audio/video/computer tapes etc. Capacity: 1000 metric tonnes per annum.

1389 303 C D P  
**POLYIMIDE** Party is interested in manufacturing of polyimide used in chemical industries.

1390 305 C D P  
**EPOXY RESIN** Party is interested in manufacture of precipitated silica and activated carbon used in engineering industries.

1391 305 C E/D G  
**EPOXY RESIN** Epoxy moulding compound (EMC) is high insulating polymer composite.

1392 306 C E/D G  
**EPOXY MOULDING COMPOUND** is a high insulating polymer composite for protecting semi conductor devices, which is composed of special epoxy resin, hardner, fillers and other additives. For protecting IC chip this product gives high moisture resistance, high heat resistance, and low water absorption properties. EMC is lower cost and easier to use in IC packaging process than ceramic IC packaging materials. The advantage of this product is high moisture resistance.

Ref No. Org.No. Status Request Source

1393 306 C D C  
**EPOXY MOULDING COMPOUND** Party is interested in manufacture of epoxy moulding compound, copy machine toner and heat shrinkable tube compound.

1394 308 C J/D G  
**MANUFACTURE OF POLYIMIDE** Polyimides are super engineering resins which have excellent heat resistance, good thermomechanical strength, and can be used for semi conductor passivation coatings, films for flexible PCB, and other electronic parts by designing its molecular structure. The offered license (SAIT-PI) can cover up to 4M-DRAM semi conductor chip passivation without additional adhesion promoters.

1395 310 C E/D G  
**EPOXY MOULDING COMPOUND** is a high insulating polymer composite for protecting semiconductor devices, which is composed of special epoxy resin, hardener, fillers, and other additives. For protecting IC chip, this product is designed specially in respect to high moisture resistance, high heat resistance, and low water absorption properties. EMC is lower cost and easier to use in IC packaging process than ceramic IC packaging materials. The advantage of this product is high moisture resistance and high heat resistance.

1396 318 F J/L P  
**DENTAL UNIT** Dental unit: complete dental x-ray unit. Dental x-ray unit being imported. Increasing demand. All infrastructure available.

1397 318 F J/L P  
**STATIONARY ANODE X-RAY TUBES AND DENTAL X - RAY TUBES** Manufacturers of 15/25mA stationary anode x-ray tube, 30/50mA stationary anode x-ray tube and dental x-ray tubes.

Ref No. Org.No. Status Request Source

1398 318 F J/L P  
**X - RAY GRIDS** of various sizes and specifications ranging in application from stationary use to use in diagnostic/sophisticated x-ray equipment.

1399 319 P J/L C  
**PLASTIC INJECTION MOULDING MACHINE**  
 Technology for plastic injection moulding machines with CNC controller and advanced hydraulics and which is suitable to process engineering plastic raw material, such as polycarbonate, glass filled nylon, carbonate for various industries.

1400 325 C L C  
**FORMULATION OF GROWTH PROMOTING CHEMICALS - HORTICULTURE** Technology of formulation of growth promoting chemicals in agriculture with particular reference to horticulture.

1401 325 C L C  
**SEPARATION OF AMINO ACIDS FROM HYDROLYSED PROTEINS** Technology of separation of amino acids from hydrolysed proteins by ion exchange method.

1402 325 C L/J C  
**ALPHA NAPHTHYL ACETIC ACID AND TRIACOTONOL AS BASIC CHEMICALS**  
 Technology for producing Alpha Naphthyl Acetic Acid and Triacotonol as basic chemicals.

1403 325 C L C  
**ORNAMENTAL PLANTS** Technology of ornamental plants by tissue culture with buy back arrangement.

Ref No. Org.No. Status Request Source

1404 332 C L C  
**STYRENE MALEIC ANHYDRIDE MOULDABLE RESINS** Manufacturing technology for styrene maleic anhydride mouldable resins starting from styrene monomer and maleic anhydride. Both raw materials are available in India. Plant capacity 15,000 - 25,000 TPA. The technology should be in commercial production and offered to us for manufacture under licence.

1405 340 C J/L P  
**SOLID MODELLING/CAD** Technology for PC based solid modelling/CAD for mechanical product design and FEM analyses.

1406 340 C J/L C  
**CAD FOR PLASTIC MOULDS** Technology for CAD of plastic moulds for engineering plastics, dies for metal casting (pressure and gravity). May offer technology for manufacture of same. Request similar offers for press tool design and manufacture too.

1407 348 C D P  
**SEPARATION OF ACRYLIC FROM PVC MATERIAL** Party is interested in segregation and recycling of waste plastic materials like acrylic from PVC material. Small particles of copper from PVC grinding, processing of foam PVC waste.

1408 360 C D P  
**ELECTRONIC COMPONENTS** Party is interested in development of electronic items used in production of TV, VCR, cassette player, transistor, radio etc.

1409 360 C D P  
**INDUSTRIAL JEWELS** Party is interested in development and manufacturing technology of industrial jewels.

1410 572 C L C  
**WOODPLAST** Knowhow, plant and machinery for the manufacture of woodplast (PVC wood substitute sheets etc.) for furniture and interiors.

Ref No.	Org.No.	Status	Request	Source
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1411	572	C	L	C
<b>POLYPROPYLENE FILM</b> Know-how, plant and machinery for the manufacture of biaxially oriented polypropylene film (PP) for electrical resistors.				

1412	572	C	L	C
<b>PLASTIC ADDITIVES</b> Knowhow, plant and machinery for the manufacture of plastic additives (thermal stabilizers, antioxidants, crystallising agents, colourants, slip agent etc.).				

1413	573	C	J/L	P
<b>ELECTRONIC EQUIPMENT</b> Electronic equipment: glucometer, chemical analyser, AIDS test kit, computerised eye test, kit, educational robot, CNC trainer kit and microprocessor based equipment.				

1414	574	P	J/L	C
<b>HYDROGEN PEROXIDE</b> Technology for producing hydrogen peroxide with latest cost effective technology.				

1415	575	P	L	C
<b>TRIETHYL PHOSPHATE</b> Manufacture of triethyl phosphate from raw material 95% purity ethyl alcohol and commercial grade phosphorous pentoxide.				

1416	575	P	L	C
<b>LIGHT FAST KETONE ALDEHYDE RESIN</b> Manufacture of light fast (non yellowing) ketone aldehyde resin such as recation of formaldehyde and cyclohexanone resin.				

1417	575	P	S	C
<b>ETHYL HEXYL ACRYLATE</b> Manufacturers of 2 ethyl hexyl acrylate from raw material 35% purity acrylic acid and 99.5% purity ethyl hexanol.				

Ref No.	Org.No.	Status	Request	Source
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1418	578	C	J	P
<b>ZINC OXIDE (97% PURITY)</b> Manufacture of zinc oxide (97% pure) from zinc hydroxide. Zinc hydroxide comes as a waste product / by product in process of manufacturing hydross or sodium formaldehyde sulfordate. This hydroxide would be in powder or liquid form with a zinc content of 60 - 70%.				

1419	579	P	L	C
<b>CHEMICAL AND ALLIED PRODUCTS</b>				

1420	581	C	J/L	C
<b>PROCESS CHEMICAL INDUSTRY</b> Technology for process chemical industry including heavy and fine chemicals, electro chemicals, petro chemicals, insecticide and pesticides.				

1421	584	C	D	L
<b>COPIER MACHINE PARTS</b> Party is interested in technology of CDS drum manufacturing and parts of copier machine and domestic appliance preferably electronic gadgets.				

1422	586	C	D	L
<b>CERAMIC RESONATORS</b> Party is interested in acquiring technology for manufacture of ceramic membranes as ceramic filters for industrial use in high temp and corrosive atmosphere. Multilayer ceramic capacitor technology, high voltage ceramic resistors, metal alcoxide preparations for thin film, fibres and powders, ceramic fibre boards and sintered alumina.				

1423	587	C	D	P
<b>DOMESTIC APPLIANCES/ELECTRONIC ITEMS</b> Party is interested in manufacture of domestic appliances like washing machine, water heater, vacuum cleaner etc. In addition party wants to develop electronic items like television, VCR, etc.				

Ref No. Org.No. Status Request Source

1424 589 C D P  
**ELECTRONIC ITEMS** Party is interested in development of electronic items used in TV, VCR, transistor radio etc and copy machine toner, epoxy compound.

1425 590 C D P  
**FAX MACHINES** Party is interested in development of fax machines for use in offices.

1426 590 C D P  
**MEASURING INSTRUMENTS** Party is interested in manufacture of measuring instruments like vernier caliper, micrometer, height gauge, thread gauge etc.

1427 597 C D P  
**DOMESTIC DISC ANTENNA FOR TV RECEIVING SATELLITE BROADCASTS** Party is interested in manufacture of domestic disc antenna for receiving TV satellite signals.

1428 598 C D P  
**PHOTO VOLTAIC PUMPS AND SILICON WAFERS** Party is interested in the manufacture of photo-voltaic pumps and silicon wafers used in engineering industries.

1429 599 C D P  
**FILM AND BAGS OF POLYETHYLENE** Party is interested in production of film and bags of polyethylene.

1430 601 C D C  
**ADVANCED MATERIAL/ELECTRONIC ITEMS** Party is interested in manufacture of advanced materials used in the electronic industries.

1431 607 C D P  
**ADVANCED MATERIAL/ELECTRONIC ITEMS** Party is interested in production of advanced materials used in engineering industries.

Ref No. Org.No. Status Request Source

1432 608 C D C  
**DISPOSABLE SURGICAL GLOVES AND BLOOD BAGS** Party is interested in manufacturing technology of disposable surgical gloves and blood bags used in hospital, clinic for medical treatment.

1433 608 C D P  
**PVC FILM EXTRUSION PLANT** Party is interested in manufacturing technology of PVC film extrusion plant used in engineering industries.

1434 611 C D C  
**SPECIALITY CHEMICALS** Party is interested in manufacturing technology for special chemicals used in bio technology.

1435 613 C D C  
**CHEMICALS AND PHARMACEUTICALS** Party is interested in manufacturing chemicals and pharmaceuticals which are in extensive use in daily life for domestic and medical purposes.

1436 615 C D C  
**LOW VOLUME HIGH VALUE BULK DRUGS** Party is interested in manufacture of tablets, ointments and injectables used as medicine for patient treatment.

1437 618 C D C  
**MULTILAYER TECHNOLOGY FOR PCB'S** Party is interested in manufacturing multilayer technology for PCB's which find extensive usage in electronic and communication engineering.

1438 621 C D P  
**SODIUM ISOPROPYL XANTHATE** Party is interested in manufacture of sodium isopropyl xanthate and potassium ethyl xanthate used in chemical engineering field.

1439 624 C D C  
**BIO PESTICIDE** Party is interested in manufacture of bio pesticides used in agriculture.

Ref No.	Org.No.	Status	Request	Source	Ref No.	Org.No.	Status	Request	Source
1440	625	C	D	P					
<b>CONTACT LENSES</b> Party is interested in manufacture of contact lenses for restoring the eyesight.									
1441	626	C	D	P					
<b>POWDER FOR SOFT FERRITES OF LOW POWER LOSS TYPE CORES</b> Party is interested in manufacture of powder for soft ferrites of low power loss type cores, cores for low power loss fly back transformers, deflection yokes and telecom cores etc. used in electronic and communication industries.									
1442	630	C	D	C					
<b>FINE CHEMICALS</b> Party is interested in manufacture of fine chemicals used in engineering.									
1443	642	C	D	C					
<b>ELECTRONIC ITEMS</b> Party is interested in manufacture of electronic items used in radio, transistor, TV, VCR and VPC etc.									
1444	684	F	L	C					
<b>ELECTRONIC PRODUCTS</b> Personal computers, plain paper copiers, facsimiles, calculators and cash registers.									
1445	696		J/E/D	C					
<b>POWER ELECTRONICS UNINTERRUPTED POWER SUPPLIES AND ELECTRONIC BALLAST</b> Future plans of moving on to electronic packaging facility like chip on board etc (full details on Indian market available).									



Ref No.	Org.No.	Status	Request	Source
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1446	61	C	L/J	C
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**SYSTEMS FOR PRODUCING ALTERNATIVE ELECTRICAL ENERGY** based on the use of forest waste, domestic waste etc.

1447	61	C	L/J	C
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**SYSTEMS FOR PRODUCING ELECTRICAL ENERGY AND WATER VAPOUR FROM GAS**  
Can be natural gas or gas produced from burning waste.

1448	72.10			C
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**COCONUT SHELL CHARCOAL**

1449	72.25			C
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**SOLAR ENERGY-BASED DOMESTIC APPLIANCES**

1450	72.34			C
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**COCONUT SHELL CHARCOAL BRIQUETTES**

1451	72.55			C
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**PHOTO VOLTAIC SOLAR ELECTRIC MGDULES**

1452	145	C	J	C
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**SILICON WAFERS FOR SOLAR CELL APPLICATION** Capacity: 5 mega watts per year valuing about Rs. 200 million. Market: demand in India likely to be 10 MW by 1995-96, present production only 1 MW. Raw materials: may have to be imported.

1453	591	C	D	C
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**SOLAR ENERGY** Party is interested in development of solar energy systems like solar cooker, solar water heater, solar pump, solar battery etc.

1454	598	C	D	P
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**SOLAR POWER PLANT** Party is interested in manufacture of solar power plant used for power generation in villages.

Ref No.	Org.No.	Status	Request	Source
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1455	671		L/J/D	C
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**SOLAR VOLTAIC CELLS AND PANELS** We are very keen to enter into solar thermal and solar photovoltaic cells/panels/systems. We have done market research and other studies. We are fully convinced that this will be a blue chip area for the Indian scenario.

- | Ref No.   | Org.No. | Status | Request | Source | Ref No.  | Org.No. | Status | Request | Source |
|---|---------|--------|---------|--------|--|---------|--------|---------|--------|
| 1456  | 2       | F      | S       | C      | 1462   | 61      | C      | L/J     | C      |
| <b>AGRICULTURAL MACHINERY AND ELECTRICAL APPLIANCES</b> Technology development in agricultural machinery to include hammer miller, rice hullers and polishers, feed mill mixers, air compressors etc. Also technology on electrical appliances to include table top coolers, upright cookers with oven. Technology on tractors with specific attention on walking tractors. |         |        |         |        | <b>SYSTEMS FOR THE DETECTION OF BACTERIA IN LIQUIDS</b> drinking water, waste water and refreshments etc.  |         |        |         |        |
| 1457  | 3       | C      | J       | C      | 1463   | 61      | C      | L/J     | C      |
| <b>FOOD PROCESSING</b> Interested in food processing line, preferably on joint venture basis. Financial and technological co-operation is solicited.  |         |        |         |        | <b>EQUIPMENT TO DETECT MICROBIC CONTAMINATION</b> in the laboratories of food, cosmetic or pharmaceutical companies, apparatus that, automatically or semi-automatically, determine the quality of microbes in a sample.   |         |        |         |        |
| 1458  | 15      |        |         |        | 1464   | 61      | C      | L/J     | C      |
| <b>PLANT AND MACHINERY FOR DEHYDRATION OF FRUITS</b> Required technology/plant and machinery under licence/joint venture for dehydration of fruits, vegetables and condiments. Also want to enter in joint venture for processing of fruits and vegetables.   |         |        |         |        | <b>MANUFACTURE OF INDUSTRIAL PASTRY WITH CONSERVING CAPABILITIES</b> (allowing the final product to remain fresh for a certain amount of time), to substitute those products now in use (E-330, E-200, E-202). Among these technologies, for example, they would be interested in: gas injected packaging, infra-red pasturized packaging. |         |        |         |        |
| 1459  | 19      | C      | L/J/S   | C      | 1465   | 61      | C      | L/J     | C      |
| <b>DICALCIUM PHOSPHATE - FOOD/FEED GRADE</b> Starting from rock phosphate/phosphoric acid. The technology must have been proven on the plant of 5000 MT/annum capacity at least. We shall require know-how and complete design package (basic and detailed engineering).  |         |        |         |        | <b>MANUFACTURE OF INDUSTRIAL PASTRY WITH IMPORTANT COLOURANT CHARACTERISTICS</b> or natural colourant for food.  |         |        |         |        |
| 1460  | 61      | C      | L/J     | C      | 1466   | 61      | C      | L/J     | C      |
| <b>MANUFACTURE OF INDUSTRIAL PASTRY WITH EMULGENT POWER</b> allowing the substitution of those products already in use (E-471, E-475). For example, it is thought that certain processes with yoghurt can have this effect.   |         |        |         |        | <b>PRODUCTS FOR USE IN THE QUALITY CONTROL OF COSMETICS</b> Allergy kits, toxicity tests etc.  |         |        |         |        |
| 1461  | 61      | C      | L/J     | C      | 1467   | 69      | C      | J       | C      |
| <b>MANUFACTURE OF INDUSTRIAL PASTRY WITH GASEOUS CHARACTERISTICS</b> (allowing the final product to have small air cavities) allowing the substitution of those products already in use (E-334, E-500)  |         |        |         |        | <b>JOINT VENTURE PARTNER TO PRODUCE FOOD PRODUCTS FROM TROPICAL FRUITS</b> and also a joint venture partner to do a small paper plant using recycled paper and rice, straw or sugar cane waste for paper. The market will be both local and export.  |         |        |         |        |
|   |         |        |         |        | 1468   | 72.02   |        |         | C      |
|   |         |        |         |        | <b>FRUIT PROCESSING AND DISTILLERY</b>   |         |        |         |        |
|   |         |        |         |        | 1469   | 72.05   |        |         | C      |
|   |         |        |         |        | <b>JUTE PRODUCTS</b>   |         |        |         |        |

Ref No.	Org.No.	Status	Request	Source	Ref No.	Org.No.	Status	Request	Source
1470	72.06			C	1483	155		J	C
<b>PRODUCTION OF BEVERAGES AND DAIRY PRODUCTS</b>					<b>USE OF BROKEN RICE</b> Uses of broken rice/ rice unfit for human consumption for a) industrial use b) starch production. We want techno-economical study. Flow sheets, equipment details, budgetary price of equipment.				
1471	72.08			C	1484	156		J/K	C
<b>YEAST</b>					<b>PINEAPPLES AND MANGOES JUICE EXTRACTION</b> Processing and preserving line, complete with machinery offer on turnkey basis.				
1472	72.09			C	1485	163		F	L/J/D P
<b>FRESH AND BRACKISH WATER PRAWN FARMING</b>					<b>CANNING LINE</b> Small scale multipurpose canning line. Technology required for the processing, preparing of corned mutton, corned beef and such related products for the local market and export. Raw material and infrastructure available.				
1473	72.13			C	1486	167		M	E G
<b>CASHEW NUT SHELL LIQUID</b>					<b>GREEN VEGETABLE PROCESSING</b> Transformation of green leafy vegetables: for use in soup preparation and conserved as frozen not dried. Machines needed for slicing, washing, packaging and storage at room temperature or frozen.				
1474	72.19			C	1487	245		C	E/D G
<b>PRODUCTS FROM SPENT ROOTS OF LICORICE</b>					<b>COCONUT CREAM</b> as concentrated from coconut milk is used as a culinary item in food preparations and in confectionery (food processing industries). It is a wet process involving a number of steps such as dehiscing, splitting and deshelling to fresh matured coconuts, blanching the kernels followed by comminution and milk extraction which is then emulsified with additives and pasteurisation and canning.				
1475	72.27			C	1488	316		P	L C
<b>PROCESSING OF CITRUS FRUITS</b>					<b>SUGARCANE HARVESTER</b> A self propelled sugarcane harvester which negotiates the field and is able to cut the canes at uniform height.				
1476	72.31			C					
<b>RICE FLAKE (POHA)</b>									
1477	72.32			C					
<b>SOYA PROTEIN BISCUITS</b>									
1478	72.51			C					
<b>MILK DAIRY</b>									
1479	72.56			C					
<b>PRODUCTION OF PEANUT OIL</b>									
1480	72.57			C					
<b>PROCESSING OF DUCK FEATHERS</b>									
1482	153		U	J					
<b>FOOD PROCESSING</b> To process large quantities of wild fruit ( <i>Sclerocarya Caffra</i> ) and a large type of water melon that is only suitable for cooking and has a shelf life of up to two years. To produce jams, juices, dried fruit products etc. Have an 800sq m factory and 1000 lbs steam/hour + most basic equipment.									

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1489 317 C L P  
**FOOD PROCESSING MACHINE** Technology for making various food processing machines.

1490 325 C L C  
**HIGH PUNGENT AND COLOUR FRACTIONS FROM INDIAN CHILLI**

1491 337 C J/L P  
**MULTI LAYERED PLASTIC FILMS** Technology for manufacture of multi layered plastic films for packing of cooked food which can be directly heated in microwave oven without opening. Similar food packaging technology.

1492 359 C K/E P  
**SUGAR CUBE MANUFACTURING** Party is interested for plant for sugar cube manufacturing which are used in hotel industries and domestic.

1493 476 C  
**STARCH AND GLUCOSE PRODUCTION** Small scale starch and glucose production from cassava or maize.

1494 572 C L C  
**PLANT AND MACHINERY FOR PROCESSING FRUITS AND VEGETABLES** Knowhow, plant and machinery for processing (freeze dried) fruits and vegetables, fruit juice concentrates and lime processing (lime oil, concentrate and pectin).

1495 620 C D C  
**EGG POWDER AND EGG PRODUCTS FOR DOMESTIC AND EXPORT MARKET** Party is interested in manufacturing egg powder and egg products for domestic market consumption and export market

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1496 623 C D P  
**AGRICULTURAL EQUIPMENT** Party is interested in manufacture of tractor mounted root harvesting equipment for potato and beet. Reciprocating and vertical axis power harrows and tractor mounted excavators used for agricultural purposes.

1497 651 C D P  
**LATEST MODELS/DESIGNS OF SMALL COMPACT FLOUR MILLS** for domestic use for grinding wheat, corn, bajri and other grains. Preferably with buy back agreements. No special environmental requirements are needed.

1498 651 C D P  
**DESIGNS OF SMALL COMPACT EDIBLE OIL MILL MACHINERY FOR DOMESTIC USE** easy to handle output, approx: 500/700 kgs of oil per 12 hours for crushing groundnuts, sesame rape seeds and other oil bearing seeds. Preferably with buy back agreements. No special environmental requirements are needed.

1499 669 F D G  
**MANUFACTURE OF FRESH (WET) BAKER'S YEAST** Small scale production, output 10 tons per year.

1500 669 F D G  
**EQUIPMENT FOR A 5 TONS/DAY MARGARINE PLANT** Small scale production of margarine from sunflower oils mixed with edible animal fats. A votator unit should be used for crystallizing the mixture. With packing of the 250g margarine bricks.

1501 670  
**COMMODITIES PRODUCTION** (soap from coconut and palm tree, agro allied production).

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1502 672 J C  
**TEA BAG AND FRUIT JUICE PRODUCTION**  
 We need financial assistance in machinery and technology with moral support as we are a third world country. We are in great need of all possible assistance eg technical assistance. We would like machinery which can turn a corn pineapple, make pineapple juice, machines which can make tea bags etc. Local materials are available in Uganda.

1503 685 P J O  
**FOOD PROCESSING TECHNOLOGY** Fruits, vegetables and/or marine products are cleaned and converted into juice, pulp, crush, peaces, powder or kept intact. Under various processes like freezing, boiling or dehydrating they are processed and preserved and packed. With these process original taste and flavour are maintained for a long time. It has good export and domestic market. Since it is biodegradable it has no environmental hazard and can be a good manure.

1504 687 D C  
**MANUFACTURE/FABRICATION OF SMALL AGRO PROCESSING EQUIPMENT** Post harvest grain processing equipment, such as maize/rice hullers, sorghum huller, grain sheller, grain cleaner, destoners, stock feed mixers.

1505 693 F E C  
**SMALL SCALE MANUFACTURE OF MILLET BEER** using labour intensive technology (raw materials: sorghum, finger millet malts).

1506 693 F E C  
**SMALL SCALE (DESK TOP) CIGARETTE MAKING EQUIPMENT** Raw material, smoke cured tobacco.

1507 697 J/K C  
**OILS, FRUIT AND CONFECTIONERY**  
 Essential oil - clove oil, lemon grass, lemon, coconut cream and tannery equipment.

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1508 709 J C  
**JUICE EXTRACTION FROM FRUIT AND VEGETABLES** Simple hand operated machinery for extracting juice from oranges, tomatoes etc on a small to medium scale and capable of being transported from location to location.

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1509 6 F L/J C  
**GLUE LAMINATED STRUCTURAL WOODS**  
 A manufacturer of construction materials seek business co-operation for production and marketing of glue laminated structural woods for rural buildings.

1510 8 P S C  
**MANUFACTURE OF ANIMAL FOODSTUFFS (DICALCIUM PHOSPHATE)** Process for manufacture of dicalcium phosphate - pharmaceutical/animal feed grade from rock phosphate powder by 'haifa route process' using mainly two ingredients viz mineral rock phosphate and hydrochloric acid.

1511 19 C L/J/S C  
**EPOXY AND POLYAMIDE RESINS** and other sophisticated resins/adhesives.

1512 19 C L/J/S C  
**DICALCIUM PHOSPHATE** Pharmaceutical grade.

1513 19 C L/J/S C  
**DERIVATIVES OF GLYOXAL** or other products which can be done on the Glyoxal 40% plant.

1514 19 C L/J/S C  
**DERIVATIVES OF PARA NITRO CHLORO BENZENE (PNCB)** Also products which could be made on the plant to manufacture PNCB/ONCB.

1515 19 C L/J/S C  
**MANUFACTURE OF BARIUM CARBONATE** using Barytes and instead of Sodium Carbonate, Carbon Dioxide.

1516 25 C L/J  
**COLOUR PRINTING PRESS** Colour printing press technology and machinery sought.

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1517 25 C L/J  
**MANUFACTURE OF PRODUCTS USING LOCAL RESOURCES** Partnership and finance sought to manufacture products in Ghana from local resources i.e. aluminium, wood, etc. Appropriate products might included loudspeakers, aluminium heat-sinks, aluminium castings, pressings and manufacture of parts and components for partner.

1518 25 C L/J  
**SERVICING OF VIDEO DECKS AND COLOUR TVs** Partnership and expertise sought to establish a service point for video and TV equipment.

1519 53 C L/J C  
**SYNTHETIC INDUSTRIAL DIAMOND POWDER** Technical know-how and the commercial manufacturing process to manufacture synthetic industrial diamond powder. Potential domestic market, essential raw material for modern abrasive industry. Please send details, cost and investment structure. Licence agreement preferred. Also send quality control system and details of the other terms and conditions.

1520 61 C L/J C  
**EQUIPMENT AND ANALYTICAL SYSTEMS, STUDIES AND CONTROL OF ELECTRICAL ENERGY SUPPLIES** Analyzer of network parameters, tension, currents, power, energy, harmonics etc.

1521 61 C L/J C  
**INTERIOR AND EXTERIOR ELECTRONIC LETTERING SIGNS** that are programmable.

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1522	61	C	L/J	C	1528	61	L/J	C	
<b>ROLL-UP OR FOLDING PVC PANEL DOORS</b>					<b>ADVANTAGEOUS AND GREENER MATERIALS</b>				
These have to be transparent PVC panel doors with a flexible application, both interior and exterior. Their main aim is to insulate a place against dust, sound, temperature etc. The doors have to be able to roll-up quickly, approximately 1 to 1.5 m/s to allow the passing of people and vehicles quickly and work with a security system, stopping or re-opening automatically, in case the door encounters an obstacle.					for the manufacturing of products such as cambines, panels, screens, blinds etc for the soundproofing of industrial premises.				
1523	61	C	L/J	C	1529	61	L/J	C	
<b>NEON TUBES</b> of different diameters, luminosity and neon percentage, for use in interior and exterior sign lettering.					<b>STANDARD PRODUCTS FOR THE SOUND-PROOFING OF WALLS, CEILING ETC</b> in industrial buildings that also have other facilities such as light, ventilation systems etc.				
1524	61	C	L/J	C	1530	61	L/J	C	
<b>INTERIOR NEON DISPLAYS FOR BARS AND ROOMS</b> for example to advertise drinks.					<b>ELECTRONIC SYSTEMS APPLIED TO SOUNDPROOFING FACILITIES</b> enabling to switch from passive to active soundproofing. For instance, devices producing sounds the eliminate other noises.				
1525	61	C	L/J	C	1531	61	C	L/J	C
<b>ANTI-SOUND AND ANTI-ACOUSTIC SCREENS MADE FROM CONCRETE OR LIGHT CONCRETE FOR VEHICLE ROADS</b> (roads, motorways etc).					<b>NOVEL MATERIAL IN THE FIELD OF SIGN LETTERING</b>				
1526	61	C	L/J	C	1532	61	L/J	C	
<b>PREFABRICATED CONCRETE TANKS TO CONTAIN LIQUIDS</b> These must be cylindrical or rectangular, and able to carry more than 100,000 litres for use at purifying plants etc.					<b>STANDARD PRODUCTS ACTING AS REDUCERS OR MINIMIZING NOISE</b> and that would be applicable to any type of industrial machine or engine.				
1527	61	C	L/J	C	1533	61	C	L/J	C
<b>METHACRYLATE PLATES FOR SIGN LETTERING</b> These should have a range of different colours and finishes, such as opal, etching, translucent etc perform well in all weathers and remain serigraphable and paintable etc.					<b>NEW SPECTACULAR WALL COVERINGS</b> for decorating both the interior and exterior (not paints or plasters).				
					1534	61	C	L/J	C
					<b>SECTIONED DOORS</b> Doors made from articulated panels by means of a facade that allows, on opening, the movement of the rail and remains hanging from the ceiling. The workings of the opening can be automatic or manual and the panels can be opaque or with a transparent window allowing the illumination of the room. The arrangement can have a security system, stopping or re-opening automatically, in case the door encounters an obstacle.				

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1535 61 C L/J C  
**MOBILE RAMPS FOR LOADING/UNLOADING AT BUILT-IN DOCKING BAYS** Their purpose is to compensate for the possible difference in level between the loading/unloading bay and the lorry. The system has to be built-in within the loading/unloading bay and mobile for a hydraulic system. The workings can be manual or automatic.

1536 61 C L/J C  
**WATER PURIFICATION** and waste water treatment systems.

1537 61 C L/J C  
**NOVEL APPLICATIONS OF PLASTIC** (resins, polyester) for decoration and sign lettering.

1538 61 C L/J C  
**MANUFACTURING COMPANIES OF FORGED ALVEOLARE FOR EXTRUSIVE SYSTEMS** (concrete structures that without losing their characteristics have holes that reduce the weight and save prime material), that are prepared to establish themselves in the Spanish market and wish to do so co-jointly. The company would be prepared to arrive to agreements, examining each offer of an exchange of infrastructure for technology. Presently the sales prediction for the market is large and there does not exist a qualified competitor in this sector.

1539 61 C  
**DISTRIBUTION OF A LARGE RANGE OF ELECTRONIC WEIGHING MACHINES FOR PERSONS** orientated to the health market and home use. Industrial weighing equipment is not sought.

1540 61 C  
**INNOVATIVE PRODUCTS FOR THE HEALTH MARKET** which don't need post-sell service (consumable and returnable products). In this way they could take advantages of their important commercial network.

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1541 61 C L/J C  
**ELIMINATORS OR PROTECTORS FOR CURRENT ELECTRICITY** that are innovative elements such as current electricity eliminators - equipment emitting positive and negative particles - or whatever other element or piece that eliminates or protects against static electricity.

1542 61 C L/J C  
**GAS SOLDERING IRONS** these are soldering irons with a gas energy source.

1543 61 C L/J C  
**PRODUCTS FOR GENERAL INDUSTRIAL USES** for maintenance of machines and installations, especially petrochemicals, lubricants, surface treatments, moulded rubber.

1544 61 C L/J C  
**'KNOW-HOW' FOR OPTIMIZING ENERGY RESOURCES**

1545 61 L/J C  
**ALTERNATIVE PRODUCTS IN REPLACEMENT OF SOUNDPROOF CABINES**

1546 61 L/J C  
**PANELS FOR SOUNDPROOF CABINES** also applicable to machines, engines, to isolate the staff etc.

1547 61 C C  
**BOX KITS TO INSULATE THE CONNECTIONS OF UNDERGROUND ELECTRICAL CABLES** Sticky insulating tape, stamps made from a mixture of polyurethane etc for use in insulating the connections which can be fitted to the said cables.



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1548 61 C L/J C  
**STAINLESS STEEL PIPES** more importantly pipes with a thin shell thickness of the order 0.2 or 0.25 mm. The pipes must comply with the DIN 4301 standard, have a strength of 300/350 HV and be smooth on the inside as well as the outside with ridges no more than 15 micro m and 10 micro m respectively.

1549 61 C L/J C  
**TRANSFORMERS FOR NEON TUBES** and accessories for neon tubes, products such as supports, covers, cables, programmers etc.

1550 61 C L/J C  
**PAINTING AND INDUSTRIAL COATINGS (PRIMERS, CLEAR COATS AND TOP COATS)** This company wants new kinds of paints and coatings especially: Paints and coatings for plastics, polypropylene, polyethylene, any other type of plastic. Paints and coatings for use in the motorcycle and automobile industry. Would like agreements with companies with official approval in these sectors to introduce them in Spain. Sputtering varnishes (vacuum metalized varnishes) to metalize mainly automobile lights. Paints for glass, powder paints and other innovative paints.

1551 61 C L/J C  
**DEHYDRATING SACKS OR BAGS** used in the packaging of electronic products to keep them totally dry.

1552 61 C L/J C  
**NEW TYPES OF CONTAINERS** for solid products between approximately 20 and 60 l. in volume, mainly those made of primary materials - plastic or card - these can be recycled.

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1553 61 C L/J C  
**PORTABLE TERMINALS** with reader incorporated, for data retrieval allowing information transfer through a cable (via RS232C) or for radio frequency.

1554 61 C L/J C  
**MACHINERY FOR THE THREAD GRINDING OF TAPS** The main advantages of the technology are: 5 movement axes allowing high flexibility, a special operating system that reduces the all important preparation time for the machinery; highly versatile to grind any type of thread; automatic supply system allowing the integration in the automatic processes; totally automatized machinery with the latest technologies allowing high productivity.

1555 61 C L/J C  
**ADDITIVES FOR ANIMAL FODDER** products to add to fodder in order to stimulate production, new types of food etc.

1556 61 C L/J C  
**ANALYZERS OF ELECTRICAL NETWORKS AND ENERGY CONTROL** Products, equipment and systems for measuring, controlling, monitoring and electrical energy saving in industrial installations.

1557 61 C L/J C  
**DESIGN AND CONTROL SYSTEMS FOR DOMOTICS (INTELLIGENT HOUSES)** ie systems for access, security, temperature and light control etc.

1558 61 C L/J C  
**GREEN CHROME OXIDE** Inorganic pigment that is obtained from sodium bichromate, prime materials and are applicable in the world of plastics and paints, in particular those that require resistance against atmospheric agents such as marine paints.

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1559	61	C	L/J	C	1567	61	C	L/J	C
<b>CERAMIC COLOURS</b> Pigments for use in the world of construction manufactured at high temperatures in order to colour the elements.					<b>THIN CERAMIC BARS</b> to hold the resistance wire of the soldering iron. These bars of 5.2 mm in diameter and 55 mm in length should have 2 holes in which to place the resistance wires and comply with the DIN 40680 standard.				
1560	61	C	L/J	C	1568	61	C	L/J	C
<b>TRANSPARENT IRON OXIDES</b> Inorganic pigments that can make paints brighter. One typical application are the metalized paints for cars.					<b>THERMOFUSES THAT WORK UP TO 240 DEGREES C</b> Fuses that are placed inside an electronic element and go off on reaching a determined temperature.				
1561	61	C	L/J	C	1569	61	C	L/J	C
<b>BLUE ORGANIC PIGMENT OF PHTALYCIANINE</b> Obtained from sodium bichromate, this is an organic pigment that can substitute the inorganic ultramarine blue in some applications.					<b>MATERIALS FOR THE MANUFACTURE OF LIGHT-WEIGHT PLANT POTS</b> These can be: light-weight concrete; Light-weight materials that can substitute concrete; Plastic materials that can be mixed with concrete without loss of consistency; Materials that can substitute marble; New light-weight plant pot designs; New technologies for the manufacture of plant pots.				
1562	61	C	L/J	C	1570	61	C	L/J	C
<b>PIGMENTS</b> that, by using the technology have very good dispersion characteristics.					<b>ANY INNOVATIVE SOLUTION FOR USE IN PLASTIC</b> aimed at the food, cosmetic, pharmaceutical and hospital markets.				
1563	61	C	L/J	C	1571	61			C
<b>INNOVATIVE ADDITIVES</b> in the world of paints.					<b>ROMAN WEIGHING MACHINES</b> Collaboration with manufacturers with the aim of improving, reducing costs and to perfect the mechanisms.				
1564	61	C	L/J	C	1572	61	C	L/J	C
<b>INNOVATIVE PRODUCTS THAT CAN BE SOLD IN GARDEN CENTRES</b> or any type of urban furniture (dismountable plant pots, imitation materials; stone, plastic, aluminium etc, innovative designs of plant pots).					<b>PLASTIC PRODUCTS FOR THE FOOD INDUSTRY</b> for example: tupperware, plastic packaging to substitute that which is now in use for transporting fruit etc.				
1565	61	C	L/J	C	1573	61	C	L/J	C
<b>THERMAL TRANSFER PRINTERS</b> for the printing of bar codes, wording and logos for labels.					<b>RECTANGULAR OR ROUND INDUSTRIAL CONNECTORS</b> for industrial applications having voltages of 220/380 V, current up to 16 A and adverse conditions - dampness, water flows etc.				
1566	61	C	L/J	C					
<b>ACCESS CONTROL SYSTEMS</b> based on locks without keys etc.									

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1574	61	C	L/J	C
<b>PLASTIC PACKAGING</b> in general for jewels.				

1575	61	C	L/J	C
<b>OTC PRODUCTS TO SELL TO PHARMACIES</b> Those that do not require a medical prescription eg sweets, sweetener tablets etc.				

1576	61	C	L/J	C
<b>CERAMIC RESISTANT HEATERS FOR SOLDERING IRONS</b> of approximately 5.8 mm in diameter and 80 mm in length, the resistance should not yield due to the effect of heat and if it does then the bend should not exceed 0.5 mm.				

1577	61	C	L/J	C
<b>SPECIAL CABLES</b> Coaxial cables, cables that can be used in professional sound applications, local area networks etc.				

1578	61	C	L/J	C
<b>WATER WASTE TREATMENT</b> especially urban water, although they will not desistmate any other proposal in the industrial sector.				

1579	61	C	L/J	C
<b>INDUSTRIAL WASTE TREATMENT (PLASTICS, PAPER, RUBBER)</b> The treatments can be of any process: re-cycling, incineration, transformation.				

1580	61	C	L/J	C
<b>RUBBER PEARS FOR DESOLDERS</b> Their main function is to suck out the metal for the desolders, it must be capable of working at 150 degrees C without altering its characteristics.				

1581	61	C	L/J	C
<b>AIR-CONDITIONING SYSTEMS</b> both for domestic and industrial use - cooling equipment for storage rooms, heating pumps etc.				

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1582	61	C	L/J	C
<b>INDUSTRIAL READERS</b> Bar code readers dedicated to the control of production on assembly lines.				

1583	61	C	L/J	C
<b>SPECIAL LABELS</b> with pre-printed bar codes that have the following characteristics: labels with wording, labels unaffected by the sun or humidity and labels that can be read using infra-red rays. In general any label that can bear up to industrial conditions.				

1584	61	C	L/J	C
<b>CABLES OF 5 CONDUCTORS FOR SOLDERERS</b> these have to be extra flexible so not to control the position of the soldering iron and the cable cover should be capable of withstanding a temperature of 400 degrees C for a minimum of 1 minute if by accident it comes into contact with the point of the soldering iron.				

1585	61	C	L/J	C
<b>TAGS</b> system comprising of a reader plus a radio frequency pill used to identify animals.				

1586	61	C	L/D	C
<b>WASTE WATER TREATMENT</b> both industrial and urban. In particular technologies and 'know-how' in the metallurgy, textile, leather, food and farming sectors.				

1587	61	C	L/D	C
<b>INDUSTRIAL WASTE RECYCLING</b> (plastic, paper, rubber). The treatments can be of whatever type: recycling, incineration, transformation.				

1588	61	C	L/J	C
<b>SOFTWARE PRODUCTS FOR EDUCATIONAL USE</b> in schools, universities and businesses. Computer programmes for learning geography, biology, accounts, sales techniques etc.				

Ref No.	Org.No.	Status	Request	Source	Ref No.	Org.No.	Status	Request	Source
1589	61	C	L/J	C	1599	72.07			C
<b>BAR CODE READERS</b> These machines can be: WANDs, CCD's (these do not have to move over the bar code), GUNs (those that can scan from a distance) and table scanners (those used in supermarkets).					<b>NEEDLES FOR HOSIERY KNITTING MACHINES</b>				
1590	61	C	L/J	C	1600	72.11			C
<b>SYSTEMS OF CLASSIFICATION, ELIMINATION AND WASTE RECYCLING</b>					<b>TELEPHONE ANSWERING MACHINE</b>				
1591	61	C	L/J	C	1601	72.12			C
<b>DECODERS</b> to read bar codes that allow the connection - keyboard emulation (connected between the screen or the PC and the keyboard) - or connected directly to the PC via RS232C (serial output).					<b>ELECTRON GUN PARTS</b>				
1592	61	C	L/J	C	1602	72.15			C
<b>ELECTRICAL HEATING SYSTEMS</b> (accumulators, radiant cables, radiant panels etc) and gas heating systems (boilers, radiators etc).					<b>DISH ANTENNA</b>				
1593	61	C	L/J	C	1603	72.17			C
<b>DIN 41612 STANDARD CABLES</b> in order to connect printed circuit cards to the common card or rack.					<b>MICRO GLASS BALLS/BEADS</b>				
1594	61	C	L/J	C	1604	72.18			C
<b>THERMOSTATS FOR ENGINES</b>					<b>SPECIAL ALLOY STEEL CASTINGS</b>				
1595	61	C	L/J	C	1605	72.21			C
<b>FOOD ADDITIVES</b> such as colourants, proteins, sweeteners, thickeners etc.					<b>MINIATURE BELLOWS</b>				
1596	61	C	L/J	C	1606	72.22			C
<b>MACHINES CREATING 'FILM MASTER'</b> labelling with bar codes.					<b>ACOUSTIC AND NOISE POLLUTION CONTROL SYSTEMS</b>				
1597	72.01			C	1607	72.23			C
<b>PLASTIC MATCH BOX</b>					<b>SPEED CONTROLLERS FOR AC MOTORS</b>				
1598	72.03			C	1608	72.35			C
<b>HIGH QUALITY MAGNET</b>					<b>MANUFACTURE OF GOLD JEWELLERY THROUGH COMPUTERISED MACHINES</b>				
					1609	72.38			C
					<b>MANUFACTURE OF VANILLIN POWDER</b>				
					1610	72.39			C
					<b>WS-A WASTE WATER SELECTOR</b>				
					1611	72.43			C
					<b>COMPACT FLUORESCENT LAMPS</b>				
					1612	72.44			C
					<b>HOUSEHOLD LAMPS</b>				

Ref No.	Org.No.	Status	Request	Source	Ref No.	Org.No.	Status	Request	Source
1613	72.45			C	1625	143		J	C
<b>MANUFACTURE OF TERRY TOWELS</b>					<b>PARTNERSHIP OPPORTUNITIES SOUGHT IN GEMSTONE-MINING, FRUIT AND VEGETABLE CANNING, FISHING AND AGRICULTURE</b> We seek financial cum technical assistance including equipment and machinery, on Joint Venture basis to start new small-scale projects on Gemstones-Mining, Fruit and Vegetable canning factory; Sisal-Products Factory; Fishing of marine-life products and Agriculture of various crops. The investors with any unharmed technology know-how are also invited to join us. Enough fertile lands, factory spaces, minesites, cheap labour, markets (local and overseas) and other favourable conditions are available.				
1614	72.49			C	1626	145	C	J	C
<b>CAST IRON ALLOY CHILLED CASTING</b>					<b>MICRO STEPPER MOTORS FOR INDUSTRIAL USAGE IN COMPUTERS</b> and their allied products, control/automation equipment etc. Capacity: 500,000 numbers per annum. Market: demand in 1996 is estimated to be 1200,000, present production 200,000. Raw materials: all raw materials available in India.				
1615	72.50			C	1627	145	C	J	C
<b>SODIUM HYPOCHLORITE</b>					<b>BORROSILICATE GLASS TUBINGS</b> for the lamps and glassware industry. Capacity: suitable. Market: good market.				
1616	72.52			C	1628	145	C	J	C
<b>COAL-BASED SPONGE IRON PLANT</b>					<b>OPHTHALMIC GLASS BLANKS</b> for spectacles for correcting vision. Capacity: 700 TPA. Market: total imports into India today stand at about 1400 to 1500 tonnes per annum. Raw materials: quartz, soda ash, calcium carbonate, potassium carbonate, barium, sodium nitrate etc. mostly available in Rajasthan/India.				
1617	72.53			C					
<b>COMPACT FLUORESCENT LAMP</b>									
1618	72.54			C					
<b>OLEO RESIN DISTILLATION</b>									
1619	72.55			C					
<b>PRODUCTION OF FILTER PAPER</b>									
1620	72.55			C					
<b>LABORATORY GLASSWARE</b>									
1621	72.58			C					
<b>PRODUCTION OF NARROW-MOUTH BOTTLES</b>									
1622	76								
<b>ANAEROBIC L.GESTION OF ORGANIC EFFLUENTS</b> by biological sludge treatment with Methane generation.									
1623	76								
<b>AIR POLLUTION CONTROL</b> including flue gas treatment and recovery.									
1624	76								
<b>WATER AND WASTE WATER TREATMENT</b>									

Ref No. Org.No. Status Request Source

1629 145 C J C  
**RUBBER CONDOMS AS PROPHYLACTICS**  
 Capacity: 145-200 million numbers. Market: demand in 1995 expected to be 1600 million numbers, present capacity around 1200 million numbers. Raw materials: natural rubber latex in India or could be imported from Malaysia. Would be interested in import of machines and technology, import of drawings only could also be considered.

1630 145 C J C  
**LEAD CRYSTAL GLASSWARE** Hollow wares, tableware, decorative articles etc. Capacity: 1800 TPA. Market: Demand in the Indian market is around Rs.100 Crores, good export potential. Would be interested in partial buy back of products. Raw materials: silica sand and crystal quartz, lead, arsenic, potassium carbonate, titanium dioxide etc. Available in India.

1631 145 C J C  
**MAINTENANCE FREE BATTERIES FOR COMPUTER INSTALLATIONS** Specifications: normal voltage 12 volts, normal capacity 35 amperé hours, ratings up to 10 KVA/50 minutes. Market: very good and growing market.

1632 145 C J C  
**PORCELAIN CROCKERY** Capacity: suitable. Market: good domestic and export market. All raw materials available in India, well skilled workmen available in India.

1633 145 C J C  
**MICROWAVE OVENS FOR DOMESTIC USE**  
 Capacity: 50,000 numbers per year. Market: demand likely to be 200,000 numbers by 1995 present production only about 25,000. Raw materials: all raw materials and components except magnetron available in India. Possibility could be explored for production of magnetron also.

Ref No. Org.No. Status Request Source

1634 145 C J C  
**ELECTHONIC WEIGHING MACHINES** for weighing various items. Capacity: 4000 to 5000 numbers per year. Market: estimated market in 1995 70,000 numbers.

1635 145 C J C  
**COMPACT FLUORESCENT LAMPS** Capacity: around 2.5 to 5.0 million numbers of CF lamps. Market: demand of all types of lamps estimated to be around 100 million numbers by 1994-95. Raw materials: glass tubes, filament, exhaust tube, lead in wire etc available in India.

1636 147 LJTD C  
**ELECTRONIC WEIGHING BALANCE** Know-how required for manufacture of force motor based analytical electronic weighing balance and load cell based weighing balance with resolution of more than 10,000 counts.

1637 154 C J C  
**POLYPROPYLENE ROPES** Know-how for establishing project for PP/HDPE ropes in India for 3-strand (hawser-laid) and 8-strand (braided) rope. EOU with overseas partner with / without financial participation, marketing tie-up and imports of equipment only where necessary marketing tie-up compulsory. Also know-how for metallic dies wanted.

1638 162 C E P  
**PLASTIC COMPONENTS** High-tech plastic parts for use in machinery, household electrical appliances etc.

1639 302 C J/D C  
**COPY MACHINE TONER** Party is interested in acquiring the technology of toner for plain paper copiers and laser printers of various brands.

- | Ref No.   | Org.No. | Status | Request | Source | Ref No.  | Org.No. | Status | Request | Source |
|---|---------|--------|---------|--------|--|---------|--------|---------|--------|
| 1640  | 304     | C      | D       | P      | 1647   | 320     | C      | L       | C      |
| <b>DOMESTIC APPLIANCES ELECTRONIC ITEMS</b> Party is interested in development of domestic appliances like water heater, washing machine, vacuum cleaner etc.   |         |        |         |        | <b>POWDER PAINTS</b> Technology of manufacture including equipment and raw materials.  |         |        |         |        |
| 1. Electrophoretic lacquers. 2. Powder paints. 3. Inhibitors and other chemicals used in oil and gas industry. 4. Metal recovery plants for recovery of precious metals e.g. gold, silver, nickel and copper. 5. Waste water treatment plants for treating effluents such as oils, cyanides, alkalis and acids. |         |        |         |        |  |         |        |         |        |
| 1641  | 304     | C      | L/D     | G      | 1648   | 321     | C      | L       | C      |
| <b>COPY MACHINE TONER</b> Toner, developing material of OA machine using electrophotographic.   |         |        |         |        | <b>MOTORISED HOUSEHOLD OR INDUSTRIAL ITEM</b> which has good utility value for the person or industry owning it. Driven motor to be AC motor above 1/4 HP up to 3/4 HP eg. machinery for diamond processing/airoler etc.   |         |        |         |        |
| 1642  | 306     | C      | E/D     | G      | 1649   | 329     | C      | L       | C      |
| <b>HEAT SHRINKABLE TUBE COMPOUND</b> is tabulate plastic material which shrinks radially. It is a UL-224, 105 Centigrade level. The compound is polyolefin type resin with a rated voltage of 600V and is high in heat resistance, weather resistance, chemical resistance and is self extinguishing.           |         |        |         |        | <b>KISAM PUM</b> Technology for producing aerosol spray using hydrocarbon propellant can also use and provide knowhow for other formulations.  |         |        |         |        |
| 1643  | 307     | C      | D       | C      | 1650   | 333     | P      | L       | C      |
| <b>PVC COMPOUND FOR HEAT SHRINKABLE TUBING</b> Party is interested in manufacture of PVC compound for shrinkable tubing.  |         |        |         |        | <b>CERAMIC COATED STEEL WELDED LANCING PIPES</b> high frequency welded out of HR or CRCA mild steel and ceramic coated on outer surface of pipe. Used in steel plants as essential part of blowing oxygen in steel melting buckets. Very low consumption and burning because of ceramic coat on surface. |         |        |         |        |
| 1644  | 309     | C      | E/D     | G      | 1651   | 336     | C      | L       | P      |
| <b>TONER FOR XEROX MACHINE</b> Toner, developing material of OA machine using electrophotographic.  |         |        |         |        | <b>INDUSTRIAL FURNACES FOR HEAT TREATMENT, FORGING, ROLLING</b> Technology for industrial furnaces for heat treatment, forging, rolling, etc. Ovens for baking, drying, curing etc. quench systems, washing systems etc.   |         |        |         |        |
| 1645  | 311     | F      | L       | C      |  |         |        |         |        |
| <b>RECIPROCATING PLUNGER TYPE PUMPS</b> Technology required for manufacture of reciprocating plunger type pumps suitable for high pressure applications required for use in the petroleum and chemical process industry.  |         |        |         |        |  |         |        |         |        |
| 1646  | 317     | C      | L       | P      |  |         |        |         |        |
| <b>PLASTIC PROCESSING MACHINES</b> Technology for manufacture of various plastic processing machines viz injection moulding, blow moulding, blown film plants, extruders and automatic packing machines.  |         |        |         |        |  |         |        |         |        |

Ref No.	Org.No.	Status	Request	Source	Ref No.	Org.No.	Status	Request	Source
1652	359	C	J	P	1661	572	C	L	C
<b>IMPULSE SEALING MACHINES</b> Party is interested in manufacture of different types of impulse sealing machines used for packing of thermoplastics pouches and packing of liquid.					<b>STEEL STRIPS</b> Plant, machinery and know-how for the manufacture of hot and cold steel strips including stainless steel strips.				
1653	359	C	K/E	P	1662	572	C	L	C
<b>POLYESTER ZIP FASTENER</b> Party is interested in turnkey operation for manufacture of polyester zip fasteners used for readymade garments.					<b>SEAMLESS EXTRUSION PIPES</b> Ferrous and non-ferrous (brass, copper) seamless extrusion pipes of various sizes.				
1654	360	C	D	P	1663	572	C	L	C
<b>ABRASIVE POWDER</b> Party is interested in development of abrasive powder used in mechanical and diamond processing industries.					<b>MICROMOTORS</b> Know-how for the manufacture of FHP or micromotors for audio equipment, washing machines etc.				
1655	360	C	D	P	1664	572	C	L	C
<b>CERAMIC PGA</b> Party interested in development of thread guides, used in mechanical engineering industries.					<b>SYNTHETIC GLYCERINE</b> Know-how, plant and machinery for the manufacture of synthetic glycerine.				
1656	476			C	1665	572	C	L	C
<b>PAPER RECYCLING AND PACKAGING</b> Paper recycling and its use in packaging and stationery manufacture.					<b>GAS PIPELINE EQUIPMENT</b> Industrial and domestic gas pipeline equipment like meters, valves, actuators, control system etc.				
1657	483	C	J/LL	C	1666	576	C	L	C
<b>LOAD CELLS</b>					<b>PACKAGING MACHINES</b> Packaging machines or allied to packaging machines, which can be manufactured in a precision manufacturing unit having machine shop, electroplating assembly and test facility. Already makes continuous ink jet printing machines.				
1658	483	C	J/L	C	1667	577	W	L	P
<b>ELECTRONIC WEIGHING MACHINES</b>					<b>GRINDING MACHINE</b> Working of plane knife grinding machine.				
1659	571	C	J/L	P	1668	580	P	J/L	C
<b>SECURITY FEATURE FOR LAMINATED PHOTO IDENTITY CARD</b> preferably printing of security feature on paper identity card by screen printing process.					<b>HIGH ALUMINA CEMENTS</b> for manufacture of high alumina cements - joint venture with technical know how, with technical and financial assistance and buy back. Infrastructure like land, power and water available.				
1660	572	C	L	C					
<b>PLASTIC BLENDS AND ALLOYS</b> Knowhow, plant and machinery for the manufacture of plastic blends and alloys for various end use applications.									



Ref No.	Org.No.	Status	Request	Source
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1669	582	C	D	P
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**CNC LATHES** Party is interested in manufacturing technology of CNC machines used in automobile industries and machine tool industries.

1670	583	C	D	C
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**THERMAL SENSITIVE VIZ FAX PAPERS** Party is interested in technology of thermal sensitive viz fax papers.

1671	583	C	D	C
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**COPY MACHINES TONER** Party is interested in manufacture of copy machine toner for plain paper copier machines.

1672	583	C	D	L
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**RESIN TO BE USED FOR PHOTOCOPIER TONER** Party is interested in manufacture of resin to be used for photocopier toner.

1673	585	C	D	P
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**HEAT SHRINKABLE TUBE COMPOUND** Party is interested in manufacture of heat shrinkable tube compound.

1674	588	C	D	P
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**DOMESTIC APPLIANCES** Party is interested in development of domestic appliances like washing machine, vacuum cleaner, water heater etc.

1675	590	C	D	P
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**INVERTORS FOR SPEED CONTROL OF 3 PHASE INDUCTION MOTORS** Party is interested in manufacture of invertors for controlling the speed of 3 phase AC induction motor which has wide application in electrical industries.

1676	592	C	D	C
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**DOMESTIC APPLIANCES/ELECTRONIC ITEMS** Party is interested in development of export market for electrical engineering goods which finds applications for domestic use.

Ref No.	Org.No.	Status	Request	Source
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1677	593	C	D	C
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**ELECTRONIC COMPONENTS INCLUDING MICROMOTORS** Party is interested for manufacture of electronic items specifically for DC micromotors both governed and stepper for audio, video equipment and office automation equipment.

1678	594	C	D	C
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**DOMESTIC APPLIANCES** Party is interested in manufacture of domestic appliances like water heater, washing machine, vacuum cleaner etc.

1679	595	C	D	P
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**DOMESTIC APPLIANCES** Party is interested in manufacturing of domestic appliances like water heater, washing machine, vacuum cleaner etc.

1680	596	C	D	C
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**PVC BATTERY SEPARATOR** Party is interested in manufacture of micro porous PVC battery separator used in domestic and electrical industries.

1681	597	C	D	P
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**NUMBER LOCKS FOR BRIEF CASES** Party is interested in manufacturing locks for brief case and suitcases.

1682	600	C	D	C
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**PTC HEATER AND HEAT SHRINKABLE COMPOUND** Party is interested in manufacture of PTC heater, heat shrinkable compound.

1683	602	C	D	C
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**HIGH VOLTAGE ISOLATORS** Party is interested in manufacture of high voltage isolators of 800kv - 440kv used in transformers in electrical engineering industries.

1684	602	C	D	C
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**HEAT SHRINKABLE TUBE COMPOUND** Party is interested in manufacture of heat shrinkable tube compound.

Ref No.	Org.No.	Status	Request	Source
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1685	603	C	D	P
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**CNC LATHES** Party is interested in technology transfer for manufacture of CNC lathes.

1686	604	C	D	C
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**EDDY CURRENT VARIABLE SPEED DRIVE SYSTEMS ABOVE 60 HP** Party is interested in technology transfer for manufacture of AC frequency drives. This technology is required for South Korea.

1687	605	C	D	C
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**HIGH VOLTAGE ISOLATORS** Party is interested in manufacture of high voltage isolators for transformers used in electrical engineering industries.

1688	606	C	D	P
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**MANUFACTURE OF TRANSFORMERS** Party is interested in manufacture of transformers and repair of transformers used in electrical engineering industries.

1689	609	C	D	P
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**RADIAL DRILLING MACHINE** Party is interested in manufacturing technology of radial drilling machine and all geared drilling machines which finds extensive use in machine shop, tool room etc.

1690	610	C	D	C
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**FOUNTAIN PEN NIBS** Party is interested in manufacture technology for fountain pen nibs which has huge requirement for students of schools, colleges and universities.

1691	612	C	D	C
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**FORM SEAL MACHINES** Party is interested in manufacturing machines for form seal, thermo forming machines and packaging machines.

Ref No.	Org.No.	Status	Request	Source
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1692	614	C	D	P
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**CURRENT AND POTENTIAL TRANSFORMERS UP TO 145 KV** Party is interested in manufacture of current and potential transformers up to 145 kv. Disconnectors of 400 kv and load break switches up to 36 kv which find extensive use in electrical engineering field.

1693	616	C	D	P
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**POLISHING ABRASIVES FOR GRANITE MARBLE AND STONE INDUSTRY** Party is interested in manufacture of polishing abrasives used for granite marble and stone industry.

1694	617	C	D	P
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**ELECTRICALLY OPERATED TROLLEY CRANES** Party is interested in manufacture of electrically operated trolley cranes used in heavy engineering industries for lifting and movement of heavy materials.

1695	619	C	D	C
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**TRANSFORMERS UP TO 10,000 KVA** Party is interested in manufacture of transformers up to 10,000 kva used in electrical industries.

1696	622	C	D	C
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**COLD FORMING OF COMPONENTS AND PARTS** Party is interested in manufacture of cold forming of components and parts used for engineering purposes.

1697	627	C	D	P
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**GLASS FUSES** Party is interested in manufacture of glass fuses used in electrical industries for power applications.

1698	631	C	D	C
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**AIR BREAK SWITCHES** Party is interested in manufacture of air break switches used in electrical engineering industries.

Ref No.	Org.No.	Status	Request	Source	Ref No.	Org.No.	Status	Request	Source
1699	632	C	D	C	1707	641	C	D	C
<b>INKS</b> Party is interested in manufacture of screen printing water based inks, offset inks, heat set inks, webb offset inks.					<b>BOX STRAPPER</b> Party is interested in manufacture of non-metallic box strapper like nylon and polyester used in the packaging industries for consumer durables.				
1700	634	C	D	C	1708	651	C	D	P
<b>C.N.C. LATHES</b> Party is interested in manufacturing technology for production of CNC machines which have a wide application in the automobile and machine tool industries.					<b>DESIGNS OF AGRICULTURAL IMPLEMENTS/EQUIPMENT</b> Party is interested in the technical know-how for production of designs of agricultural implements/equipments such as ploughs, tillers, planters, seeders etc.				
1701	635	C	D	P	1709	652	C	J/K	P
<b>C.N.C. MACHINES</b> Party is interested in manufacturing technology for CNC machines used in the automobile industries and machine tool industries.					<b>TOOL ROOM</b> Party is interested in setting up a tool room for the manufacture of tools, dies, jigs and fixtures.				
1702	636	C	D	C	1710	653	C	K	P
<b>C.N.C LATHES</b> Party is interested in manufacturing technology for CNC machine production for automobile and machine tool industries.					<b>POWER/PNEUMATIC PRESSES</b> Complete turnkey project for the manufacture of power/pneumatic presses up to 500 tons.				
1703	637	C	D	P	1711	654	C	D	P
<b>C.N.C. LATHES</b> Party is interested in manufacturing technology for production of CNC machines for automobile and machine tool industries.					<b>WATCH CASES</b> Party is interested to obtain latest technology on forging, machining and gold plating of watch cases.				
1704	638	C	D	P	1712	669	F	L/J	G
<b>PTC HEATER AND CNC LATHE</b> Party is interested in manufacturing technology for production of PTC heaters and CNC lathes used in electrical, automobile and machine tool industries.					<b>TECHNOLOGY FOR MANUFACTURING RUBBER PRODUCTS</b>				
1705	639	C	D	P	1713	682	E/T/D	P	
<b>HAND TOOLS</b> Party is interested in manufacture of hand tools used in automobile maintenance workshop, electrical maintenance and electronic assembly like radio, transistor, TV, VCR and VCP etc.					<b>SUITCASES AND BRIEFCASES</b> made from poly-propolyene raw material to be injection moulded and further assembled on aluminium frame by riveting fixing locks and accessories. We request for the suppliers of machinery, moulds and also manufacturers of suitcases who can supply certain parts and accessories.				
1706	640	C	D	C					
<b>ENERGY SAVING LAMPS</b> Party is interested in manufacture of energy saving lamps used in daily life and technology transfer of electronic ballast for fluorescent lamps.									

Ref No.	Org.No.	Status	Request	Source	Ref No.	Org.No.	Status	Request	Source
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1714	692	F	J	C					
<b>CIS/UK JOINT VENTURE TRADING COMPANY</b> Offices in Moscow - Ukraine - Dagestan requires offers from companies interested in supplying clothing, machinery, pharmaceuticals, food stuffs, food processing machinery. Outlets sought for raw materials from CIS raw cotton, steel, aluminium, fertilisers, chemicals etc.									

1715	694	U	D	P					
<b>TECHNOLOGY FOR MANUFACTURING OF HOUSEHOLD APPLIANCES</b> which includes pressure cookers, kettles, utensils. The product should be cost effective, sleek performance, higher energy saving and better performance.									

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**Org.No. 272**

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**Org.No. 275**

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**Org.No. 276**

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**Org.No. 277**

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Tlx: 0495 236, 586

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**Org.No. 279**

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SP - 75  
Ambattur Industrial Estate  
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**Org.No. 280**

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Shah Forged Rolls Pvt. Ltd  
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Wagle Industrial Estate  
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**Org.No. 291**

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**Org.No. 292**

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**Org.No. 296**

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**Org.No. 297**

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**Org.No. 298**

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**Org.No. 299**

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**Org.No. 302**

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Print Rite Copy Systems PVT. Ltd.  
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Balkons Print Industries (India)  
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Tlx: 41-6499

**Org.No. 305**

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Sara Udyog  
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Tel: 45-7369(R), 20 - 7992(O)

**Org.No. 306**

Director  
Shimo Resins Pvt. Ltd  
S-99 Midc Bhosar  
Pune 411 026  
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Tlx: 146-369 SHIV IN

**Org.No. 307**

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**Org.No. 308**

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**Org.No. 309**

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Florite Inks Pvt. Ltd  
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Hind Service Industrial Estate  
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Tel: 467704

**Org.No. 310**

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Inder Engineering Industries  
12 F Industrial Area  
Govindpura  
Bhopal  
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**Org.No. 311**

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Tlx: 0855 475

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Tlx: 031-76240 TCW IN

**Org.No. 316**

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Tlx: 855 360 TNAU IN

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**Org.No. 318**

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**Org.No. 319**

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Electronica Machine Tools Pvt. Ltd  
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Tlx: 0145 7432 EDM IN

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**Org.No. 323**

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**Org.No. 324**

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Tlx: 011-79471 LINK IN

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Tlx: 0442 204 PKR

**Org.No. 327**

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**Org.No. 328**

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**Org.No. 330**

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**Org.No. 331**

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M.R. Rai  
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Watrion Water and Filter Engineering Pvt.  
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**Org.No. 346**

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Chairman  
Alternative Fuel Pvt. Ltd  
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New Dehli 110 030  
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**Org.No. 347**

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Technocrats  
6HR, Ixmi Industrial Estate  
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**Org.No. 348**

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Jainson Cables  
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**Org.No. 360**

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**Org.No. 538**

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**Org.No. 541**

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Prestolite of India Ltd  
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Avon Industries  
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**Org.No. 548**

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F-Fibre Bangalore Pvt Ltd  
A-83 Industrial Estate  
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**Org.No. 549**

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Gansum Industries  
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**Org.No. 550**

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**Org.No. 586**

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A & W Associates Ltd	709	1508
Aashish Packwells Ltd	642	1443
AbaChem Engineering Ltd	74	461,542
Aban Constructions	370	1074
ABL Capacitors (India) Ltd	461	337
Academy of Mining and Metallurgy	45	725
Accord Innovations	149	194-197,550,822-824
Ace Tek Electricals (P) Ltd	27	130-132,707
AD - Western Switch Gear (India)	462	1153
Aeropres	329	1007,1649
Afco Indl & Chemical Ltd	207	841,842
Agason Motors Ltd	668	1283,1284
Agricultural Tractor Technology Development Ltd	695	1325
Agro Lorin SA	180	565,566
Ahuja General Industries	463	1154
Aidimpex Limited	156	1484
Ajanta Electric Industries	464	1155
Ajay Food Products	15	524,1458
Akra Ltd	35	133-135
All India Hand Tools Exporters Association	639	1705
Allen Bradley Controls Limited	460	336
Allied Engineering Company	7	697,1312
Alltex	371	1075
Alpha Electric & Engineering Co Ltd	321	999,1648
Alternative Fuel Pvt Ltd	346	507
Ametee Machine Tools Pvt Ltd	553	1208
Amines & Plasticizers Limited	151	198,199
Amsar Private Ltd	362	662
Ana Navaid's Ltd	524	1206
Analog & Digital Systems	209	209
Anand Water Meter Manufacturing Co Pvt Ltd	372	1076
Anchor Computer Systems Ltd	65	753
Andrew Yule & Co Ltd (Electrical Division)	465	1156
Anil Machine Tools	265	626-628
Anil Starch Products Limited	267	253,630
Ankur Energy and Development Alternative	247	487,488
APF Belliss India Limited	373	1077
Appropriate Technology Exchange (P) Ltd	344	652,1032
Arasan Fertilisers Pvt Ltd	72.24	1365
Arasan Fertilisers Private Limited	8	1510
Armatic Engineering Pvt Limited	374	1078
Arpee Natural Energy Systems	29	452-455,1339
Ashish Engineering Works	375	1079
Ashok Iron & Steel Fabricators	694	1715
Ashoka Alloy & Steel Pvt Ltd	376	1080
Ashoka Machine Tools Corporation	554	1209

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Asia Match Company Limited	328	1006
Asian Contains	334	1014
Asoka Glass Co (Pvt) Limited	72.54	1618
Assam Conductors & Tubers Ltd	466	1157
Associated Industrial Consultants (India)	270	883
Atre Visuals Pvt Ltd	649	354
Ausindia Pty Ltd	168	473
Auto Brush Industries	525	46
Auto Com Engineers	526	47
Auto Crafts	527	48
Autopack Machines Pvt Ltd	377	1081
Avee Industries	206	204-207,577
Avery - Weiller	175	560
Avon Industries	547	341
AVS Brake Linings Pvt Ltd	528	49
Axon Technology Ltd	46	726
AzNIPneft Institute	121	805
B.H.E.L.	222	484,853
Balaram Engineering Works	323	1001
Ballarpur Industries Ltd	217	844
Balmer Lawrie & Co Ltd	72.37	1373
Balsons Paint Industries (India)	303	1389
Beijing Dong Cheng Multi-Technique Institute	72.39	1610
Beijing Solar Energy Research Institute	84	462,463
BelNIPneft Institute	123	807-811
Best Pens (P) Ltd	610	1690
Bhangar Bros & Co Pvt Ltd	467	1158
Bhanu International	241	864
Bhanu International	312	990-992
Bharat Electronics Ltd	224	215-219
Bharat Heavy Electricals Ltd	253	873
Bharat Iron & Brass Foundry	378	1082
Bharat Magnetos	529	50
Bharat Precision Machine Tools	555	1210
Bhonia Industrial Corporation	72.31	1476
Bidco Studs Private Limited	379	1083
Bimetallic Bushings & Bearings	622	1696
Bio-Tek Laboratories	193	575
Biprokwas Engineering Ltd	10	124
Blen Technology Limited	690	82-84,359-362, 1288,1289
Bombay Coolers Pvt Ltd	600	1682
Bombay Engineering Industry	380	1084
Bonanzo Enterprises	381	1085
Bradma of India Ltd	576	1666
British Leather Confederation	689	115-118

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Organisation	Org.No.	Ref.Nos.
Broadway Muffler Manufacturing Co Ltd	4	1310,1311
Buckeye Machines Pvt Ltd	647	1231,1232
BVC Engineering & Marine Industries Pvt Ltd	636	1702
C-DOT	227	223
C.M.A.	670	1501
Calico Industrial Engineers	382	1086
Camlaw Limited	158	826
Canara Fasteners	383	42
Carboloy Tools Pvt Ltd	556	1211
Carbon Industries Pvt Ltd	468	1159
Ceat Limited	274	254,498
Cemundia Company Limited	384	1087
Central Asiatic Research Institute of Phytopathology	118	545
Central Building Research Institute	283	255,500-502,643, 893-929
Central Electrochemical Research Institute	287	259-264,945-948
Central Electronics Ltd	341	311,505,506
Central Electronics Engineering Research Institute	296	972
Central Food Technological Research Institute	233	104,582-610,855
Central Fuel Research Institute	240	226-229,485,863
Central Glass and Ceramic Research Institute	238	859-861
Central Laboratory of Concentrated Food Industry	675	689
Central Leather Research Institute	290	106-108
Central Machine Tools Institute, NC Centre, CA MWI	218	845
Central Mining Institute	70	756-759
Central Mining Research Station	293	965
Central Road Research Institute	289	35,959-962
Central Salt & Marine Chemicals Research Institute	291	644,963,964
Centre for Technology Alternatives for Rural Areas (CTARA)	263	495
Century Equipment Pvt Ltd	469	1160
Ceremo Enterprises	17	125
Champagne Cereales	191	573
Champagne Mais	190	572
Chanakya Management Services Pvt Ltd	72.30	1327
Chauhan Engineering Works	72.49	1614
Chawla Electrical Industries	470	1161
Cheil Foods & Chemicals Inc	655	681-686
Chelyabinsk Branch of VODGEO Research Institute	104	798
Chemical Complex Limited	581	1420
Chemical Construction International Pvt Ltd	385	667
Chemusynth	337	1017,1491
Chernigov Technological Institute	124	812
ChemomorNIIProekt Institute	125	813
Chernovtsy State University	101	171,172,543
Chhotanagpur Rope Works P.Ltd	154	1637
China Agricultural Machinery Corporation	85	464

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Organisation	Org.No.	Ref.Nos.
China National Centre for Traditional Chinese Medicine	88	783-786
China Wind Energy Technology Development Centre	86	465
Chiprack Electronic Systems Ltd	699	363
Cimotec	386	1088
Circar Paper Mills Limited	72.50	1615
City of Westminster College	139	451(b)
CLA Telelinks India Pvt Ltd	211	31
Clutch Auto Limited	530	51
CMC Limited	261	881
Co-operation for Development International	52	733
Cochin Exports Pvt Ltd	592	1676
College of Agricultural Engineering	316	995,1488
Combustion Power Company, Inc	75	760
Computer Vision	301	298-300
Connectwell	471	1162
Controls & Drives Corporation	472	1163
Cosmo Ferrites Limited	228	224
Crackatack Glass Repair Systems	64	3
Crafts de Fluorescent	473	1164
CRB Capital Markets Ltd	72.38	1609
Creation Marketing Pvt Ltd	613	1435
Creative Manufacturers	637	1703
CSIR Centre for Biochemicals	292	279
DM Investments C T & U (T) Ltd	2	121,1335,1456
Daewoo Heavy Industries Ltd	657	73-79,355,1269-1272
Dahanu Industrial Works	387	668
DalNIPTIMESK Institute, Department of Agricultural Machines	117	544
Dandekar Brothers Engineers & Founders	577	1667
Data Engineering	474	1165
Defence Research and Development Organization	246	248
Denisons Cables	531	52
Department of Farm Machinery	231	579
Development Alternatives	239	862
Devidayal (Sons) Pvt Ltd	205	203
Digitek	72.23	1607
Diptech (UK) Ltd	676	1285
Dolpa Distillery and Fruit Processing Unit	72.02	1468
Duckyang Inc	656	72
Dulas Engineering	196	475-478
Dust Control and Ventilation Pvt Ltd	388	1089
Eco-Systems Ltd	667	512,513
Econo Valves Private Limited	389	1090
Elektrischen Power Gears Pvt Ltd	478	1167
Electra (India) Limited	475	1166
Electro Serve	587	1423



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Organisation	Org.No.	Ref.Nos.
Electro Technics Ltd	390	1091
Electrochnik	626	1441
Electronic	638	1704
Electronica Machine Tools Pvt. Ltd	319	997,1399
Electronics Instrumentation Co	627	1697
Electronics Trade & Technology Development Corporation Ltd	243	234-242,866,867
Elektramerik Systems Pvt Ltd	557	345
Elektrolites	614	1692
Elgi Equipment Limited	219	846
Elgi Tyre and Tread Ltd	314	38
Elmech Industries	479	1168
Elmech International Ltd	633	1224
Elmex Controls Pvt Ltd	480	1169
Elna Sewing Machine Centres	30	709
EM Electronix Pvt Limited	481	338
EMA India Limited	482	1170
Encardio-Rite Electronics Pvt Ltd	483	1171,1657,1658
Encon Furnaces Pvt Ltd	484	1172
Energetics Research & Manufacturing Corporation	214	32
Engineering University	96	166
Enterprise Plymouth Ltd	55	148,735-737,1340
Environmental Protection Research Foundation	271	496
Enzo Chem Laboratories Pvt Ltd	234	611
Epic Pvt Ltd	611	1434
Eric L Fenton & Co	199	200
Euromill	187	570
Eve Agro Food Products (P) Ltd	3	1457
Exotherm Pvt Ltd	485	1173
F-Fibre Bangalore Pvt Ltd	548	1207
Faculty of Physics and Nuclear Techniques	39	144
Far-East State Sea Academy	107	175
Faridabad Forging Pvt Ltd	532	53
Farm Machinery & Equipment Co	623	1496
Fel International	170	555
Fermier Industries	391	1092
Ferro Steel Metallica Works	392	1093
Ferrodie Limited	558	346
Fibre Pipes India Limited	393	1094
Fikayas Engineering Pvt Ltd	394	335
Filclair SA	176	561
Filtronics	226	854
First Industries	682	1713
Fixoclips	335	1015
Fixophotos	571	1659
Flakt India Limited	72.22	1606

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Organisation	Org.No.	Ref.Nos.
Flamungo Agencies	186	835
Florite Inks Pvt Ltd	309	1644
Fluid Dynamics Pvt Ltd	254	874
Fluidyne Engineers (India) Pvt Ltd	72.21	1605
Food Processing Enterprise	72.56	1479
France Emballage	169	554
France Horticulture	173	558
Function Telecommunications Pvt Ltd	72.11	1600
G B M Agencies Private Ltd	486	1174
G K Electrnals	605	1687
Galaxy Electronics Inc	598	1428,1454
Ganapathy Eng Pvt Ltd	631	1698
Ganus Engineering Co Ltd	688	1287
Garg Furnace Limited	395	1095
Gautam Industries	549	342
Gears and Pinions Pvt Ltd	533	54
General Engineering Industries	487	1175
Genes Diffusion	179	564
Geo W King Limited	706	86
Geomatic Tools Private Limited	559	1212
Ghandi Industrial Corporation	307	1643
Ghatge Precision Engineering Pvt Ltd	591	1453
Glass Plant Construction Co	650	1268
Global Enterprise	550	343
Golden Engineering Industries	396	1096
Gowsucha Machine Tools	560	1213
Graham Industries	561	1214
Grain Equipment French Export Group	171	556
Grauer & Well (India) Limited	320	998,1647
Griffith Elder & Co Ltd	24	128
Grown Brand Tea (U) Limited	672	688,1502
GT Exhausts (NI) Ltd	140	26
Guangzhou Water Treatment Technique Development Co	81	777,778
Gujarat Aluminium Extrusion Pvt Ltd	397	1097
Gupta Rubber Industries	308	1394
Hai Phong Pharmaceutical United Factory	72.61	1383
Hai Phong Feather Export Enterprise	72.57	1480
Handong Machinery Industry Ltd	659	687
Hanisento Chemicals	72.33	1370
Hard Oil	645	70
Harmen Manufacturing Co Ltd	488	1176
Heat Systems	72.51	1478
Heat Systems	249	490
Hebenkraft	617	1694
Hetz Alsacon Industries	32	710
Hercules Horsts Limited	398	1098

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Hexaloc Forgings	368	1072
Hifab Engineers Pvt Ltd	399	1099
Himmat Steel Foundry Ltd	400	1100
Hind High Vacuum	401	1101
Hindustan Hydraulics Pvt Ltd	402	43
Hindustan Lamps	72.43	1611
Hindustan Metal Caps	489	45
Hindustan Polymers	277	886
HMT (International) Limited	338	649,650,1018-1029
Hotel Mermaids Village	72.09	1472
Hyundai Paint R & D Ltd	663	1278-1280
I T Power Ltd	200	481,482
I2T (Institut de Technologie Tropicale)	57	457-459,529-539
IAEC Boilers Pvt Ltd	403	1102
ICBMB as	178	563
ICT	61	149,150,540,743-751, 1313-1315,1341-1354, 1446,1447,1448-1466, 1520-1596
IDEFOR DPL	58	739
Imagineers	248	489
Indage Plants & Equipment Pvt Ltd	404	1103
Indcoil Manufacturing Co	490	1177
Indcon Polymec Ltd	405	1164
Indcon Polymech Limited	72.08	1471
Inder Engineering Industries	310	1395
India Meters Ltd	491	1178
India Tele-Comp Ltd	212	211
Indian Core Oils Pvt Ltd	358	1067-1069
Indian Institute of Technology	297	292-297,646,973-980
Indian Institute of Petroleum	294	36,280-290,645, 966-970
Indian Link Chain Manufacturers Limited	324	1002
Indian Space Research Organization	244	243-246
Indian Sugar Mills Association	220	578
Indo Overseas Transtechnologists	578	1418
Indra Aluminium Products Pvt Ltd	492	1179
Indra Udyog	322	304,1000
Industrial Boilers Ltd	251	492
Industrial Ceramics	18	126
Industrial Electronic Products	493	1180
Industrial Engineering Corporation	406	1105
Industrial Processors & Metallizers Pvt Ltd	629	1323
Informix India	72.40	1374
InfraMarket	148	821
Inrays	318	302,303,1396-1398

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Organisation	Org.No.	Ref.Nos.
Institute for Glass and Ceramics	36	715-721
Institute of Petrochemistry of Heilongjiang Acad of Science	83	157
Institute of Microbial Technology	286	256-258,944
Institute of Speed Control & Energy Saving.	90	788,789
Institute of Physical Engineering	120	188
Instrumenti d.o.o.	183	831-833
Integrated Process Automation	494	1181
International Trading 2000	166	828,829
Intwel Technologies Ltd	147	1636
Involute Engineers & Industries	597	1321,1427,1681
IPKIK Institute, Ukrainian Academy of Sciences	127	189
IPS (T) Ltd	697	1507
Iranian Research Organization for Science & Technology	72 19	1474
IRO AB	678	1286
IRstroy Kiev Integration Centre	136	819
J M A Industries Ltd	535	56
J Mangsun & Co	534	55
J N Marshall Pvt Ltd	407	1106
J O Lugg & Son Ltd	194	474,836
J Mangsun & Company	331	307,1009
Jafferjee Brothers	72 34	1371,1450
Jain Industries	608	1432,1433
Jainson Cables	348	313,1407
Janata Machine Tools Ltd	152	1319
Jodhpur Machine Tools	616	1693
Johnson & Phillips (Pak) Ltd	72 25	1449
Johnson Electric Company	495	1182
K B Hydraulic Engineering Works	408	1107
K S Seetharamiah & Sons Ltd	409	1108
K-Streetlite Electric Corporation	496	1183
Kabardino-Balkarsk Agrarian Institute	137	192
Kalamagal Alloy Steels (?) Ltd	72 18	1604
Kalindi Bright Steels & Tubes Limited	352	1043
Kalp-Taru Enterprises (Lucknow)	317	647,996,1489,1646
Kalp-Taru Enterprises (Bombay)	70	491
Kalpak Engineers	252	493
Kalyan Electronics	497	1184
Karna Polytechnical Institute	100	796
Kanojar Electricals Pvt Ltd	498	1185
Karm Home Appliances Pvt Ltd	594	1678
Karnataka Chemsyn Limited	72 46	1377
Karnataka Iron Works	410	669
Karnataka Lamps	72 44	1612
Kartik Raja Exports	72 45	1613
Kashyap Engineering & Metallurgicals Ltd	411	1109
Kazan State University	128	190

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Organisation	Org.No.	Ref.Nos.
Keele University	38	137-143
Kelleys Engineering Works	412	1110
Keming Tools Company Ltd	563	1216
Keyessar Industries	72.15	1602
Khanh Hoi Glass Factory	72.58	1621
Kharkov Institute of Motor Road Engineering	122	806
Khem Chand Hira Chand	607	1431
Kirloskar Brothers	367	1071
Kishor Pumps Pvt Ltd	413	1111
Klas Engineering Pvt Ltd	414	1112
Kohinoor Rolling Shutters and Engineering Works	415	1113
Konarak Industr,	416	1114
Krasnoyarsk Agrarian University	126	814
Krish Kal Enterprises	500	1186
Krishna Corporation (BOM) Pvt Ltd	12	699
Krist Engineering & Manufacturing Corporation	313	301,993
KRM International Pvt Ltd	72.28	1326
Kuban State University	138	549
Kuick Fasteners	417	1115
Kursk Polytechnical Institute	175	799
Kyes Industries	501	1187
La Prencz Industries (Private) Ltd	536	57
Lab-Craft Ltd	49	456,729
Labaronne - Citaf	181	830
Lakpa Footwear (Pvt) Ltd	72.60	1330
Laxmi Hydraulics Pvt Ltd	418	1116
Leather Research Institute	33	95-98
Lectrotek	502	1188
Leder - Tech	673	1332
Leicester School of Footwear	683	114
Lidco Limited	707	691
Life Pharmaceuticals Pvt Ltd	615	1436
Liners India	537	58
Lisma Production Association	98	168,795
Litex Electricals Pvt Ltd	503	1189
Logic Controls Pvt Ltd	504	1190
Lomar Associates	182	27,567
Luthra Engineering Works	569	1222
Mahindra Stiller Auto Trucks Ltd	420	1118
Malawi Industrial Research and Technology Dev. Centre	669	1324,1331,1499,1500, 1712
Malde Capacitors Manufacturing Co	505	1191
Malteurop	192	574
Management Consulting Company 'Alliance'	6	1509
Manapoule Machineries Pvt Ltd	612	1691
Mandan Engineering Tools & Products	419	1117

## ALPHABETICAL LIST OF ORGANISATIONS

Organisation	Org.No.	Ref.Nos.
Mang'la Mechanical and Machine Tools Co Ltd	698	85,690
Manx Wind Energy Services	159	470,471
Marathe Engineering Industries	590	1425,1426,1675
Marecon Ltd	570	1223
Margarine Co	14	521-523
Mariupol Metallurgical Institute	114	184
Markham and Company Ltd	201	483,839
Marlec Engineering Co Ltd	197	479,480
Material Handling Engineering Pvt Ltd	421	1119
Mechanical Engineering Research & Development Organisation	330	648,1008
Mechatronics	538	59
Mechelonic Welders Pvt Ltd	422	1120
Medical Systems International Pty Ltd	71	151
Meltron Semiconductors Limited	213	212,213
Memon Pistons Pvt Ltd	539	60
Metal Forming Institute	34	711-714
Metal Tubes Pvt. Ltd	333	1010-1013,1650
Metoxide Singapore Pte Ltd	579	1419
MHi Cables & Conductors Ltd	602	1683,1684
Micro Alloys and Castings	423	44
Micro Optical & Allied Abrasives	230	33
Micropack Limited	506	1192
Mikrodatchik Association	116	186,187
Milmer Oftho Industries	625	1440
Mining Institute, Kola Scientific Centre,	115	185,800-804
Mining Mechanization Centre Komag	40	145,146
Ministry of Heavy Industry	72 03	1598
Mirsh-Mirex Limited	424	1121
Modern Malleable Casting Works	425	1122
Modern Tool Manufacturers	609	1689
Mohsin Yunus Electronics	162	1638
MOI Engineering Ltd	31	527,528
Monotype India Ltd	426	1123
Moscow Institute of Physical Engineering	102	173
Moscow State Academy of Automobile and Tractor Machine Building	188	28-30
Mosus Moda Agency	165	103
Multi-Max Engineering Works	11	698
Multi Overseas (I) Private Ltd	696	1445
Music Nest	208	208
Mwai Company	143	1625
Mysore Alloys Pvt Ltd	427	1124
N C Machinery Pvt Ltd	215	843
N S P Papers Pvt Ltd	685	1503
Nagaa Enterprises Pvt Ltd	72 16	1360-1363

## ALPHABETICAL LIST OF ORGANISATIONS

Organisation	Org.No.	Ref.Nos.
Nairobi Budget Industries	693	1505,1506
Nanchang Huaxing Diesel Economizer Factory	91	790
Nathan Steel Pvt Limited	428	1125
National Brass Engineering Foundry	568	1221
National Chemical Laboratory	295	291,971
National Metallurgical Laboratory	255	494,875-877
National Physical Laboratory	288	265-278,949-958
National Research Development Corporation	202	576,840
National Research Development Corporation	268	631-639
National Research Development Corporation	258	249,623,624
National Research Development Corporation (NRDC)	278	641,642,887,888
National Research Development Corporation (CERI)	260	251
National Research Development Corporation (CSIO)	264	252
National Research Development Corporation (ERDE)	259	250
National Research Development Corporation (CFTRI)	266	629
National Research Development Corporation (HSEDC)	242	230-233,486,865
National Small Industries Corporation Ltd	284	105,930-942
Navair International Ltd	77	152,153,761,762
Neil R Wilkins	198	838
Nestler Boiler Pvt Ltd	429	1126
New Metals Manufacturing Company	458	1152
Nexo Display Systems Limited	54	734
NGEF Limited	221	847-852
NIIM and PM Institute, Rostov-on-Don State University	113	183
Niko Co Ltd	47	727
NIMTECH	643	69,347,348,674-677, 1225-1228
Northern India Flour Mills Corporation	459	672
Northern Uganda Manufacturers Association	185	569
Novotec Research Limited	50	730,731
NPO Nunitavprom	79	5-23,763-776
Nymould Private Ltd	551	68
Octrahedron Superabrasive Company	53	1519
Odessa Institute of Low Temperature Engineering and Power	97	167,794
Odessa Polytechnical Institute	106	174
Omsk Agricultural Institute	130	815
Omsk Institute of Railway Transport Engineering	99	24,169,170
Oriental Industry Co Ltd	660	1274
Oriental Metal Pressing Works Pvt Ltd	450	1146
Oriental Science Apparatus Workshops	573	1413
Orion Chemicals	26	129
Overseas Engineers	651	1497,1498,1708
Oxide (India) Pvt Ltd	586	1422
P M S Industries	72,36	1372
P. Kandaswami	273	884
Pace Chem & Consultants sprl	646	349

## ALPHABETICAL LIST OF ORGANISATIONS

Organisation	Org.No.	Ref.Nos.
Pacific Corporation	665	1281
Packages Ltd	20	703
PACON Ltd	80	154,155
Pandian Chemicals Ltd	574	1414
Paper Board Machinery Co	430	1127
Parishudh Sadhan Yantra Pvt Ltd	567	1220
Park Products Ltd	680	81
Parry People Movers Ltd	679	80
Patel Digitation Pvt Ltd	229	225
Patheja Forgings & Auto-Parts Manufacturers Limited	67	754
Patidar Polymers Pvt Ltd	641	1707
Pawan Agrico	68	755
Pen Workers	281	891
Peninsula Milling Company Private Limited	72.27	1475
Penwalt Indis Limited	364	664
Perlav SA De CV - Instituto de Geofisica, Unam	700	364
Permal Wallage Ltd	431	1128
Permanent Magnets Ltd	507	1193
Pierre Guerin	174	559
Pinkcity Electronics Pvt Ltd	5	1336
Plastic Processors	552	344
Plastic Welding Developments Ltd	157	825
Polychem Limited	332	308,1404
Polyolefins Industries Limited	262	625,882
Poshan Agro-Vet	350	653
Pot-Pac Food Machinery	66	541
Prabha Engineering Pvt Ltd	432	1129
Praj Engineering Pvt Ltd	433	1130
Prakash Enterprises	359	1070,1492,1652,1653
Prav Electrosark Pvt Ltd	566	1219
Precision Nuts	540	61
Precision Transformers Pvt Ltd	619	1695
Presswel Industries	434	1131
Prestige Industrial Stampings Pvt Ltd	435	1132
Prestolite of India Ltd	541	62
Print Rite Copy Systems PVT Ltd	302	1639
Priya Chemicals	325	305,306,1400-1403, 1490
Priya Foods	269	640
Product First Limited	195	837
Productivity & Systems	589	1424
Progressive Tools & Components Pvt Ltd	634	1700
Project & Industrial Consultant	708	692,1293
Promove-Com Exterior Ltda	184	568,834
Prototype Development and Training Centre (Howrah)	356	1058-1062
Prototype Development and Training Centre (Hyderabad)	355	40,41,1055-1057



## ALPHABETICAL LIST OF ORGANISATIONS

Organisation	Org.No.	Ref.Nos.
Prototype Development and Training Centre (Ochla)	357	660,1063-1066
Prototype Development and Training Centre (New Delhi)	298	503,981
Prototype Development and Training Centre (Madras)	300	109-112,987,988
Protypyc Development and Training Centre (Rajkot)	299	37,504,982-986
Proven Engineering Products Ltd	142	466
Proven Windturbines	161	472
Public Safety Equipment (UK) Ltd	62	752
Punjab Wireless Systems Ltd	225	220-222
Pushram Chemicals Pvt Ltd	630	1442
R C Industries (India)	508	1194
R Kumar Agrawal & Co	72.32	1477
R S Goel & Sons	595	1679
Radamec Micro Systems	705	368
Rahman Chemicals Ltd	155	1483
Raj and Company	363	663
Raj Prakash Chemicals Ltd	203	201
Rajasthan Industrial Investment Corporation Limited 1388,1452,1626-1635	145	1318,1384-
Rajputana Metal Works	606	1688
Ramachandran Associates	237	616
Ramak Industries Ltd	69	1467
Ramalakshmana Dying and Printing	342	1030
Rankay Hydro Equipments Ltd	72.26	1366-1368
Raptakos, Brett & Co	361	661
Reava Engineering Industries Pvt Ltd	436	1133
Recon Machine Tools Limited	369	1073
Regional Research Laboratory, Trivandrum	245	34,247,617-622, 868-872,1487
Regis (UK) Ltd	63	2
Renewable Energy Enquiries Bureau	711	696
Reprographics India	583	1670-1672
Research Institute of Food Biotechnology	129	548
Research Institute	167	553,1486
Reunion Engineering Co Pvt Ltd	509	1195
Reyrolle Burn Limited	510	1196
Rising Corporation	72.05	1469
Rockweld Electrodes India Limited	511	1197
Rood Technology UK Ltd	704	366,367
Roy Tinker	23	705
RTC North Ltd	144	1481b
Rushie Micro Spheres	72.17	1603
S J I C	177	562
S B Trading	73	4
S K Paper Machines Pvt Ltd	437	1134
S Subbarao & Associates Pvt Ltd	72.10	1448
Sabarri Structurals	635	1701

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Organisation	Org.No.	Ref.Nos.
Sabo Consulatants	285	943
Sadhana Industries	438	1135
Sai Jewellery	72.35	1608
Samsung Display Devices Ltd	664	357,358
Samsung Engineering Ltd	658	356,1273
Sanjiv Marathe	339	651
Sansom UK Ltd	703	1292
Saptagiri Mines & Minerals Pvt Ltd	72.29	1369
Sara Udyuog	305	1390,1391
Saratov Polytechnical Institute	110	179,180
Saro Agri Equipment Ltd	687	1504
Saroj Enterprises	582	1669
Saurashtra Tin & Metal Industries	652	1709
Savadia International	599	1429
Savla Technical Services	585	1673
Savloy Electronics	588	1674
Scalab (Ind) Pvt Ltd	439	508
Scientific and Technological Developmental Corporation of Pakistan	72.55	1379-1382,1451,1619,1620
Seohung Industrial Co Ltd	662	1276,1277
Servo Drives Pvt Ltd	604	1686
SevGNIC-geologiya Research Centre	103	797
Shah Forged Rolls Pvt. Ltd	280	890
Shanghai Institute of Industrial Microbiology	82	156,779,780
Shanghai Vacuum Flasks and Vessel Corp	92	791
Shapewel Forge Industries	440	1136
Sharp Tools	603	1685
Sharvani Pharmaceuticals Ltd	72.47	1378
Shiballoy Multiflex Pvt Ltd	56	738
Shimo Resins Pvt Ltd	306	1392,1393,1642
Shipchandier & Co	164	551,552
Shivashankar Engineering Company	276	499
Shivashankar Engineering Co Pvt Ltd	60	460
Shree Engineers	441	1137
Shree Vishnu Enterprises	351	1042
Shriram Institute for Industrial Research	648	71,350-353,511,679,680,1233-1267
Shyam Computer Systems Pvt Ltd	210	210
Siberian Branch of Russian Academy of Sciences	95	793
Sil-Kee Electronics Private Limited	72.12	1601
Simons and Martin Machinery Mfs (India) Ltd	542	63
Solar Products International Ltd	150	469
Solar Sciences Consultancy Pvt. Ltd	272	497
Solarex Corporation	681	516
Solid State Systems Private Limited	72.42	1376

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Organisation	Org.No.	Ref.Nos.
Sonar Sales & Service Pvt Ltd	593	1677
Sonu Enterprises	624	1439
Southern Ferro Ltd	72.52	1616
Spellbound Industries	76	1622-1624
Sri Indrani Enterprises	512	1198
Sri Lanka Cashew Corporation	72.13	1473
Sri Ram Products	326	1003
Ssangyong Cement Industrial Co Ltd	661	1275
Staklomat	59	740-742
Stan Enterprises Ltd	692	1333,1714
Steel Cast Bhavnagar Pvt Ltd	442	1138
Steel Krafts	444	1140
Sterling Tools Pvt Ltd	443	1139
Structural Adhesives Limited	701	119,120,1290,1291
Subhash Systems Pvt Ltd	445	1141
Sun Electronics	282	892
Sunglo India Pvt Ltd	632	1699
Sunilchandra Vaghji Shah	1	1334
Supama Chemicals Private Ltd	575	1415-1417
Super Seats Private Ltd	543	64
Super Steel Manufacturing Company Pvt Ltd	601	1430
Surya Vijay Chemicals Ltd	580	1668
Sustainable Engine Systems (SES) Ltd	691	518,519
Swastik Metal Industries	653	1710
Swathy Chemicals Ltd	275	885
Swirl Flow Process Systems	365	665
Swiss Centre for Devmt Coopn in Tech & Management	686	517
Synergy Emulsifuels Private Limited	51	1,732
Synergy Technologies	19	127,1459,1511-1515
Synthetics & Chemicals Ltd	204	202
T Dan Tai Software Development Ltd	702	365
Tag Corporation	514	1199
Tambov Institute of Chemical Engineering Industry	109	176-178
Tamil Nadu Small Industries Corporation Ltd	446	1142
Tamil Nadu Industrial Development Corporation Ltd	72.14	1355-1359
Tech-Know Consultants	236	614,615,858
Technical Glass Ceramics	360	334,1408,1409,1654, 1655
Techno Electric and Engineering Co Ltd	447	1143
Techno Links	544	65
Technocrats	347	312,1041
Technopack Engineering Co	448	1144
Teecee General industries Pvt Ltd	449	1145
Teflets Otomotiv Tic Ltd	78	1317
Telephone Industries of Pakistan	684	1444
Textile Academy of Ministry of Textile Industry PRC	87	158,159,781,782

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Organisation	Org.No.	Ref.Nos.
The Anil Starch Product Ltd	232	580,581
The Association of Equipment Manu for Fruit & Vegetable Processing	172	557
The Bharat Battery Manufacturing Co Pvt Ltd	545	66
The Gurdy Machine Tools Private Limited	562	1215
The Intellectuals	16	525
The Miniature Bulb Industries (India) Pvt Ltd	515	1200
The Mysore Electrical Industries Ltd	516	1201
The Norquest Company	28	708
The Norquest Company	343	1031
The Premier Automobiles Ltd	256	878,879
The Technology Exchange Ltd 451,520,693-695,1294-1309	710	87,94,369-
Thermal Transfer Products	517	1202
Tikoe & Co	654	1711
Tinytech Plants Pvt Ltd	235	612,613,856,857
Titan Engineering Company Private Limited	327	1004,1005
Tomsk Inst of Automatic Control Systems & Radioelectronics	112	182
Trackparts of India Ltd	572	1320,1410-1412,1494, 1660-1665
Trama Tecnoambiental	674	514
Trans Elektrik Components	518	1203
Transera Systems Private Ltd	671	1455
Treasure Tech Electronics Pvt Ltd	618	1437
Trewhella Bros (UK) Ltd	160	827
Tribhuan Enterprises	519	1204
Tribology India Limited	349	39
Triumph Builders Co Ltd	21	704
Triveni Structuralis Ltd	223	214
Troika Processing Pvt Ltd	451	670
Tropical Foods International	22	526
Tselinograd Institute of Construction Engineering	133	817
Ukrainian Research Institute of Plant Protection	119	546,547
Ultraline Instruments Pvt Ltd	72 20	1364
Ultramatix	520	339
Union Tractor Workshop	315	994
United Technology Engineers Pvt Ltd	354	113,323-333,654-659, 1045-1054
Universal Industries Ltd	476	1493,1656
University of Mining and Metallurgy	43	147
University of Mining and Metallurgy	42	723
University of Mining and Metallurgy in Cracow	13	700-702
University of Bundeswehr	677	515
University of Mining and Metallurgy	41	722
University of Mining and Metallurgy	44	724

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Organisation	Org.No.	Ref.Nos.
Uptron Powertronics Limited	521	509
Urja	336	1016,1651
Usha Ismal Ltd	452	1147
V.K. Pump Industries PVT Ltd	311	989,1645
VA Mech Seals	454	1148
Vaccuflow Industries	453	671
Vacpac Services (Bd) Ltd	72.59	1329
Vaidya Tool Room Pvt Limited	340	309,310,1405,1406
Veld Products (Botswana) Pty Ltd	153	1482
Venkateshwara Stainless Steel & Wire Industries	455	1149
Ventress Technical Services Ltd	37	136
Venture Network Limited	644	510,678,1229,1230
Venus Services (Equip) Pvt Ltd	584	1421
VI Office Equipment PVT. Ltd	304	1640,1641
Victor Industrial Centre	25	706,1337-1338, 1516-1518
Vijay Energy Products Pvt. Ltd	279	889
Vijay Enterprises	564	1217
Vikas Forgings Pvt Ltd	628	1322
Vikram Sarabhai Space Centre	353	314-322,1044
Visina Sales Pvt Ltd	596	1680
Visvam India (Steel)	565	1218
VNIGIK	135	191
VNIImetiz Insitute	131	25
VNIIMOZH Research and Production Association	134	818
VNIIsroipolimer Leasing Plant	132	816
Voltas Limited	522	1205
Voronezh State University	111	181
VS NIIFTRI Research Institute	94	165
W O T S Trading Ltd	141	193,820
Walpha Engineering	546	67
Watson Water and Filter Engineering Pvt Ltd	345	1040
Welcast Steels Ltd	456	1150
Weldcraft Private Ltd	257	880
Western Foods Ltd	620	1495
Western Goa Confectionery	366	666
Westhove	189	571
Wind Energy Group Ltd	146	467,468
Xuanwu Hospital, Capital Institute of Medicine	89	787
Yantra Electronic & Electrical (India) Pvt Ltd	640	1706
Yantra Electronics & Electricals (I) Pvt Ltd	72.53	1617
Yentiyes Match Industries	72.01	1597
Yuzhny Mashinostroitelny Zavod Production Association	93	160-164,792
Z G Equipments Pvt Ltd	457	1151
Zaktady Elektronowe Lamina	9	122,123
Zenith Computers Ltd	523	340
Zinco Chemical Industries	621	1438