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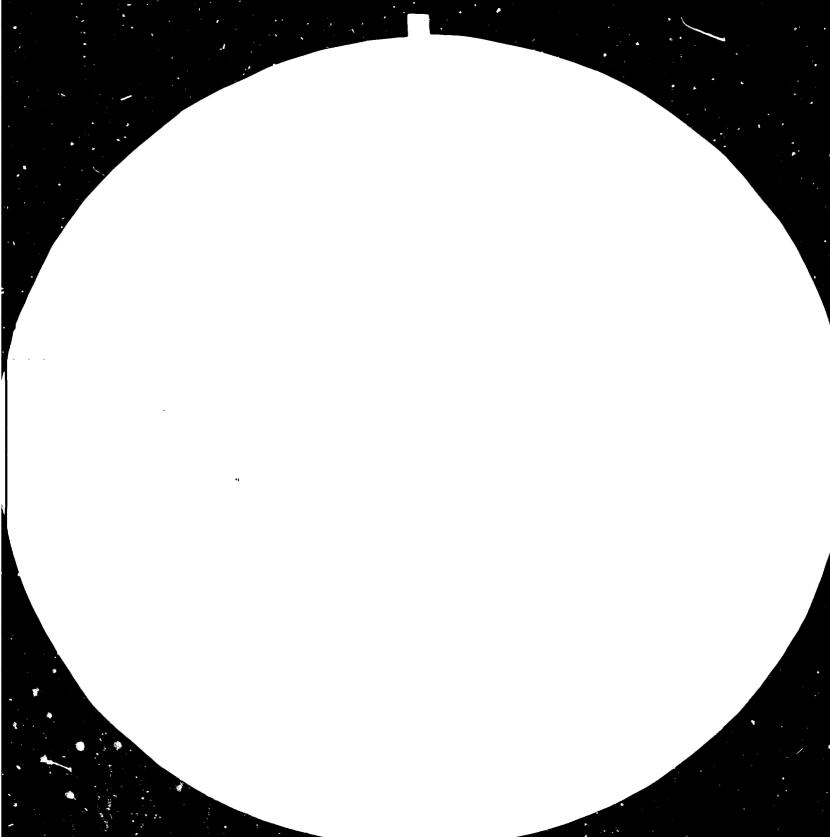
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13993

UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION Distr. LIMITED

UNIDO/IS.483 6 September 1984 ENGLISH

Expert Group Meeting on Registry Information Systems

9 - 11 May 1984, Vienna, Austria

REPORT \* (Meeting on Registry Information Systems).

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V.84-90852

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#### INTRODUCTION

1. The Expert Group Meeting on Technology Transfer Registry Information Systems was held in Vienna, Austria from 9-11 May 1984. The purpose of the meeting was:

- to review the issues and problems of the establishment, strengthening and expansion of registry information systems within the context of the harmonization of such systems to facilitate information exchange;
- to identify constraints and potentials of the computerization of registry information systems and to prepare a framework for action to ensure that the computerization at the national level will facilitate and not inhibit the information exchange;
- to review the concept of TIES and to recommend a framework for action which will result in greater flexibility and simplification as well as allow for a participation of more countries;
- to review the information facilities at UNIDO headquarters and to recommend any modification which may allow for a more flexible utilization of the TIES system.

#### RECOMMENDATIONS

2. The meeting recommended that all national information systems on technology transfer contracts, either manual or computer based, should regard a contract card as principal input. The contract card should contain information elements related to the evaluation, approval and monitoring and should be partly standardized to facilitate regional and incerregional information exchange and linkage with national information systems. 3. A demonstration of an information system should be prepared as soon as possible (either manual or computerized), based on an example contract card as input and should give the contract card, product file, company file, TIES I, IIB, and output related to registry performance and monitoring, as minimum output and preferably be demonstrated at the Ninth Meeting of Heads of Technology Transfer Registries.

4. The present TIES system should be expanded to include one more level of participation at the TIES II level to allow for information exchange at the "address label" level (company names, countries, object contract, industry code, product code).

5. The TIES information processing should be simplified without changing the scope of the information exchange. In particular, one coding form is recommended (for TIES license and service agreements) and the information fields should be more descriptive. It is therefore recommended that UNIDO investigate the various software and hardware options available for such an increased flexibility.

6. The meeting recommended that all participating registries in TIES designate at least one person to be in charge of the information and documentation unit and that UNIDO assist the TIES members in the preparation of terms of reference for such unit taking into consideration the different functions of the TIES member registries.

7. A manual of registry information systems should be prepared as a standard reference book.

#### ORGANIZATION OF THE MEETING

8. The expert group meeting was attended by four experts who contributed a critical written review on the preliminary paper prepared by the UNIDO secretariat on the issues, problems and programme of action on the establishment of compatible computerized information systems. A list of participants (Annex I) and the list of documents (Annex II) are annexed to the report.

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The meeting adopted the following agenda:

- (a) opening;
- (b) review of issues, problems and programme of action for the establishment and strengthening of registry information systems;
- (c) review of issues, problems and programme of action for the computerization of registry information systems;
- (d) national and international compatibility for national, regional and interregional linkage with information systems such as TIES, SAIT, RITLA, etc.;
- (e) review of TIES information processing at UNIDO headquarters;
- (f) adoption of the report.

#### SUMMARY OF DISCUSSIONS

#### National registry information systems

9. The participants reviewed the existing registry information systems, in particular that of Nigeria as an example of information systems of newly established registries; of Venezuela, Philippines and Portugal as examples of information systems of well established registries and that of Poland as an example of an information system for statistical/monitoring purpose only. It is agreed that from the point of view of the effective functioning of a registry information system, the contract card is without doubt the most essential document.

10. The contract cards of these five countries were reviewed and a listing of all information elements covered by these cards was prepared (Annex III). A minimum set of common information relates to the principal function of a registry namely the evaluation and registration of contracts. The more extended information systems (e.g. Philippines, Poland) included information elements related to the monitoring of the technology transfer agreements. 11. The participants agreed that for newly established registries or for newly established information systems in existing registries a step-by-step implementation was advisable. This would involve first the implementation of a RIS for evaluation purposes and when the first phase has been completed successfully, a second phase which would include the monitoring function, could be implemented. The participants agreed that it would be useful to prepare a reference registries information system as a demonstration.

12. A preliminary model card was prepared for this purpose (Annex IV). It was also agreed that as a demonstration output of the system, the TIES reports, the contract card, the product card, regulatory effects, (foreign exchange savings, etc.) would be considered. The participants agreed that for the proper functioning of the registry information system, the establishment of an information unit is essential. This unit should be responsible for the collecting, processing, storage and dissemination of information. Such a unit could also be in charge of preparing background studies on the basis of the information available to the registry. The composition of such an ID unit will of course depend on the particulars of each registry but UNIDO could give some guidance as to the qualifications of the ID unit personnel and the terms of reference of such a unit.

#### Computerization of registry information systems

13. The participants reviewed the progress made with the computerization of the registry information system of Venezuela. A short description of the system is annexed to the report. Although the system is operational, it was not regarded as a model system for a computerized information system because of its limitations with respect to the output formats. It was recommended that the UNIDO Secretariat advises the Venezuelan Covernment on the expansion of the system in order to more effectively utilize the possibilities of computerized information systems.

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14. Since there was no prior knowledge of other operational computerized registry information system, it was suggested that UNIDO develop a demonstration system to serve as a basis for the establishment of computerized registry information systems at the national level. As an input basis it was suggested that the demonstration model card be utilized. The Polish expert offered to prepare such a demonstration system which could then be presented at the TIES meeting in Beijing, provided that a personal computer with a suitable software were available.

#### National and international compatibility of registry information systems

15. The participants reviewed the classification procedures of Spain, Portugal, Venezuela, Nigeria, Philippines, Ethiopia and Polaud. With respect to compatibility with TIES, it was observed that except for Spain, the ISIC industrial classification was utilized and that all countries had introduced the SITC classification for product identification. It was also observed that not all countries utilized the same classification for the identification of the contract type. With respect to linkage with national information systems, it was observed from the Polish contract card that a linkage with such a system was introduced through the introduction of a national company code and a branch ministry code.

16. The participants concluded that the diversification of the functions of the registries participating in TIES, as reflected in the diverse information sets contained in the reviewed contract cards, requires the introduction of a new level of participation in TIES.

17. The TIES information processing at UNIDO headquarters was reviewed and concern was expressed that the present TIES coding form is too complicated and that two coding forms (one for service agreements and one for license agreements) may lead to confusion. A change in the TIES coding form was suggested making its completion easier. This would however require a change in the computer programme presently being used. A substantive discussion with the UNIDO Computer Services Section revealed that budgetary constraints inhibit any substantial changes in TIES. A decision on the acquisition of a micro-computer will result in substantial operational savings and would therefore make substantial changes in TIES possible. 18. The changes recommended above would result in a new coding form (Annex V) and the following rules:

- (a) All TIES participants should participate at the TIES I level which would require that the contract card of all TIES participants includes the following information elements: ISIC industry code (four digits), duration, type of payment, level of foreign holding, level of royalty (net sales only), expected payments over duration contract, yearly payments, collaboration type, supplier country. (The TIES I tables will then be elaborated on a manual or computerized basis).
- (b) All TIES participants should participate at the TIES II level (basic address label) with the following information elements on the contract card: ISIC industry code, SITC product code, supplier name, country recipient name, recipient country (coded) object of agreement (descriptive and including annual production volume, annual production capacity and annual sales), ID key and contract date.
- (2) TIES participants participating at the TIES II B level (former TIES I' A), should introduce the following additional information elements in their contract card: foreign holding, recipient type, contract duration, collaboration type, comments (production, industry, process, other).
- (d) TIES participants participating at TIES II C level (former TIES II B), should introduce the following additional information elements: currencies of payments, exchange rates (to US\$), type of payment, royalty type, royalty level, lump sum, fee type, fees, minimum royalty.
- (e) All TIES/SAIT participants should introduce the following information elements in their contract card: all TIES I, II A, II B and II C information elements and in addition, for SAIT purpose only country of origin of foreign investment, relationship between licensor and licensee, principal economic activity (descriptive), contract type, other related contracts.

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ANNEX I

#### LIST OF PARTICIPANTS

- Mr. Z. Bogdanowicz, General Manager Foreign Trade Data Center ul. Stepinska 9 00-739 Warsaw, Poland
- Mr. J. Cieslik, Senior Advisor Foreign Trade Data Center ul. Stepinska 9 00-739 Warsaw, Poland
- 3. Ms. Cathy Pawelczyk 70 Walnut Street Arlington Mass. 02174, USA
- 4. Mr. Victor Simoes, Assoc. Director Study and Information Department Foreign Investment Institute Ad. da Liberdade 258/4 1200 Lisbon, Portugal

#### UNIDO Secretariat

- Mr. J. Cramwinckel, Associate Industrial Development Officer
- Mr. K. Fialkowski, Industrial Development Officer

ANNEX II

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1

# LIST OF DOCUMENTS

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CRP-1 :	A Unified Apporach to the National Technology Transfer Registry Information System - 2. Bogdanowicz
CRP-2 :	Establishment of Compatible Computerized Information Systems - Issues, Problems and the Programme of Action - UNIDO Secretariat
ID/WG.383/2:	Some Considerations on Registry Information Systems
UNIDO/IS.400:	Prospects of Technology Transfer Registry Computerization

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UNIDO
TIES CODING FORM
IDENTIFICATION
ID KEY CODE
COUNTRY INDUSTRIAL FOREIGN CODE HOLDING
RECIPIENT NAME
ADDRESS LINE 1
ADORESS LINE 2
III SUPPLIER
<u>i la </u>
ADDRESS LINE 1
ADDRESS LINE 2
UNCTC-BUPPLIER COMPANY CODE IV CONTRACT (general) OBJECT
COUNTRY PRODUCT CODE 1 PRODUCT CODE 2
CODE
Contract class
PROCESS

1 i i

			- 10 -			
COL	LABORATION TYPE				C	DURATI
		но <b>ж</b>	🔲 таа	DE MARK		BASIC ENGINEERI
	DETAILED MANAGE ENGINEERING DF COL SET-UF	GEMENT		RT-UP ERVISION	PRODUCTION SUPERVISION	EQUIPMENT REPAIR AND MAINTENAN
	PREINVESTMENT	KEY		ISTRUCTION SET-UP		E 🗌 MAR ETING
		as				
v	CONTRACT TERMS					
	ROYALTY LIG ROYALTY %A (Net sales)	ROYALTY % B (Net sales	ROYAL ROYAL			IPTION ROYALTY BA
	COMMENTS					
			LL			
	COMMENTS					
	REIMBURSABLE FEES					
	PROJECT MANAGER					
	SENIOR PROFESSIONAL					
	PROFESSIONAL	J				
	JUNIOR PROFESSIONAL					
	SENIOR TECHNICAL					
	TECHNICAN					
	COMMENTS	لای	<b></b>			
		لای	<b></b>			<u> </u>
_	COMMENTS	D BY RECIPI			FAMILY TRAVEL/	
	COMMENTS	D BY RECIPI		LEAVE [	FAMILY TRAVEL/ EXPENSES	
PERI	COMMENTS	D BY RECIPI DATION [ PERFORM	IENT	LEAVE [	FAMILY TRAVEL/ EXPENSES DESCRIPTION OF PI	
	COMMENTS	D BY RECIPI DATION [ PERFORM	IENT PAID IANCE PEI	LEAVE [		
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	COMMENTS	D BY RECIPI DATION [ PERFORM U VOLU	IENT PAID IANCE PEI JME LITY D	LEAVE [		

### ANNEX IV

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# Comparative analysis table of the information content in fields of contract cards in different TIES - member countries

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F	Country ield name	POLAND	NIGERIA	PHILIPPINES	VENEZUELA	PORTUGAL	MODEL	REMARKS
	1	2	3	4	5	6	7	8
1.	File No.	x	x	×	x	×	x	Processo
2.	Registry No.	x		x	x	x	x	
3.	ID Key	x	x				x	
	RECIPIENT							- 11
4.	Fio name	×						1 i
5.	FTO code	x						
6.	Company name	x	x	x	x	x	x	
7.	Company adress	x	x	?	?	?	x	? Not separalety indicated
8.	Principal economic activity	x					x	
9.	Industrial code /ISIC/	×					×	
10.	National company code	x			x	x	x	

						+	
1	2	3	4	5	6	7	
11. Branch ministry code	x					×	
12. Country code /TIES/	x					x	
13. Recipient type	x	x	x	x	x	x	
14. Foreign holding	×	x	×	x	x	x	
SUPPLIER							
15. Company name	x	x	×	x	x	×	
16. Company adress	x	x	. 7	?	?	x	? Not separataly indicated
17. Company code /UN CIC/	×					x	- 12 -
18. Principal economic activity	x			x			
19. Industrial code /ISIC/	x						
20. National company code	x			x		×	
21. Country code /TIES/	x	0	0	x	0	x	0 Country name
22. Parent company name	x						
23. Parent company code /UN CTC/	x						

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				T .	_		_	
	1	2	3	8	5	6	7	8.
	CONTRACT							
24.	Title of contract	x	×					
25	Object of contract /description/	x	x	x	x	x	x	
26.	Industrial code /ISIC/	x	x	×	×	x	x	
27.	Product code /s/ /SITC/	x	x	×	×	x	x	
28.	Contract type	x	x	x	x	x	x	- 13
29.	Purpose of contract	x						1
30.	Ocntract date	x	x	x	x		x	
31.	Explay date	x	x				x	
32.	Collaboration type	x	x	σχ	×°	xø	x	• Elementos technologicos
33.	Contract currency	x			x		x	
34.	Exchange rate to \$ US	×					x	
35.	Exchange rate to local currency	x			x			

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1	2	3	4	5	6	7	8
36. Currency multiplier	x						
37. Payment type	x	x	x	x	xo	x	• Contraprestação
38. Payment form	x						
39. Royolty basis	x	x	x	x	×°	x	• Incidencia
40. Royalty & A	x	x		x	xo		
41. Royalty % B	x	x		x	×°		* S/Vendas Liquidas
42. Royalty B Level	x			x			
43. Lump sum payment	x	x		x		x	- 14
44. Minimum royalty fex	x	x	0	x		+	0 Yes/No // + Probably covered by "others royalty"
45. Character of licence	x		x	x <sup>o</sup>	x		o Production + use + sale
CONTRACT EVALUATION							
6. Total contract value /con.cur./	x		0	x	?	x	0? Not indicated
7. Total contract value /loc.cur./	x	×	0		?		0? Not indicated
18. Contract value dezagre- gation	x	x		x	×	x	

	1	2	3	4	5	6	7	8
49.	Eigort restrictions	x	x	x	x	x	x	
50.	Right to sublicence	x			x	x	x	
51.	Fixing sales prices by supplier	x	x	x	x	x	x	
52.	Tie-in clauses	x	x	x	x	XC	x	Condicionamento ao aprovisionamento
53.	Restr.on volume structure cuput	x	x	x	x	x	x	
54.	Excessive quality controls	x	×		x	x <sup>o</sup>	x	<sup>O</sup> Controlo de qualidade
55.	Obligatory empl.of foreign parson.	x	x		x	x°	x	OAdm.pessoal
56.	Obligation to trans- fer improv.to supplier	x	×	x		x <sup>o</sup>	x	<sup>O</sup> Cessao de innovações
57.	Oblig.to transfer improv.jo receiver	x		x	x	x <sup>o</sup>	x	° "
58.	Banon alternative technologies	x		x	x	x <sup>o</sup>	x	<sup>O</sup> Condicionamento technologico
59 <b>.</b>	Right to use techno- logyin other local firms	x				x <sup>o</sup>	x	° _ * _

.

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- 15 -

_						
2	3	4	5	6	7	8
x	×	x	×		x	
x	x	x	×		x	
. x		x	×	x	×	
x	×	×	x	x	×	
x		x			x	
x		x	×	×	×	- 16 -
x		x	x	x <sup>o</sup>	×	<sup>O</sup> Produção
x		x	×	×	×	
x		x	x	 	×	
x			x		×	
x						
x		x		×		
x			x		×	
			x		x	
	x x x x x x x x x x x x x x x x x x x	x x x x x x x x x x x x x x x x	xxx	xx	x x x x   x x x x	xxx

1	2	3	4	5	6	7	8
6.2. Quality	x			x		×	
5.3. Yield	x			x		×	
6.4. Economy	x			x		×	
6.5. Time	x					×	
6.6. Others /specify/	x						
PROJECT DATA							- 17
7. Production multiplier	x			×			J
8. Pruction units	x			x			
9. Annual production volume	x	0	x	x		x	0 With regard to overall recipient's activities
0. Annual production capacity	x	0	x	x			0 As above
1. Annual sales /value/	x	0	x	x		x	0 - " -
2. Licence prod.share in total output	x					x	
3. Profit before tax	x		0			x	0 Net profits
4. Additional employment generated	x		x			x	

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1	2	3	4	5	6	7	8
75. Licensing exports	x		x			x	
76. LE share in total exports	x					x	
77. Additional imports generated	x		x			x	
77.1. Raw materials	x					x	
77.2. Components and parts	x					x	
77.3. Machinery and equipment	x					x	
78. Imports' share in total cost of licence production	x					x	- 18 -
79. Post licence product /proces dev.	x					x	
80. Other effects associa- ted with contract	x		x <sup>o</sup>				<sup>O</sup> Detailed items
81. Comments	x	×		×	×°		<sup>O</sup> Observações
81.1. Product	x						
81.2. Industry	x						
81,3, Process	x						
81.4. Contract	x						

1	2	3	4	5	6	7	8
81.5. Terms	x						
81.6. Others	x	x°					<sup>0</sup> Method of calcu- lation
82. Registration date		x <sup>o</sup>			x	x	<sup>O</sup> Year of registration
83. % of supplier equity holding in the recipient		×	x	x	x	×	
84. Recipient's annual sales		x				x	
85. Actual employment		x				x	
86. Annual production volume		x					- 19 -
87. Max.production capacity		x					
88. Contract duration		×	x	x	x		
69. TIES Form /Yes,No/		x					
90. Monitoring /Yes,No/		x					
91. Provisions permitting excessive controls of recipiert's operations		x	×		x		
92. Non-competition clauses		x	x		x		
93. Exclusive sales arrangements		x	×	×	x	x	

· ·

1	2	3	4	5	6	7	8
A. Requirements for sup- plier's consent on modifications		×			x		
5. Obligations to intro- duce un/necessary design modifications		x					
6. Oblig.acquisition of addit.technologies and/or services from supplier		x			x		
7. Fixed royalty /%/		<b>x</b> .					
8. Reimbursable fees		x					
9. Savings from Registry intervention		x					2
0. Evaluation officer		x				x	
1. Contract class			x	×		x	
2. Variation formula			x	×	x		
3. Tax liability			x		x		
4. Minimum royalty reduction			x	x	x		
5. Confidentiality restrictions			x	x	x°		o Ingosição segredo

the second

1	2	33	4	5	6	7	8
106. Restrictions on tech.managem.			x	x			
107. Restr.on finance, invest. empl.			x		x		
108. Guarantees and warrantees			x				
106.1. Suitability for use			x				
108.2. Training			x			x	
108.3. Liability			x				
108.4. Engineering/ equipment			×		x		- 21 -
109. Renewal			x	x	x		
110. Technical fee reduction			x				
lll. Foreign exchange savings-/a/ red.of royal			ж				
/h/ Import substi- tution			x				
112. Tax payments			x				
113. Net foreign echan- ge earrings			x			x	

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	1	2	3	4	5	6	7	8
14.	Local value added			x				
15.	Recipient qualifi- cation /national foreign,mixted/				x	x°		0 In %
16.	Establishment date of recipient				x			
17.	Afilation to the supplier /type/				x			
118.	Total capital /recipient/				x			
119.	Supplier TIES code				x			
120.	Contract associa- tion to other form				x			- 22 -
121.	Object of contract national code				x	x	×	
122.	Contract class TIES code				×			
123.	Collaboration type TIES code				x			
24.	Territory				x			
125.	Salary /all TIES classes/ ~ average, total				x		×	

						•		
	•				· •	•	• •	
1	2	3	4	5	6	7	8	
126. Travel				x		x		
127. Accompdation				x		x		
128. Paid leave				x		x		
129. Family expenses				x		x		
130. Insurance				x		<b>x</b> 21		
131. Other				x		x		
132. Capacity utilization /%/				×				- 23
133. Payments as & of total investment				×				
134. Obligation to pay royalties for sale- purchase contracts				x				
135. Obligation to pay supplier's taxes				×				
136. Restrictions on rec. ind.property rights				x	x			nw.a. <u></u>
137. Restrictions ref.to contract rescision				x	x			
138. Obligatory clauses				x				

1	2	3	4	5	6	7	8
139. Recommended clauses				×			
140. Application date					x		
141. Country/ies/ of foreign holding in.rec.					x		
142. Taxa ale juro					x		
143. Guarantees 143.1. Process					x		
143.2. Production					x		- 24
143.3. Timely transm.of information					x		
144. R D expenditure as % of recipient's sales						x	
145. Recipient's UN CTC code						x	
146. Equity holding of parent company in recipient country						x	
147. Lump sum /install- ments/						x	
148. Perscanel type						x	

1	2	3	4	5	6	7	8
149. LSEP	ð					×	
150. R D expenditure related to object by licensee						x	
151. Number of persons trained						×	
152. Total payments each year of control duration						×	
153. Medical expenses						x	- 25 -

CONTRACT CARD FILE NO REGISTER NO MODEL REGISTRY INFORMATION D KEY SYSTEM RENEVAL EXTENSION OTHER 3.4. TYPE **RECIPIENT** 3.CONTRACT 4.4. COUNTRY CODE ANNEY MANAGEMENT SOFTWARE  $\Box$ 32CONTRACT CLASS JOINT 1.21 COMPANY NAME TURN KEY OTHER VENTURE 3.3.08JECTL COMMANY ADDRESS 3.4.PROCESSI SESCRIPTION OF PRINCIPAL SCONDINGAL ACTIVITY 3.7.L 35. 36. 1 3.6. 1 NATIONAL INDUSTRIAL INDUSTRIAL CODS CODE / 1940/ NATIONAL PRODUCT CODE 2 3.8. LILALLI PRODUCT CODE 4 /SITC/ PRODUCT CODE 2 3.10. COLLABORATION TYPE 1.5 KHOW-HOW 3.9.VALIDITY TRADE MARK PATENT PREINVESTNENT CONSULTING MOUSTPIAL CODE 1. E. L. LILLE AND LIN CTC EOMPANY CONSTRUCTION BASIC SALE CONSTRUCTION BASIC SALE CONSTRUCTION START-UP SALE CONSTRUCTION SUPERVISION: TVRN KEY TEAR HONTH SXPIRING DATE 26 1 ADMINISTRATINE MARKETING PRODUCTION SUPERVISION A.S.TYPE OF COMPANY STATE OF SOMERWEENT YLAR HOTTA EQUIPMENT REPAIR AND MAINTEHANCE NULED 3.44. TERMS LIDELL & % LEVEL OF FORLISH HOLDING 1.11.LLL % FOUTY HOLONG BY SUPPLIER COMPANY 3.H. A. ROYALTY 3.44.2. LUMP 50M NOVALTY ROYALTY ROYALTY BALE MAINET SAIE(/ %B/NET SALES/ LEVEL OTHER THEN HET SALES) AND BER SE TOTAL SALES ROTAL SALES ROTAL SALES LUMP SUM PATMENT STCHANGE 1.21 R+D SE CONNENTS COMMENTS AT APPLICATION YEAR 3.11.3.REIMBURSABLE FEES SCHANGE RATE 2.1. COUNTRY CODE 2.SUPPLIER nup Fre - REPERCENT NORTH . FECHNIGIAN PROFESSIONAL MONTH MO'ITH -308 1 2.2.1 TECHNICIAN -OUR FEE PROFESSIONAL ONTH ADIT N UL. 1 2.3 L CCMMANY ADDRESS COMMENTS 3.41.4. PERSONNEL EXPENSES COVERED BY RECIPIENT TRAVEL UN CTE COMPANY ACCOMMODATION AID LEAVE FAMILY TRAVEL/ WSURANCE

4.PROJECT DATA	L	L. J VEAP '2/				L_i Yé48/5'
ALL FINANCIAL DATA IN CURRENCY CODE	ESTIMATED ACTUAL	ESTIMATED ACTUAL	ESTIMATED	ACTUAL ES	TIMATED ACTUAL	ESTIMATED ACTUAL
4.1.PRODUCTION VOLUME UNIT L		L ! !	۰ ۱	L L	L	L
4.2.NET SALES		المستحمينية المتحميني	L	L		L I
4.3.EXPORTS	L L		L i	L		L L
4.4.IMPORTS	LJ LJ				[]	L
4.5.R+D EXPENDITURES			L			
4.6. EMPLOYMENT			ــــــــــــــــــــــــــــــــــــــ	L L	<u></u>	<b></b>
4.7. PROFIT BEFORE TAX	L L		<u>ا</u> ــــــــــــــــــــــــــــــــــــ	L L		L L
4.8. NO OF PERSONS TRAINED			• • • • • •			
A.B. I. HOME			۳ ۱			<u> </u>
4.8.2. ABR040	استعماله المستعمل الم			<u> </u>	i li	
4.9. NO OF FOREIGN PERSONNEL	L I			لــــــــــــــــــــــــــــــــــــ	<i>i</i>	<u> </u>
A 40 YEARLY EXPECTED PAYMENTS			L I			·
5.4.TOTAL EXPECTED TECHNOLOGY PAYMENTS" 5.2.TOTAL EXPECTED IMPORTS" 5.3.TOTAL EXPECTED EXPORTS" 5.4. NET FOREIGN EXCHANGE BALANCE " 5.5.LICENCOR SHARE IN EXPECTED PROFITS 5.6. PERFORMANCE GUARANTEES 5.6.4. VOLUME 5.6.2. QUALITY 5.6.3. YIELD 5.6.4. ECONOMY 5.7.TRAINING 5.7.1. TRAINING SCHEDULE "OVER APPROVED PERIOD	5.8.3 5.8.4 5.8.4 5.8.4 5.9.6 5.9.6 5.9.6 5.9.6 5.9.7 5.9.7 5.9.7 5.9.7 5.9.7 5.9.7 5.9.7 5.9.7 5.9.8 5.9.7 5.9.8 5.9.7 5.9.8 5.9.7 5.9.8 5.9.7 5.9.8 5.9.7 5.9.8 5.	. QUALITY . YIELD . ECONOMY . TIME RESTRICTIVE CLAUSES I. NON EXCLUSIVE . EXPORT RESTRICTIONS . RIGHT TO SUBLICENCE I. PRICE RESTRICTIONS . TIE-IN CLAUSES . BAN ON ALTERNATIVE TECHNOLOGIES		5.9.2. RIGHT 10 USE TE 5.9.10. RESTRICTIONS O 5.9.14. DBLIGATORY EMP 5.9.12. POST CONTRA 5.9.14. FORE IGN DUR 5.9.14. FROMSION 5 ON P 5.9.14. PROMSION 5 ON P 5.9.15. DBLIGATION TO TI 5.9.16. OBLIGATION TO TI	S ON RECIPIENT'S R+1 DINOLOGY IN OTHER LOCAL CO IN VOLUME AND STRUCTURE LOTMENT OF FOREIGN EMPL INCTUAL RESTRICTIONS	OMFANIES
6.FINAL DECISION		COM H &H TS			8. EVALUATION OF NAME VITLE 'RANK DATESI	FICER

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