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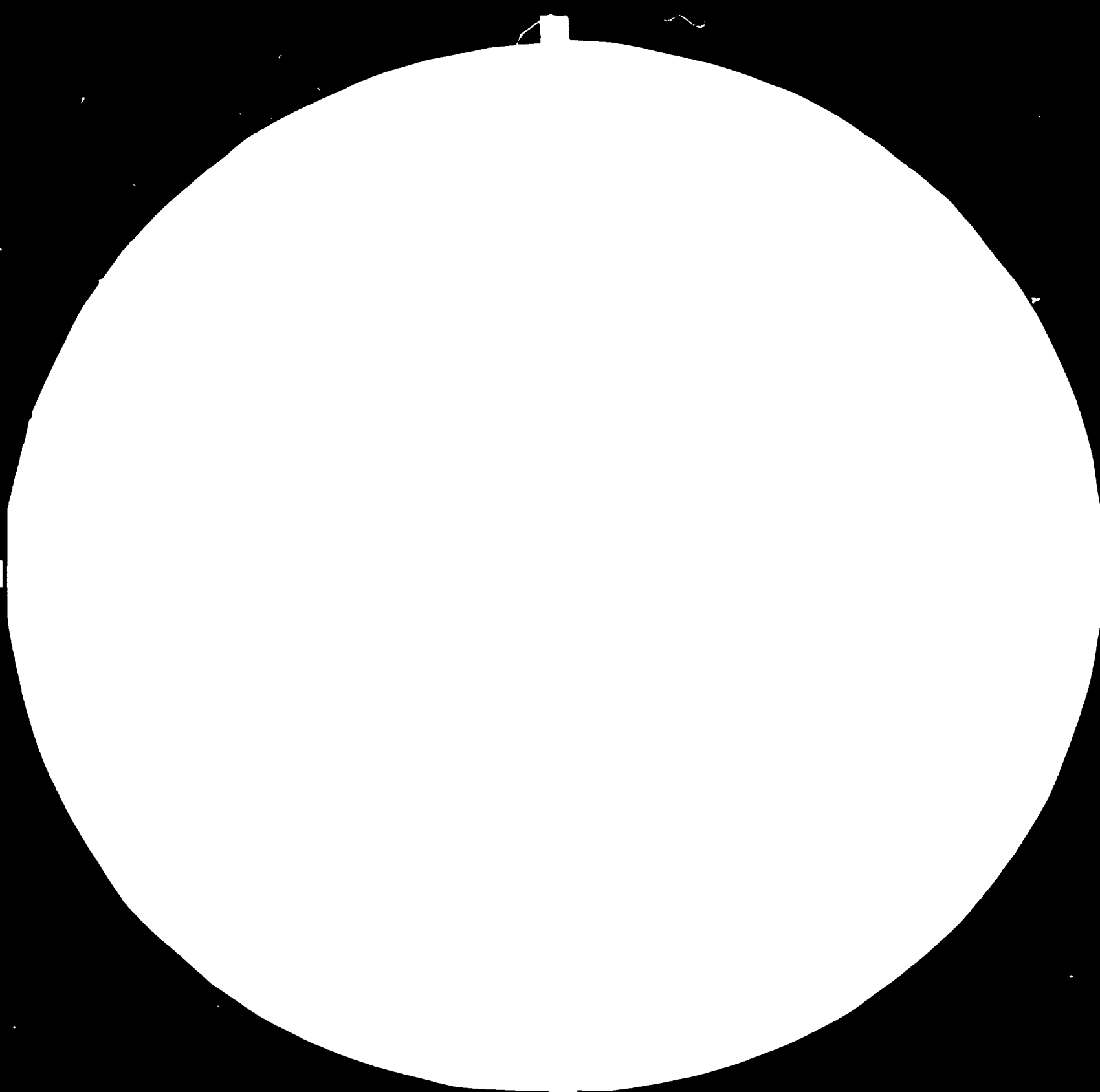
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14261

**DEVELOPMENT OF  
CAPITAL GOODS INDUSTRIES**

**DP/TUR/76/034**

**TURKEY**

Turkey.

Technical Report No. XXVI – Report on Computerisation  
of Demand Data for  
the Sugar Industry.  
(Türkiye Şeker Fabrikaları)

M. M. Luthen

Aralık 1983

DEVELOPMENT OF  
CAPITAL GOODS INDUSTRIES  
DP /TUR /76 /034  
TURKEY

Technical Report No. XXVI - Report on Computerisation  
of Demand Data for  
the Sugar Industry.  
(Turkiye Seker Fabrikalari)

UNITED NATIONS DEVELOPMENT PROGRAMMES IN TURKEY

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UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANISATION

RESTRICTED

English

DEVELOPMENT OF  
CAPITAL GOODS INDUSTRIES  
DP/TUR/76/034  
TURKEY

Technical Report No. XXVI - Report on Computerisation of Demand data for  
the Sugar Industry (Turkiye Seker Fabrikalari)

Prepared for the Government of Turkey  
by the United Nations Industrial Development Organisation  
acting as executing agency for the United Nations Development Programme

Based on the work of  
Capital Goods Development Project in Turkey

United Nations Industrial Development Organisation  
Vienna

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DEVELOPMENT PROGRAMME IN TURKEY  
CAPITAL GOODS DEVELOPMENT PROJECT IN TURKEY

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DEVELOPMENT PROGRAMME IN TURKEY  
CAPITAL GOODS DEVELOPMENT PROJECT IN TURKEY

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REPORT ON  
COMPUTERISATION OF DEMAND DATA

CHAPTER I

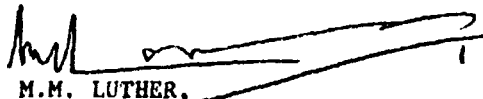
1. INTRODUCTION

- 1.1. Capital Goods Development Project conducted by SPO in close collaboration with the United Nations Industrial Development Organisation (UNIDO) aimed to expand the capital goods manufacturing industries. For planning of this critical industry, demand data collected from the sectors selected by the Government has been computerised according to the methodology for the project detailed in Technical Report No. I. The sectors selected are given on table I.
- 1.2. State Institute of Statistics (SIS) at the request of SPO, carried out the computerisation under the guidance of the Capital Goods Project.
- 1.3. This report gives the updated input data and outputs of computerisation for Sugar Industry. Details of the demand for capital goods according to earlier plans and programmes were given in the Technical Report No. X.
- 1.4. The future plans have been reassessed by SPO and indicated in the draft of the 5th. Five Year Plan. Accordingly the demand for capital goods has been updated based on the revised plans. These have been used as inputs for this aggregation.

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DEVELOPMENT PROGRAMME          I N          T U R K E Y

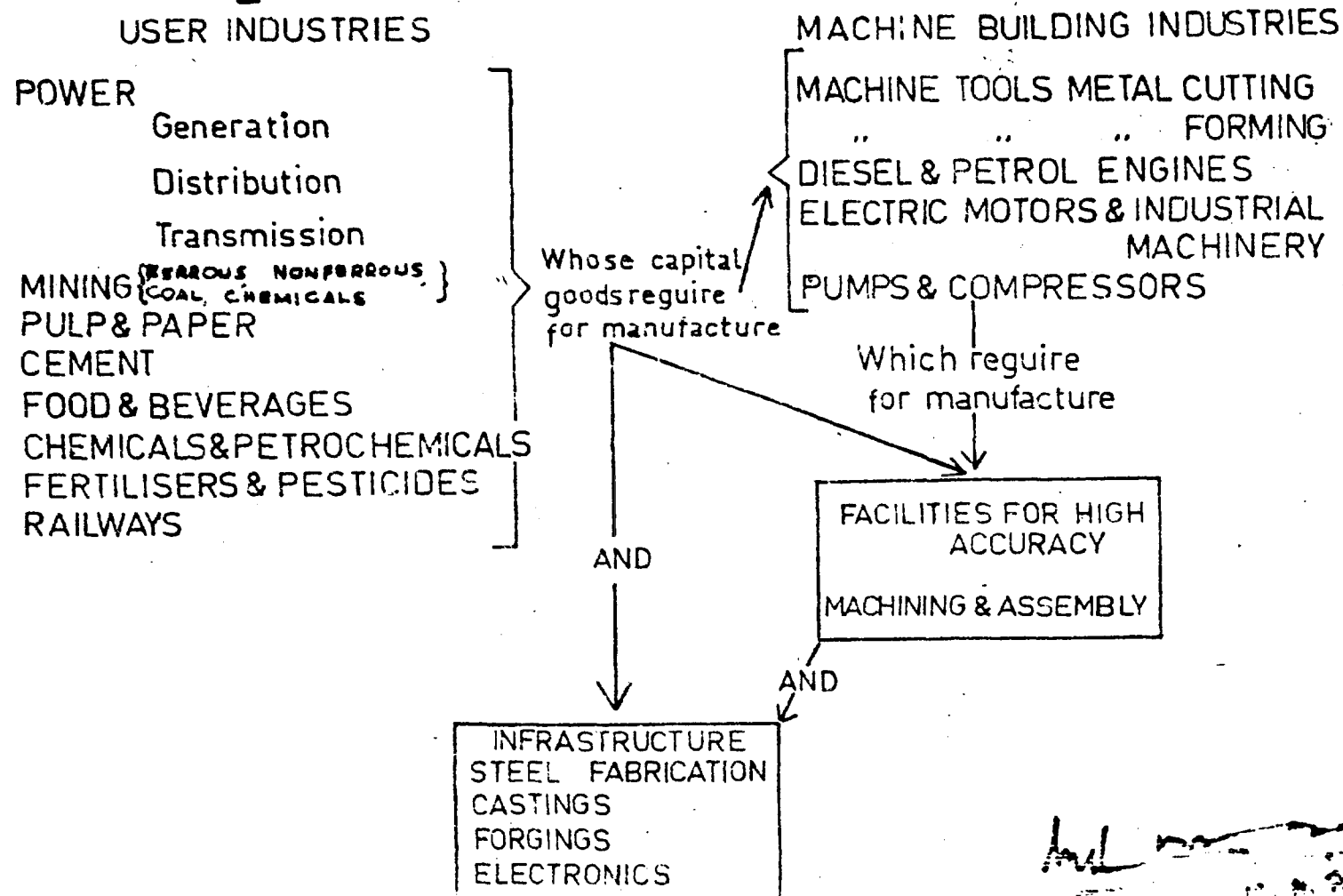
Page 2

- 1.5. The main objective of the computerisation is aggregation of the total national demand for plate fabricated equipment (in terms of permutations and combinations of codified range of weight, types of material and plate thicknesses) and for other machinery in terms of major specifications and nomenclature.
- 1.6. The study was conducted by Mrs. Emine Abdelal, SPO expert under the direction of Mr. M.M. Luther, Chief Technical Adviser, Capital Goods Project.
- 1.7. The project management is grateful to SIS President Mr. Nihat Guner, Head of the Technical Department Mr. Sefik Yildizeli and Mr. Erdal Bozkus who carried out the computerisation work.
- 1.8. Mr. Vahit Erdem, National Project Coordinator of the Capital Goods Development Project and Head of Sectoral Planning Division, SPO, has been associated with the work at all stages.

 112-83  
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C.ENG.F.I.MECH.E. (LOND), F.I.PROD.E. (LOND),  
CHIEF TECHNICAL ADVISER,  
CAPITAL GOODS PROJECT IN TURKEY.

# CAPITAL GOODS DEVELOPMENT PROJECT IN TURKEY

## NATIONAL PRIORITIES



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CAPITAL GOODS DEVELOPMENT PROJECT IN TURKEY

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Table no.2

COMPARISON OF INVESTMENT PROJECTIONS  
IN PROJECT'S TECHNICAL REPORTS AND THOSE  
INDICATED BY SPO WITH REFERENCE TO FIFTH  
5 YEAR DEVELOPMENT PLAN IN APRIL 1983

SUGAR INDUSTRY (T.ŞEKER FAB.)

PLANT NAME	TECHNICAL REPORT NO. X		SPO-APRIL 1983		REMARKS
	Capacity (T/D)	Ant. Date of Comm.	Capacity (T/D)	Ant. Date of Comm.	
<b>A- NEW PLANTS</b>					No demand of capital goods for Mus and Ilgin since they have already started production on Dec.82  Discussed by CTA and NPC with Under-secretary on 20.4.1983
<u>PHASE I</u>					
MUS	3000	1982-83	3000	1982-83	
ILGIN	6000	1982-83	6000	1982-83	
AĞRI	3000	1984-85	3000	1984-85	
BOR	3000	1983-84	3000	1984-85	
<u>PHASE II</u>					
ÇARŞAMBA	3000	1985-86	3000	1985-86	
ELBİSTAN	3000	1985-86	3000	1985-86	
EREĞLİ	6000	1986-87	-	-	
ERCİS	3000	1988-89	-	-	
İÇDIR	-	-	3000	1992-93	
<b>B- EXPANSION</b>					
SUSURLUK	7000	1983	3000+4000 = 7000	1985-86	
ANKARA	3000	1984	1600+1400 = 3000	1984-85	
KASTAMONU	3000	1984	1600+1400 = 3000	1984-85	





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 DEVELOPMENT PROGRAMME IN TURKEY  
 CAPITAL GOODS DEVELOPMENT PROJECT IN TURKEY

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CHAPTER III

CONCLUSIONS

3.1. CONCLUSIONS

3.1.1. The demand for capital goods for Sugar Industry  
 in the period 1981-1990 is as under

	<u>Weight(Tons)</u>	<u>Value(1000 \$)</u>
Fabricated equipment	14316.1	24012.0
Machinery	3253.5	6156.6
Grand total	17569.6	30168.6

3.1.2. The demand for capital goods for Sugar Industry  
 in the period 1990-2000 is as under:

	<u>Weight(Tons)</u>	<u>Value(1000\$)</u>
Fabricated equipment	215.9	250.4
Machinery	301.0	666.5
Grand total	516.9	916.9

UNIDO-SPOOL SUGAR)

COMMODITY CODE : 3116-1

CAPITAL GOODS DEVELOPMENT PROJECT IN TURKEY

CAPITAL GOODS REQUIREMENT FOR SUGAR WEIGHT IN TONS

SITE CODE	BASIC MACHINE NAME	1981	1982	1983	1984	1985
69211	RESERVOIRS-TANKS ETC	.0	342.4	362.8	284.9	178.9
72726	SUGAR MANUFACTURING MACH.	.0	492.0	161.8	583.2	482.6
72827	SUGAR MANUFACTURING MACH.	.0	1332.0	351.0	501.0	50.0
72831	SCREENS-NET CLASS-SEPARATORS	.0	.0	30.0	15.0	15.0
74132	IND-AND LAB. ADN-ELEC-FURNACE	.0	351.0	175.5	475.5	.5
74161	HEAT EXCHANGERS	.0	1237.2	464.6	779.5	60.0
74162	EVAPORATORS	.0	1036.0	344.0	958.0	.0
74163	HEATING-COOKING AND ROASTING EQ.	.0	144.0	16.0	54.0	.0
74164	DRYERS	.0	72.0	18.0	54.0	.0
74220	CENTRIFUGAL PUMPS	.0	.0	200.4	57.9	118.5
74230	ROTARY PUMPS	.0	.0	2.4	1.2	1.7
74312	VACUUM PUMPS AND EJECTORS	.0	24.0	12.0	20.0	8.0
74351	CENTRIFUGES	.0	261.0	317.5	243.0	.0
74362	FILT-AND PURIFYING APP-FOR LIQ	.0	742.0	422.6	584.0	175.0
74426	CONVEYORS-MECHANICAL	.0	16.0	222.0	79.0	177.0
74525	WEIGHING MACHINERY	.0	120.0	60.0	63.4	64.9
TOTAL		.0	6235.6	4771.7	1331.6	

## UNIDOP SPEC (SUGAR)

## CAPITAL GOODS DEVELOPMENT PROJECT IN TURKEY

## CAPITAL GOODS REQUIREMENT FOR

SITE CODE BASIC MACHINE NAME 1986

69211	RESERVOIRS, TANKS ETC	.0
72726	SUGAR MANUFACTURING MACH.	.0
72727	SUGAR MANUFACTURING MACH.	.0
72831	SCREENS, NET CLASS., SEPARATORS	.0
74132	IND. AND LAB. NON-ELEC. FURNACE	.0
74161	HEAT EXCHANGERS	.0
74162	EVAPORATORS	.0
74163	HEATING, COOKING AND ROAST-EG.	.0
74164	DRYERS	.0
74220	CENTRIFUGAL PUMPS	.0
74230	ROTARY PUMPS	.0
74312	VACUUM PUMPS AND EJECTORS	.0
74351	CENTRIFUGES	.0
74362	FILT. AND PURIFYING APP. FOR LIQ	.0
74426	CONVEYORS-MECHANICAL	.0
74525	WEIGHING MACHINERY	.0

TOTAL

.0

COMMODITY CODE : 3118-1

SUGAR		WEIGHT IN TONS		
1987	1988	1989	1990	TOTAL
.0	.0	.0	108.0	1287.0
.0	.0	.0	146.0	1865.0
.0	.0	.0	351.0	2585.0
.0	.0	.0	.0	60.0
.0	.0	.0	175.0	1177.0
.0	.0	.0	464.6	3006.0
.0	.0	.0	344.0	2757.0
.0	.0	.0	36.0	270.0
.0	.0	.0	10.0	152.0
.0	.0	.0	.0	176.8
.0	.0	.0	.0	4.8
.0	.0	.0	12.0	84.0
.0	.0	.0	130.5	272.0
.0	.0	.0	185.0	2108.6
.0	.0	.0	.0	494.0
.0	.0	60.0	.0	368.3
.0	.0	60.0	1970.1	17569.6

10-

UNIDO-SPOC SUGAR

COMMODITY CODE : 3118-1

## CAPITAL GOODS DEVELOPMENT PROJECT IN TURKEY

SITC CODE	BASIC MACHINE NAME	CAPITAL GOODS REQUIREMENT FOR SUGAR					WEIGHT IN TONS				
		1991	1992	1993	1994	1995	1991	1992	1993	1994	1995
69211	RESERVOIRS, TANKS ETC	122.4	.0	.0	.0	.0					
72726	SUGAR MANUFACTURING MACH.	4.4	143.0	.0	.0	.0					
72831	SCREENS, BELT CLASS., SEPARATORS	15.0	.0	.0	.0	.0					
74132	IND. AND LAB. NON-ELEC. FURNACE	.5	.0	.0	.0	.0					
74220	CENTRIFUGAL PUMPS	56.7	.0	.0	.0	.0					
74230	ROTARY PUMPS	1.2	.0	.0	.0	.0					
74362	FILT. AND PURIFYING APP. FOR LIQ	93.0	.0	.0	.0	.0					
74426	CONVEYORS, MECHANICAL	79.0	.0	.0	.0	.0					
74525	WEIGHING MACHINERY	.0	1.7	.0	.0	.0					
TOTAL		372.2	144.7	.0	.0	.0					

## UNIOC-SPCK SUGAR)

## CAPITAL GOODS DEVELOPMENT PROJECT IN TURKEY

## CAPITAL GOODS REQUIREMENT FOR

SITC CODE	BASIC MACHINE NAME	1996
69211	RESERVOIRS, TANKS ETC	.0
72726	SUGAR MANUFACTURING MACH.	.0
72831	SCREENS, NET CLASS., SEPARATORS	.0
74132	IND. AND LAB. NON-ELEC. FURNACE	.0
74220	CENTRIFUGAL PUMPS	.0
74230	ROTARY PUMPS	.0
74362	FILT. AND PURIFYING APP. FOR LIQ	.0
74426	CONVEYORS, MECHANICAL	.0
74525	WEIGHING MACHINERY	.0

TOTAL

.0

COMMODITY CODE : 3118-1

SUGAR					WEIGHT IN TONS				
1997	1998	1999	2000	TOTAL	1997	1998	1999	2000	TOTAL
-0	-0	-0	-0	122.4	-0	-0	-0	-0	122.4
-0	-0	-0	-0	147.4	-0	-0	-0	-0	147.4
-0	-0	-0	-0	15.0	-0	-0	-0	-0	15.0
-0	-0	-0	-0	.5	-0	-0	-0	-0	.5
-0	-0	-0	-0	56.7	-0	-0	-0	-0	56.7
-0	-0	-0	-0	1.2	-0	-0	-0	-0	1.2
-0	-0	-0	-0	93.0	-0	-0	-0	-0	93.0
-0	-0	-0	-0	79.0	-0	-0	-0	-0	79.0
-0	-0	-0	-0	1.7	-0	-0	-0	-0	1.7
-0	-0	-0	-0	516.9	-0	-0	-0	-0	516.9

UNION-SPOC SUGAR

COMMODITY CODE : 3110-1

## CAPITAL GOODS DEVELOPMENT PROJECT IN TURKEY

## CAPITAL GOODS REQUIREMENT FOR SUGAR VALUE IN 1000 US\$

SITC CODE	BASIC MACHINE NAME	1981	1982	1983	1984	1985
69211	RESERVOIRS, TANKS ETC	.0	220.6	322.1	250.3	153.8
72726	SUGAR MANUFACTURING MACH.	.0	795.6	273.3	986.1	822.3
72727	SUGAR MANUFACTURING MACH.	.0	548.8	658.8	958.8	56.2
72831	SCREENS, NET CLASS., SEPARATORS	.0	.0	74.4	37.2	37.2
74132	IND. AND LHM. NON-ELEC. FURNACE	.0	324.0	162.0	462.0	12.0
74161	HEAT EXCHANGERS	.0	1773.8	672.4	1130.5	65.4
74162	EVAPORATORS	.0	1640.0	495.0	1515.0	.0
74163	HEATING, COOKING AND ROAST. EQ.	.0	220.0	50.0	80.0	.0
74164	DRYERS	.0	121.0	30.0	91.0	.0
74220	CENTRIFUGAL PUMPS	.0	.0	669.4	214.2	379.7
74230	ROTARY PUMPS	.0	.0	26.8	13.4	13.4
74312	VACUUM PUMPS AND EJECTORS	.0	30.0	15.0	35.0	10.0
74351	CENTRIFUGES	.0	1160.0	1500.0	1080.0	.0
74362	FILT. AND PURIFYING APP. FOR LIQ	.0	1225.5	662.5	953.7	260.2
74426	CONVEYORS, MECHANICAL	.0	16.0	296.4	128.2	279.8
74525	WEIGHING MACHINERY	.0	216.0	108.0	171.0	146.5
TOTAL		.0	10292.4	6016.1	8106.6	2236.5



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COMMODITY CODE : 3118-1

## CAPITAL GOODS DEVELOPMENT PROJECT IN TURKEY

## CAPITAL GOODS REQUIREMENT FOR SUGAR VALUE IN 1000 US\$

SITC CODE	BASIC MACHINE NAME	1986	1987	1988	1989	1990	TOTAL
69211	RESERVOIRS, TANKS ETC	.0	.0	.0	.0	71.6	1018.6
72726	SUGAR MANUFACTURING MACH.	.0	.0	.0	.0	238.7	3116.0
72727	SUGAR MANUFACTURING MACH.	.0	.0	.0	.0	658.8	4881.4
72831	SCREENS, WET CLASS., SEPARATORS	.0	.0	.0	.0	.0	148.8
74132	IND. AND LAB. ROA-ELEC. FURNACE	.0	.0	.0	.0	150.0	1110.0
74161	HEAT EXCHANGERS	.0	.0	.0	.0	752.4	4394.5
74162	EVAPORATORS	.0	.0	.0	.0	495.0	4145.0
74163	HEATING, COOKING AND ROAST-EQ.	.0	.0	.0	.0	50.0	400.0
74164	DRYERS	.0	.0	.0	.0	30.0	272.0
74220	CENTRIFUGAL PUMPS	.0	.0	.0	.0	.0	1263.3
74230	ROTARY PUMPS	.0	.0	.0	.0	.0	53.6
74312	VACUUM PUMPS AND EJECTORS	.0	.0	.0	.0	15.0	105.0
74351	CENTRIFUGES	.0	.0	.0	.0	580.0	4320.0
74362	FILT. AND PURIFYING APP. FOR LIQ	.0	.0	.0	.0	367.5	3470.5
74426	CONVEYORS, MECHANICAL	.0	.0	.0	.0	.0	720.4
74525	WEIGHING MACHINERY	.0	.0	.0	108.0	.0	749.5
TOTAL		.0	.0	.0	108.0	3409.0	30168.6

UNIDO-SPCC SUGAR)

CAPITAL GOODS DEVELOPMENT PROJECT IN TURKEY

CAPITAL GOODS REQUIREMENT FOR SUGAR

SITC CODE	BASIC MACHINE NAME	1991	1992
69211	RESERVOIRS-TANKS ETC	119.2	.0
72726	SUGAR MANUFACTURING MACH.	13.0	238.0
72831	SCREENS, WET CLASS. SEPARATORS	37.2	.0
74132	IND. AND LAB. NON-ELEC. FURNACE	12.0	.0
74220	CENTRIFUGAL PUMPS	205.2	.0
74230	ROTARY PUMPS	13.4	.0
74362	FILT. AND PURIFYING APP. FOR LIQ	119.2	.0
74426	CONVEYORS, MECHANICAL	128.2	.0
74525	WEIGHING MACHINERY	.0	31.5
TOTAL		647.4	269.5

COMMODITY CODE : 3118-1

VALUE IN 1000 US\$

	1993	1994	1995	TOTAL
	.0	.0	.0	
	.0	.0	.0	
	.0	.0	.0	
	.0	.0	.0	
	.0	.0	.0	
	.0	.0	.0	
	.0	.0	.0	
	.0	.0	.0	
	.0	.0	.0	
	.0	.0	.0	
	.0	.0	.0	

UN100\*SPCC SUGAR)

CAPITAL GOODS DEVELOPMENT PROJECT IN TURKEY

CAPITAL GOODS REQUIREMENT FOR

SITC CODE	BASIC MACHINE NAME	1996
69211	RESERVOIRS-TANKS ETC	.0
72726	SUGAR MANUFACTURING MACH.	.0
72831	SCREENS, NET CLASS., SEPARATORS	.0
74132	IND. AND LAB. NON-ELEC. FURNACE	.0
74220	CENTRIFUGAL PUMPS	.0
74230	ROTARY PUMPS	.0
74362	FILT. AND PURIFYING APP. FOR LIQ	.0
74426	CONVEYORS, MECHANICAL	.0
74525	WEIGHING MACHINERY	.0
TOTAL		.0

COMMODITY CODE : 3118-1

SUGAR	VALUE IN 1000 US\$			
1997	1998	1999	2000	TOTAL
.0	.0	.0	.0	119.2
.0	.0	.0	.0	251.0
.0	.0	.0	.0	37.2
.0	.0	.0	.0	12.0
.0	.0	.0	.0	205.2
.0	.0	.0	.0	13.4
.0	.0	.0	.0	119.2
.0	.0	.0	.0	128.2
.0	.0	.0	.0	31.5
.0	.0	.0	.0	916.9

UNION-SPOCSUGAR

CAPITAL GOODS DEVELOPMENT PROJECT IN TURKEY

PERMUTATION OF FABRICATED EQUIPMENT FOR SUGAR

WEIGHT IN TONS

SIC CODE	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	TOTAL
69211	0.00	45.40	257.80	179.90	116.90	0.90	0.00	0.00	0.00	3.00	603.00
221	0.00	14.00	7.00	7.00	0.00	0.00	0.00	0.00	0.00	7.00	35.00
321	0.00	289.00	98.00	98.00	62.00	0.00	0.00	0.00	0.00	98.00	645.00
TPLM	0.00	348.40	362.80	284.90	178.90	0.00	0.00	0.00	0.00	108.00	1283.00
72727	0.00	2.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	5.00
321	0.00	130.00	50.00	50.00	50.00	0.00	0.00	0.00	0.00	50.00	330.00
721	0.00	1200.00	300.00	450.00	0.00	0.00	0.00	0.00	0.00	300.00	2250.00
TPLM	0.00	1332.00	351.00	501.00	50.00	0.00	0.00	0.00	0.00	351.00	2585.00
74132	0.00	1.00	0.50	0.50	0.50	0.00	0.00	0.00	0.00	0.00	2.50
621	0.00	350.00	175.00	475.00	0.00	0.00	0.00	0.00	0.00	175.00	1175.00
TPLM	0.00	351.00	175.50	475.50	0.50	0.00	0.00	0.00	0.00	175.00	1177.50
74161	0.00	18.00	9.00	9.00	0.00	0.00	0.00	0.00	0.00	9.00	45.00
321	0.00	128.00	14.00	95.00	0.00	0.00	0.00	0.00	0.00	14.00	251.00
321	0.00	1091.20	464.60	675.60	60.00	0.00	0.00	0.00	0.00	464.60	2710.00
TPLM	0.00	1237.20	464.60	779.60	60.00	0.00	0.00	0.00	0.00	464.60	3006.00
74162	0.00	1081.00	344.00	968.00	0.00	0.00	0.00	0.00	0.00	344.00	2752.00

IPLM			0.00	1096.00	344.00	964.00
	74163	321	0.00	144.00	36.00	54.00
IPLM			0.00	144.00	36.00	54.00
	74164	321	0.00	72.00	18.00	54.00
IPLM			0.00	72.00	18.00	54.00
	74351	152	0.00	261.00	337.50	243.00
IPLM			0.00	261.00	337.50	243.00
	74362	121	0.00	0.00	33.60	22.00
		221	0.00	100.00	84.00	142.00
		321	0.00	402.00	265.00	380.00
		421	0.00	240.00	40.00	40.00
IPLM			0.00	742.00	422.60	584.00

0.00 0.00 0.00 0.00 0.00 344.90 2752.00

0.00 0.00 0.00 0.00 0.00 36.00 270.00

0.00 0.00 0.00 0.00 0.00 36.00 270.00

0.00 0.00 0.00 0.00 0.00 18.90 162.00

0.00 0.00 0.00 0.00 0.00 18.00 162.00

0.00 0.00 0.00 0.00 0.00 130.50 972.00

0.00 0.00 0.00 0.00 0.00 130.50 972.00

8.00 0.00 0.00 0.00 0.00 0.00 63.60

42.00 0.00 0.00 0.00 0.00 0.00 368.00

45.00 0.00 0.00 0.00 0.00 145.00 1237.00

80.00 0.00 0.00 0.00 0.00 40.00 440.00

175.00 0.00 0.00 0.00 0.00 185.00 2108.60



UNIDO-SPDC(SUGAR)

CAPITAL GOODS DEVELOPMENT PROJECT IN TURKEY

PERMUTATION OF FABRICATED EQUIPMENT FOR SUGAR

SIC CODE		WEIGHT IN TONS			
		1991	1992	1993	1994
69211	121	122.40	0.00	0.00	0.00
TPLM		122.40	0.00	0.00	0.00
74132	161	0.50	0.00	0.00	0.00
TPLM		0.50	0.00	0.00	0.00
74362	121	6.00	0.00	0.00	0.00
	221	40.00	0.00	0.00	0.00
	321	45.00	0.00	0.00	0.00
TPLM		93.00	0.00	0.00	0.00

1995	1996	1997	1998	1999	2000	TOTAL
0.00	0.00	0.00	0.00	0.00	0.00	122.40
0.00	0.00	0.00	0.00	0.00	0.00	122.40
0.00	0.00	0.00	0.00	0.00	0.00	0.50
0.00	0.00	0.00	0.00	0.00	0.00	0.50
0.00	0.00	0.00	0.00	0.00	0.00	8.00
0.00	0.00	0.00	0.00	0.00	0.00	40.00
0.00	0.00	0.00	0.00	0.00	0.00	45.00
0.00	0.00	0.00	0.00	0.00	0.00	93.00

4

UNIDO-SPD(SUGAR)

CAPITAL GOODS DEVELOPMENT PROJECT IN TURKEY

PERMUTATION OF FABRICATED EQUIPMENT FOR SUGAR

VALUE IN 1000 US\$

SITC CODE	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	TOTAL	
69211	0.00	13.40	252.50	100.20	121.80	0.00	0.00	0.00	0.00	0.00	2.00	590.60
221	0.00	14.00	7.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	35.00
321	0.00	173.20	62.60	62.60	32.00	0.00	0.00	0.00	0.00	0.00	62.60	393.00
TPLM	0.00	220.60	322.10	250.50	153.80	0.00	0.00	0.00	0.00	0.00	71.60	1018.60
72721	0.00	5.20	2.60	2.60	0.00	0.00	0.00	0.00	0.00	0.00	2.60	13.00
321	0.00	143.60	56.20	56.20	56.20	0.00	0.00	0.00	0.00	0.00	56.20	368.40
721	0.00	2400.00	600.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00	600.00	4500.00
TPLM	0.00	2548.80	656.80	958.80	56.20	0.00	0.00	0.00	0.00	0.00	656.80	4881.40
74132	0.00	24.90	12.00	12.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	60.00
621	0.00	300.00	150.00	450.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	1050.00
TPLM	0.00	324.90	162.00	462.00	12.00	0.00	0.00	0.00	0.00	0.00	150.00	1110.00
74161	0.00	36.00	18.00	18.00	0.00	0.00	0.00	0.00	0.00	0.00	18.00	90.00
221	0.00	152.60	21.80	119.90	0.00	0.00	0.00	0.00	0.00	0.00	21.80	316.10
321	0.00	1585.20	632.60	992.60	65.40	0.00	0.00	0.00	0.00	0.00	712.60	3988.40
TPLM	0.00	1773.80	672.40	1130.50	65.40	0.00	0.00	0.00	0.00	0.00	752.40	4394.50
74162	0.00	1649.00	490.00	1515.00	0.00	0.00	0.00	0.00	0.00	0.00	495.00	4145.00

TPLM		0.00	1640.00	495.00	1515.00	0.00	0.00	0.00	0.00	0.00	495.00	4145.00
74163	321	0.00	220.00	50.00	80.00	0.00	0.00	0.00	0.00	0.00	50.00	400.00
TPLM		0.00	220.00	50.00	80.00	0.00	0.00	0.00	0.00	0.00	50.00	400.00
74164	321	0.00	121.00	30.00	91.00	0.00	0.00	0.00	0.00	0.00	30.00	272.00
TPLM		0.00	121.00	30.00	91.00	0.00	0.00	0.00	0.00	0.00	30.00	272.00
74351	152	0.00	1160.00	1500.00	1080.00	0.00	0.00	0.00	0.00	0.00	580.00	4320.00
TPLM		0.00	1160.00	1500.00	1080.00	0.00	0.00	0.00	0.00	0.00	580.00	4320.00
74362	121	0.00	0.00	40.00	27.50	10.00	0.00	0.00	0.00	0.00	0.00	77.50
	221	0.00	97.60	108.60	151.90	54.30	0.00	0.00	0.00	0.00	0.00	412.40
	321	0.00	706.00	443.40	703.80	54.90	0.00	0.00	0.00	0.00	297.00	2205.10
	421	0.00	423.00	70.50	70.50	141.00	0.00	0.00	0.00	0.00	70.50	775.50
TPLM		0.00	1226.60	662.50	953.70	260.20	0.00	0.00	0.00	0.00	367.50	3470.50





## CAPITAL GOODS DEVELOPMENT PROJECT IN TURKEY

## MACHINERY &amp; EQUIPMENT FOR SUGAR PLANT IN 1995

SITE CODE	BASIC MACHINE NAME	QTY	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
7272015521501	AUGER UNLOADER	2.00	.0	120.0	.0	.0	.0	.0	.0	.0	.0	.0	120.0
72720102002511	LEAF STALK CUTTER	1.00	.0	15.0	.0	.0	.0	.0	.0	.0	.0	.0	15.0
72720100001611	TAIL CATCHER	1.00	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0
72720100021511	SKIN CATCHER	2.00	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
727201000021211	CRY. SUGAR SHAKER	1.00	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
72720100021711	SUGAR CRUSHER	1.00	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
727201000011811	MAG. TRUCK UNLAC. SYS	1.00	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
728201000013211	MAGNETIC SEPARATOR	1.00	15.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.0
742201031221211	S. ST. CENT. PUMP (CIRC)	2.00	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
742201032121211	S. ST. CENT. PUMP (CIRC)	15.00	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
742201032221211	S. ST. CENT. PUMP (CIRC)	13.00	7.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.9
742201033271211	S. ST. CENT. PUMP (CIRC)	6.00	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2
742201015221211	S. ST. CENT. PUMP (CIRC)	2.00	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0
742201012171211	S. ST. CENT. PUMP (CIRC)	1.00	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
742201012221211	S. ST. CENT. PUMP (CIRC)	2.00	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
742201012721211	S. ST. CENT. PUMP (CIRC)	1.00	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
742201012613241	S. ST. CENT. PUMP (CIRC)	2.00	32.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	32.0
742201012221211	S. ST. CENT. PUMP (CIRC)	2.00	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3
742201012221211	S. ST. CENT. PUMP (CIRC)	1.00	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
74220101111211	GEAR PUMPS	1.00	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
7422010132021211	GEAR PUMPS	2.00	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
742201012021911	FLAT BELT CONVEYOR	1.00	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
7422010133012911	FLAT BELT CONVEYOR	1.00	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0
7422010132013911	CARTYPE PAL. CONV.	2.00	20.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.0
7422010133013911	CARTYPE PAL. CONV.	1.00	15.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.0
7422010132013911	SURE PAL. CONV.	2.00	20.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.0
7422010114011911	BUCKET ELEVATOR	1.00	12.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0
742201010111712	VEHICLE SCALE	2.00	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7422010101111111	WEIGH-HOPPER SCALES	1.00	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
742201010111911	WEIGH-HOPPER SCALES	1.00	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL :	60.00	150.00	150.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	301.00

UNIFORMS (SUNAR)

CAPITAL SOURCE DIV. EQUIPMENT PURCHASES IN TURKEY

DATE	DESCRIPTION	1951	1952	1953	1954	1955	1956	1957	1958	1959	TOTAL
7272001501101	AUGUST ORIGINALS	12.00	.00	.00	561.00	776.00	.00	.00	.00	.00	910.00
7272001501102	LEAF STICK CUTTING	3.00	.00	.00	61.00	61.00	.00	.00	.00	.00	127.00
7272001502111	SEAT WASHING MOP	9.00	279.00	52.00	52.00	104.00	.00	.00	.00	.00	520.00
7272001502112	TRAIL CATCHER	7.00	.00	.00	70.00	70.00	.00	.00	.00	.00	147.00
7272001502113	SEAT CUTTING MOP	34.00	332.00	122.00	122.00	73.00	.00	.00	.00	.00	683.00
7272001502114	SEAT CUTTING	77.00	.00	.00	3.00	5.00	.00	.00	.00	.00	85.00
7272001502115	SALINAIRS	12.00	51.20	39.00	51.20	.00	.00	.00	.00	.00	153.40
7272001502116	SALINATORS	23.00	13.00	57.50	13.00	108.70	.00	.00	.00	.00	217.20
7272001502117	COPY BOOKS	8.00	.00	7.50	8.00	12.00	.00	.00	.00	.00	35.50
7272001502118	SUNAR CRUSHER	9.00	.00	19.00	17.00	20.00	.00	.00	.00	.00	65.00
7272001502119	PARALLEL UNCLASSES	5.00	.00	7.60	3.00	7.60	.00	.00	.00	.00	19.60
7272001502120	PARALLEL UNCLASSES	4.00	.00	7.00	37.00	37.00	.00	.00	.00	.00	85.00
7272001502121	S-ST.GENT.PUMP(CIRC)	8.00	.00	22.00	11.00	11.00	.00	.00	.00	.00	52.00
7272001502122	S-ST.GENT.PUMP(CIRC)	4.00	.00	11.00	5.00	5.00	.00	.00	.00	.00	25.00
7272001502123	S-ST.GENT.PUMP(CIRC)	62.00	.00	120.00	49.50	61.50	.00	.00	.00	.00	293.00
7272001502124	S-ST.GENT.PUMP(CIRC)	24.00	.00	18.00	21.00	24.00	.00	.00	.00	.00	87.00
7272001502125	S-ST.GENT.PUMP(CIRC)	15.00	.00	21.00	35.00	37.00	.00	.00	.00	.00	108.00
7272001502126	S-ST.GENT.PUMP(CIRC)	17.00	.00	6.00	3.00	3.00	.00	.00	.00	.00	39.00
7272001502127	S-ST.GENT.PUMP(CIRC)	17.00	.00	22.00	11.00	11.00	.00	.00	.00	.00	61.00
7272001502128	S-ST.GENT.PUMP(CIRC)	3.00	.00	7.00	13.00	13.00	.00	.00	.00	.00	36.00
7272001502129	S-ST.GENT.PUMP(CIRC)	15.00	.00	19.00	42.00	122.00	.00	.00	.00	.00	298.00
7272001502130	S-ST.GENT.PUMP(CIRC)	3.00	.00	14.00	7.00	7.00	.00	.00	.00	.00	31.00
7272001502131	S-ST.GENT.PUMP(CIRC)	9.00	.00	11.00	5.00	33.00	.00	.00	.00	.00	58.00
7272001502132	GEAR PUMPS	4.00	.00	4.00	4.00	4.00	.00	.00	.00	.00	16.00
7272001502133	GEAR PUMPS	6.00	.00	13.00	9.00	9.00	.00	.00	.00	.00	37.00
7272001502134	WATERING MACHINES	21.00	30.00	15.00	35.00	10.00	.00	.00	.00	.00	111.00
7272001502135	FLAT BELT CONVEYER	4.00	.00	2.00	1.40	1.40	.00	.00	.00	.00	8.80
7272001502136	FLAT BELT CONVEYER	7.00	15.00	17.00	8.00	16.00	.00	.00	.00	.00	63.00
7272001502137	CARTRIDGE - PAL. CONV.	13.00	.00	30.00	20.00	30.00	.00	.00	.00	.00	133.00
7272001502138	CARTRIDGE - PAL. CONV.	8.00	.00	77.00	35.00	116.00	.00	.00	.00	.00	236.00
7272001502139	SCORE TABLE CONV.	5.00	.00	22.00	4.00	4.00	.00	.00	.00	.00	35.00
7272001502140	BUFFER FEEDER	3.00	.00	26.00	1.00	70.00	.00	.00	.00	.00	100.00
7272001502141	VEHICLE SCALE	9.00	.00	.00	40.00	21.00	.00	.00	.00	.00	70.00
7272001502142	VEHICLE SCALE	5.00	.00	.00	.00	.00	.00	.00	.00	.00	5.00
7272001502143	VEHICLE SCALE	33.00	.00	211.00	109.00	106.00	.00	.00	.00	.00	459.00
7272001502144	WEIGH-PUMPER SCALES	3.00	.00	.00	3.00	7.00	.00	.00	.00	.00	13.00
7272001502145	WEIGH-HOPPER SCALES	4.00	.00	.00	20.00	19.00	.00	.00	.00	.00	43.00
TOTAL :		652.00	1957.60	1463.30	1505.10	1660.00	.00	.00	103.00	257.70	6156.60





UNITED STATES DEPARTMENT OF AGRICULTURE  
 CAPITAL GAINS AND LOSSES REPORT FOR TURKEY

COMMODITY USE

ESTIMATED REQUIREMENTS FOR THE YEAR  
 LOCATION: NIGAZ  
 ANTICIPATED DATE OF COMMISSIONING: 1982  
 WEIGHT IN TONS

PLANT CAPACITY 1980 TON

19850000111

STIC CODE	BASIC MACHINE NAME	QTY	UNIT WEIGHT	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	TOTAL
692110710912211	PUMPER	1	7.000	.0	7.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0
692110710911211	TANK	1	2.500	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	2.5
6921107109311211	TANK	1	2.000	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	2.0
6921107109311211	TANK	1	2.000	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	2.0
6921107109311211	TANK	2	3.000	.0	.0	6.0	.0	.0	.0	.0	.0	.0	.0	6.0
6921107109311211	TANK	1	2.000	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	2.0
6921107109311211	TANK	2	4.500	.0	9.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0
6921107109311211	TANK	2	3.000	.0	.0	6.0	.0	.0	.0	.0	.0	.0	.0	6.0
6921107109311211	TANK	2	3.000	.0	.0	6.0	.0	.0	.0	.0	.0	.0	.0	6.0
6921107109311211	TANK	1	3.200	.0	.0	3.2	.0	.0	.0	.0	.0	.0	.0	3.2
6921107109311211	TANK	1	3.000	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	3.0
6921107109311211	TANK	1	2.500	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	2.5
6921107109311211	TANK	3	3.000	.0	.0	9.0	.0	.0	.0	.0	.0	.0	.0	9.0
6921107109311211	TANK	2	3.000	.0	.0	6.0	.0	.0	.0	.0	.0	.0	.0	6.0
6921107109311211	TANK	1	1.000	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0
6921107109311211	TANK	1	3.000	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	3.0
6921107109311211	TANK	1	2.500	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	2.5
6921107109311211	TANK	1	3.000	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	3.0
6921107109311211	TANK	1	2.500	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	2.5
6921107109311211	TANK	2	1.000	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	2.0
6921107109311211	TANK	10	2.000	.0	.0	20.0	.0	.0	.0	.0	.0	.0	.0	20.0
692110711321211	TANK	3	3.000	.0	.0	9.0	.0	.0	.0	.0	.0	.0	.0	9.0
692110711321211	TANK	1	3.000	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	3.0
692110711321211	TANK	3	1.500	.0	.0	4.5	.0	.0	.0	.0	.0	.0	.0	4.5
692110711321211	TANK	2	2.600	.0	.0	5.2	.0	.0	.0	.0	.0	.0	.0	5.2
692110711321211	TANK	2	2.000	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	4.0
692110711321211	TANK	1	3.000	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
692110911023211	VAT	3	15.500	.0	46.5	.0	.0	.0	.0	.0	.0	.0	.0	46.5
692110911023211	VAT	2	12.000	.0	24.0	.0	.0	.0	.0	.0	.0	.0	.0	24.0
692110911023211	VAT	1	15.500	.0	15.5	.0	.0	.0	.0	.0	.0	.0	.0	15.5
692110911023211	VAT	1	15.500	.0	15.5	.0	.0	.0	.0	.0	.0	.0	.0	15.5
727260155215501	ROPEEY UNLOADING MCH	2	69.000	.0	.0	.0	127.0	.0	.0	.0	.0	.0	.0	127.0
727260260025911	LEAF STONE CATCHER	1	15.000	.0	.0	.0	15.0	.0	.0	.0	.0	.0	.0	15.0
727260364074811	BEET WASHING MCH	1	35.000	.0	35.0	.0	.0	.0	.0	.0	.0	.0	.0	35.0
727260467021501	TAIL CATCHER	1	5.000	.0	.0	.0	5.0	.0	.0	.0	.0	.0	.0	5.0
7272605540023511	BEET CUTTING MCH	5	15.000	.0	75.0	.0	.0	.0	.0	.0	.0	.0	.0	75.0
727260657021511	SAND CATCHER	2	1.500	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0
727260764022211	SAND CATCHER	2	7.500	.0	.0	15.0	.0	.0	.0	.0	.0	.0	.0	15.0
727260765023211	SATURATORS	2	8.000	.0	16.0	.0	.0	.0	.0	.0	.0	.0	.0	16.0
727260765023211	SATURATORS	2	10.000	.0	20.0	.0	.0	.0	.0	.0	.0	.0	.0	20.0
727260840021211	CRY. SUGAR SHAKER	1	3.000	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	3.0
727260950021211	SOYAN CRUSHER	1	3.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
727261060011301	WAG. TRUCK UNLOAD. SYS	1	2.000	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	2.0
727261170027211	DIFFUSER	2	10.000	.0	20.0	.0	.0	.0	.0	.0	.0	.0	.0	20.0
727261280023211	LINING MCH	1	15.000	.0	15.0	.0	.0	.0	.0	.0	.0	.0	.0	15.0
727261390023211	LINING MCH	1	15.000	.0	15.0	.0	.0	.0	.0	.0	.0	.0	.0	15.0
727261400023211	LINING MCH	1	15.000	.0	15.0	.0	.0	.0	.0	.0	.0	.0	.0	15.0
727261510023211	LINING MCH	1	15.000	.0	15.0	.0	.0	.0	.0	.0	.0	.0	.0	15.0
727261620023211	LINING MCH	1	15.000	.0	15.0	.0	.0	.0	.0	.0	.0	.0	.0	15.0

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Account No.	Description	Amount	Balance	Interest	Other	Notes
1001	...	...	...	...	...	...
1002	...	...	...	...	...	...
1003	...	...	...	...	...	...
1004	...	...	...	...	...	...
1005	...	...	...	...	...	...
1006	...	...	...	...	...	...
1007	...	...	...	...	...	...
1008	...	...	...	...	...	...
1009	...	...	...	...	...	...
1010	...	...	...	...	...	...
1011	...	...	...	...	...	...
1012	...	...	...	...	...	...
1013	...	...	...	...	...	...
1014	...	...	...	...	...	...
1015	...	...	...	...	...	...
1016	...	...	...	...	...	...
1017	...	...	...	...	...	...
1018	...	...	...	...	...	...
1019	...	...	...	...	...	...
1020	...	...	...	...	...	...
1021	...	...	...	...	...	...
1022	...	...	...	...	...	...
1023	...	...	...	...	...	...
1024	...	...	...	...	...	...
1025	...	...	...	...	...	...
1026	...	...	...	...	...	...
1027	...	...	...	...	...	...
1028	...	...	...	...	...	...
1029	...	...	...	...	...	...
1030	...	...	...	...	...	...
1031	...	...	...	...	...	...
1032	...	...	...	...	...	...
1033	...	...	...	...	...	...
1034	...	...	...	...	...	...
1035	...	...	...	...	...	...
1036	...	...	...	...	...	...
1037	...	...	...	...	...	...
1038	...	...	...	...	...	...
1039	...	...	...	...	...	...
1040	...	...	...	...	...	...
1041	...	...	...	...	...	...
1042	...	...	...	...	...	...
1043	...	...	...	...	...	...
1044	...	...	...	...	...	...
1045	...	...	...	...	...	...
1046	...	...	...	...	...	...
1047	...	...	...	...	...	...
1048	...	...	...	...	...	...
1049	...	...	...	...	...	...
1050	...	...	...	...	...	...
1051	...	...	...	...	...	...
1052	...	...	...	...	...	...
1053	...	...	...	...	...	...
1054	...	...	...	...	...	...
1055	...	...	...	...	...	...
1056	...	...	...	...	...	...
1057	...	...	...	...	...	...
1058	...	...	...	...	...	...
1059	...	...	...	...	...	...
1060	...	...	...	...	...	...
1061	...	...	...	...	...	...
1062	...	...	...	...	...	...
1063	...	...	...	...	...	...
1064	...	...	...	...	...	...
1065	...	...	...	...	...	...
1066	...	...	...	...	...	...
1067	...	...	...	...	...	...
1068	...	...	...	...	...	...
1069	...	...	...	...	...	...
1070	...	...	...	...	...	...
1071	...	...	...	...	...	...
1072	...	...	...	...	...	...
1073	...	...	...	...	...	...
1074	...	...	...	...	...	...
1075	...	...	...	...	...	...
1076	...	...	...	...	...	...
1077	...	...	...	...	...	...
1078	...	...	...	...	...	...
1079	...	...	...	...	...	...
1080	...	...	...	...	...	...
1081	...	...	...	...	...	...
1082	...	...	...	...	...	...
1083	...	...	...	...	...	...
1084	...	...	...	...	...	...
1085	...	...	...	...	...	...
1086	...	...	...	...	...	...
1087	...	...	...	...	...	...
1088	...	...	...	...	...	...
1089	...	...	...	...	...	...
1090	...	...	...	...	...	...
1091	...	...	...	...	...	...
1092	...	...	...	...	...	...
1093	...	...	...	...	...	...
1094	...	...	...	...	...	...
1095	...	...	...	...	...	...
1096	...	...	...	...	...	...
1097	...	...	...	...	...	...
1098	...	...	...	...	...	...
1099	...	...	...	...	...	...
1100	...	...	...	...	...	...

744264132013541	SCREW PADDLE CONV.	7	19.119	.0	.0	20.7	.0	.0	.0	.0	.0	.0	.0	20.7
744265114611911	BUCKET ELEVATOR	1	12.000	.0	.0	12.0	.0	.0	.0	.0	.0	.0	.0	12.0
745259210111713	VEHICLE SCALE	7	1.200	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
745250268112211	VEHICLE SCALE	6	10.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
745259413111111	WEIGH-HOPPER SCALES	1	1.750	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
745250420111911	WEIGH-HOPPER SCALES	1	7.500	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.5
	PLATE FABRICATED	0.00	1170.60	235.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1406.00
	MACHINES	0.00	559.00	155.00	144.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	698.70
	TOTAL	0.00	2439.60	390.40	144.70	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	2587.70





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742643201394	SCA. PABLS CHAY.	2	23.00	0	2	75.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
742502111172	VEHICLE SCALE	2	10.00	0	0	20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
742502111211	VEHICLE SCALE	6	18.00	0	113.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
742502111111	ATOM-HOPPER SCALES	1	1.00	0	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
742502111911	ALIGN-HOPPER SCALES	1	19.00	0	0	19.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	PLATE FABRICATED	0.00	2431.00	233.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MACHINES	0.00	1020.50	388.00	269.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL	0.00	3551.50	621.20	297.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00















745264132011941	SCREEN PAILICE CONV.	2	23.000	.0	.0	45.0	.0	.0	.0	.0	.0	.0	.0	45.0
744265114011911	BUCKET ELEVATOR	1	14.000	.0	.0	14.0	.0	.0	.0	.0	.0	.0	.0	14.0
745250210111712	VEHICLE SCALE	2	17.000	.0	.0	.0	24.0	.0	.0	.0	.0	.0	.0	24.0
745250266112211	VEHICLE SCALE	5	18.000	.0	108.0	.0	.0	.0	.0	.0	.0	.0	.0	108.0
745250418111111	WEIGH-HOPPER SCALES	1	1.000	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	1.0
745250427111911	WEIGH-HOPPER SCALES	1	11.000	.0	.0	.0	10.0	.0	.0	.0	.0	.0	.0	10.0
	PLATE FABRICATED	0.00	2431.00	233.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2664.20
	MACHINES	0.00	1727.50	395.00	259.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1635.00
	TOTAL	0.00	3451.50	629.20	259.50	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4303.20

UNIT SPOT SURVEY  
CAPITAL GOODS DEVELOPMENT PROJECT IN TURKEY

CURRENCY CODE :

EQUIPMENT REQUIREMENTS FOR THE M/F  
LOCATION: SAMSUN

CATEGORY :

PLANT CAPACITY 5000 T/D

ANTICIPATED DATE OF COMPLETION : 1985  
WEIGHT IN TONS

30302002711

SITE CODE	BASIC EQUIPMENT NAME	QTY	UNIT WEIGHT	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	TOTAL
692110219011211	BUNKER	1	7.000	.0	.0	7.0	.0	.0	.0	.0	.0	.0	.0	7.0
692110710311211	TANK	1	2.000	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	2.0
692110710311211	TANK	2	3.000	.0	.0	.0	6.0	.0	.0	.0	.0	.0	.0	6.0
692110711311211	TANK	1	2.000	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	2.0
692110710311211	TANK	1	2.000	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	2.0
692110710311211	TANK	2	2.500	.0	.0	.0	5.0	.0	.0	.0	.0	.0	.0	5.0
692110710311211	TANK	2	3.000	.0	.0	.0	6.0	.0	.0	.0	.0	.0	.0	6.0
692110710311211	TANK	1	3.200	.0	.0	.0	3.2	.0	.0	.0	.0	.0	.0	3.2
692110710311211	TANK	1	3.000	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	3.0
692110710311211	TANK	1	2.500	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	2.5
692110710311211	TANK	2	2.000	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	4.0
692110710311211	TANK	2	3.000	.0	.0	.0	6.0	.0	.0	.0	.0	.0	.0	6.0
692110710311211	TANK	1	2.000	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	2.0
692110710311211	TANK	1	3.000	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	3.0
692110710311211	TANK	1	2.000	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	2.0
692110710311211	TANK	1	3.000	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	3.0
692110710311211	TANK	1	2.500	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	2.5
692110710311211	TANK	2	1.000	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	2.0
692110710311211	TANK	1	2.500	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	2.5
692110711311211	TANK	2	1.000	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	2.0
692110711311211	TANK	10	2.000	.0	.0	.0	20.0	.0	.0	.0	.0	.0	.0	20.0
692110711311211	TANK	3	3.000	.0	.0	.0	9.0	.0	.0	.0	.0	.0	.0	9.0
692110711311211	TANK	1	2.500	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	2.5
692110711311211	TANK	2	1.000	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	2.0
692110711311211	TANK	1	3.000	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	3.0
692110711311211	TANK	2	2.000	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	4.0
692110711311211	TANK	1	3.000	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	3.0
692110911923211	VAT	3	15.000	.0	.0	.0	45.0	.0	.0	.0	.0	.0	.0	45.0
692110911023211	VAT	2	12.000	.0	.0	.0	24.0	.0	.0	.0	.0	.0	.0	24.0
692110911023211	VAT	1	15.000	.0	.0	.0	15.0	.0	.0	.0	.0	.0	.0	15.0
727200155212001	ROCKET MOTOR	2	15.000	.0	.0	.0	30.0	.0	.0	.0	.0	.0	.0	30.0
727200269023911	LEAF SIGN CATCHER	1	15.000	.0	.0	.0	15.0	.0	.0	.0	.0	.0	.0	15.0
727200300024011	BEAT WASHING MCH	1	35.000	.0	.0	.0	35.0	.0	.0	.0	.0	.0	.0	35.0
727200462021501	TAIL CATCHER	1	5.000	.0	.0	.0	5.0	.0	.0	.0	.0	.0	.0	5.0
727200547023511	WET PUTTING MCH	1	15.000	.0	.0	.0	15.0	.0	.0	.0	.0	.0	.0	15.0
727200600021911	SAND CATCHER	2	2.500	.0	.0	.0	5.0	.0	.0	.0	.0	.0	.0	5.0
727200700021011	SAND CATCHER	1	1.000	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	1.0
727200700022111	SAND CATCHER	2	3.000	.0	.0	.0	6.0	.0	.0	.0	.0	.0	.0	6.0
727200755003211	GENERATOR	2	10.000	.0	.0	.0	20.0	.0	.0	.0	.0	.0	.0	20.0
727200840021211	OPY. SUGAR GRINDER	1	3.000	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	3.0
727200940021211	SUGAR CRUSHER	1	3.000	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	3.0
727201000011801	WAG. TRUCK UNLD. D. SYS	1	2.000	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	2.0
727201000022211	DIFFUSER	1	15.000	.0	.0	.0	15.0	.0	.0	.0	.0	.0	.0	15.0
727201000023211	LIMING UNIT	2	15.000	.0	.0	.0	30.0	.0	.0	.0	.0	.0	.0	30.0
727201000024211	LIMING UNIT	2	10.000	.0	.0	.0	20.0	.0	.0	.0	.0	.0	.0	20.0
727201000025211	LIMING UNIT	1	1.000	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	1.0







**COMMUNITY CODE 1**

**CAPITAL GOODS DEVELOPMENT PROJECT IN TURKEY**

LOCATION: SAMSON

DATE OF CONSTRUCTION: 1971

VALUE IN US \$ (1000)

ITEM CODE	DESCRIPTION	QTY	UNIT COST	1971	1982	1983	1984	1985	1986	1987	1988	1989	TOTAL
69211021001221	BUNKER	1	7.000	.00	.00	7.00	.00	.00	.00	.00	.00	.00	7.00
59211021001221	TRUCK	1	2.000	.00	.00	2.00	4.00	.00	.00	.00	.00	.00	6.00
69211021001221	PUMP	2	2.500	.00	.00	5.00	5.00	.00	.00	.00	.00	.00	10.00
69211021001221	TRUCK	3	2.500	.00	.00	7.50	7.50	.00	.00	.00	.00	.00	15.00
69211021001221	TRUCK	1	1.500	.00	.00	1.50	1.50	.00	.00	.00	.00	.00	3.00
69211021001221	TRUCK	1	3.000	.00	.00	3.00	3.00	.00	.00	.00	.00	.00	6.00
69211021001221	TRUCK	1	2.600	.00	.00	2.60	2.60	.00	.00	.00	.00	.00	5.20
69211021001221	TRUCK	1	2.600	.00	.00	2.60	2.60	.00	.00	.00	.00	.00	5.20
69211021001221	TRUCK	1	3.000	.00	.00	3.00	3.00	.00	.00	.00	.00	.00	6.00
69211021001221	TRUCK	2	1.500	.00	.00	3.00	3.00	.00	.00	.00	.00	.00	6.00
69211021001221	TRUCK	1	2.000	.00	.00	2.00	2.00	.00	.00	.00	.00	.00	4.00
69211021001221	TRUCK	1	2.000	.00	.00	2.00	2.00	.00	.00	.00	.00	.00	4.00
69211021001221	TRUCK	2	2.000	.00	.00	4.00	4.00	.00	.00	.00	.00	.00	8.00
69211021001221	TRUCK	2	2.000	.00	.00	4.00	4.00	.00	.00	.00	.00	.00	8.00
69211021001221	TRUCK	2	2.000	.00	.00	4.00	4.00	.00	.00	.00	.00	.00	8.00
69211021001221	TRUCK	2	2.000	.00	.00	4.00	4.00	.00	.00	.00	.00	.00	8.00
69211021001221	TRUCK	2	2.000	.00	.00	4.00	4.00	.00	.00	.00	.00	.00	8.00
69211021001221	TRUCK	2	2.000	.00	.00	4.00	4.00	.00	.00	.00	.00	.00	8.00
69211021001221	TRUCK	2	2.000	.00	.00	4.00	4.00	.00	.00	.00	.00	.00	8.00
69211021001221	TRUCK	2	2.000	.00	.00	4.00	4.00	.00	.00	.00	.00	.00	8.00
69211021001221	TRUCK	2	2.000	.00	.00	4.00	4.00	.00	.00	.00	.00	.00	8.00
69211021001221	TRUCK	2	2.000	.00	.00	4.00	4.00	.00	.00	.00	.00	.00	8.00
69211021001221	TRUCK	2	2.000	.00	.00	4.00	4.00	.00	.00	.00	.00	.00	8.00
69211021001221	TRUCK	2	2.000	.00	.00	4.00	4.00	.00	.00	.00	.00	.00	8.00

















7-26-132013941	SCREEN PADDLE CONV.	2	23.003	.0	.0	.0	20.0	.0	.0	.0	.0	.0	.0	.0	.0	16.0
7-26-132011911	BUCKET ELEVATOR	1	14.003	.0	.0	.0	14.0	.0	.0	.0	.0	.0	.0	.0	.0	14.0
7-26-132011712	VEHICLE SCALE	2	13.003	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7-26-132011211	VEHICLE SCALE	6	16.000	.0	.0	.0	104.0	.0	.0	.0	.0	.0	.0	.0	.0	133.0
7-26-132011111	WEIGH-HOPPER SCALES	1	1.503	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7-26-132011191	WEIGH-HOPPER SCALES	1	10.003	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PLATE FABRICATED		0.00	3.00	0.00	2431.00	233.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2654.20
MACHINES		0.00	0.00	1.00	1023.50	396.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1416.50
TOTAL		0.00	0.00	0.00	3451.50	627.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4070.70

UNIONBROS SUGAR I  
 CAPITAL GOODS DEVELOPMENT PROJECT IN TURKEY  
 EQUIPMENT REQUIREMENTS FOR THE NEW  
 LOCATION KARS  
 ANTICIPATED DATE OF COMPLETION: 1992  
 WEIGHT IN TONS

SIC CODE	BASIC MACHINE NAME	QTY	UNIT WEIGHT	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	TOTAL
69211021012211	PUMPER	1	7.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0
6921101132211	TANK	1	3.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
6921101102211	VAL	1	15.500	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.5
5921101102211	VAL	2	12.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24.0
5921101132211	VAL	1	12.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0
6921101132211	VAL	1	15.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.0
72726036024511	BEAT WASHING MCH	1	35.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	35.0
72726036024511	BEAT CUTTING MCH	5	15.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	75.0
72726076022211	SALT RATORS	2	5.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0
72726076022211	WATER PUMPS	2	17.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	34.0
72726076022211	DIFFUSER	2	150.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	300.0
727275056022211	LIME UNIT	2	15.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	30.0
72727516193211	LIME UNIT	2	10.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.0
72727516193211	LIME UNIT	1	1.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
72727516193211	LIME UNIT	1	175.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	175.0
72727516193211	HEAT EXCHANGER	2	5.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0
72727516193211	HEAT EXCHANGER	2	7.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.0
72727516193211	HEAT EXCHANGER	2	7.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.0
72727516193211	HEAT EXCHANGER	6	17.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	102.0
72727516193211	COOLER	1	18.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.0
72727516193211	COOLER	6	17.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	102.0
72727516193211	COOLER	2	13.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26.0
72727516193211	COOLER	16	13.500	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	216.0
72727516193211	EVAPORATORS	5	15.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	75.0
72727516193211	VACUUM PANS	2	27.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	54.0
72727516193211	VACUUM PANS	3	20.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	60.0
72727516193211	VACUUM PANS	5	20.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0
72727516193211	DIAPHRAGM PUMPS (GIA)	2	14.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28.0
72727516193211	WATER PUMPS	1	18.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.0
72727516193211	WATER-RINS ROTARY	1	4.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
72727516193211	CENTRIFUGES (FIL T)	6	5.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	30.0
72727516193211	CENTRIFUGES (FIL T)	4	5.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.0
72727516193211	CENTRIFUGES (FIL T)	14	5.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	70.0
72727516193211	CENTRIFUGES (FIL T)	7	5.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	35.0
72727516193211	CENTRIFUGES (FIL T)	1	4.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
72727516193211	MULTI-PHASE PUMP	1	1.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
72727516193211	VEHICLE SPALL	5	17.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	85.0
72727516193211	PLATE FABRICATED MACHINES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
72727516193211	PLATE FABRICATED MACHINES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
72727516193211	PLATE FABRICATED MACHINES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

TOTAL





UNIONISTOOL SUGAR  
CAPITAL GOODS DEVELOPMENT PROJECT IN TURKEY  
EQUIPMENT REQUIREMENTS FOR THE NEW PLANT CAPACITY 3000 T/D  
LOCATION: KAYS  
ANTICIPATED DATE OF COMMISSIONING: 1972  
VALUE IN US \$ (1972)

COMMODITY CODE 1

SITC CODE	BASIC MACHINE NAME	CITY	UNIT	QTY	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	TOTAL
65211021012211	BUNKER		1	7.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
65211071121211	TANK		1	2.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
652110911023211	VAL		3	6.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0
652110911023211	VAL		7	5.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7
652110911023211	VAL		1	6.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
652110911023211	VAL		1	14.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0
727210711024211	HEAT WASHING MCH		1	52.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.0
727210711024211	HEAT WASHING MCH		2	15.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0
727210711024211	SATURATORS		2	15.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0
727210711024211	SATURATORS		2	15.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0
727210711024211	DIFFUSER		2	30.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0
727210711024211	HEATING UNIT		2	15.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0
727210711024211	HEATING UNIT		2	12.500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0
727210711024211	HEATING UNIT		1	5.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
741202031021211	LIME FURNACES		1	150.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	150.0
741202031021211	HEAT EXCHANGER		2	9.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0
741202031021211	HEAT EXCHANGER		2	11.350	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.7
741202031021211	HEAT EXCHANGER		2	19.900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.8
741202031021211	HEAT EXCHANGER		2	11.350	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.7
741202031021211	HEAT EXCHANGER		1	20.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
741202031021211	COOLER		1	23.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0
741202031021211	COOLER		6	23.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	138.0
741202031021211	COOLER		2	23.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.0
741202031021211	COOLER		14	23.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	322.0
741202031021211	EVAPORATORS		1	23.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0
741202031021211	VACUUM PANS		5	32.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	160.0
741202031021211	VACUUM PANS		2	32.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0
741202031021211	VACUUM PANS		3	32.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96.0
741202031021211	VACUUM PANS		2	25.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0
741202031021211	OTHERS (C&A)		1	30.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0
741202031021211	ROTARY DRUMS		3	5.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
741202031021211	WATER-RING ROTARY		1	23.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0
741202031021211	CENTRIFUGES (C&A)		2	23.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.0
741202031021211	CENTRIFUGES (C&A)		1	23.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0
741202031021211	CENTRIFUGES (C&A)		4	23.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	92.0
741202031021211	CENTRIFUGES (C&A)		7	23.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	161.0
741202031021211	MULTIPLE TRANS TRACK		1	20.500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.5
741202031021211	SUMMER PRESS		1	27.700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.7
741202031021211	VEHICLE SCALE		6	13.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78.0
	PLANT FABRICATED			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	MACHINES			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	TOTAL			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000





UNITED STATES GOVERNMENT  
 CAPITAL GEAR DEVELOPMENT PROJECT IN TURKEY  
 EQUIPMENT REQUIREMENTS FOR THE LESPEDISKA SUBSTRUCTURE  
 LOCATION: RAFTICIESIK  
 REFERENCE DATE OF COMPLETION: 1957  
 WEIGHT IN TONS

COMMODITY CODE  
 PLANT CAPACITY 7000 TPD

250370005611

SYIC CODE	BASIC MACHINE NAME	QTY	UNIT	WEIGHT	1948	1949	1953	1954	1955	1956	1957	1958	1959	1960	TOTAL
692110710311211	TANK	2		1,000	.0	.0	.0	7.0	.0	.0	.0	.0	.0	.0	7.0
592110710311221	TANK	2		2,500	.0	.0	.0	19.0	.0	.0	.0	.0	.0	.0	19.0
692110710311231	TANK	1		2,000	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	2.0
692110710311241	TANK	1		2,000	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	2.0
692110710311251	TANK	2		2,000	.0	.0	.0	6.0	.0	.0	.0	.0	.0	.0	6.0
692110710311261	TANK	2		2,500	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	3.0
692110710311271	TANK	4		3,000	.0	.0	.0	12.0	.0	.0	.0	.0	.0	.0	12.0
692110710311281	TANK	2		2,500	.0	.0	.0	5.0	.0	.0	.0	.0	.0	.0	5.0
692110710311291	TANK	1		5,500	.0	.0	.0	4.5	.0	.0	.0	.0	.0	.0	4.5
692110710311301	TANK	1		1,000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
692110710311311	TANK	3		3,500	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	1.0
692110710311321	TANK	2		3,000	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	3.0
692110710311331	TANK	2		3,000	.0	.0	.0	6.0	.0	.0	.0	.0	.0	.0	6.0
692110710311341	TANK	2		2,000	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	2.0
692110710311351	VAL	5		15,500	.0	.0	.0	82.0	.0	.0	.0	.0	.0	.0	82.0
727210710311361	AGGREGATE CONCRETE	2		8,000	.0	.0	.0	12.0	.0	.0	.0	.0	.0	.0	12.0
727210710311371	LEAF SIGN CATCHER	1		18,000	.0	.0	.0	15.0	.0	.0	.0	.0	.0	.0	15.0
727210710311381	SEAL CATCHER	2		5,000	.0	.0	.0	7.0	.0	.0	.0	.0	.0	.0	7.0
727210710311391	SEAL CATCHER	3		5,000	.0	.0	.0	15.0	.0	.0	.0	.0	.0	.0	15.0
727210710311401	SEAL CATCHER	1		0,500	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.5
727210710311411	STRIP CUTTER	1		8,000	.0	.0	.0	16.0	.0	.0	.0	.0	.0	.0	16.0
727210710311421	SATURATORS	2		3,000	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	3.0
727210710311431	DRY SUGAR SHAKER	2		3,000	.0	.0	.0	6.0	.0	.0	.0	.0	.0	.0	6.0
727210710311441	SUGAR TROUSER	2		1,400	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	1.7
727210710311451	PACKING TRUCK	1		2,000	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	2.0
727210710311461	OFFROSEY	1		15,000	.0	.0	.0	15.0	.0	.0	.0	.0	.0	.0	15.0
727210710311471	LIMING UNIT	2		15,000	.0	.0	.0	30.0	.0	.0	.0	.0	.0	.0	30.0
727210710311481	LIMING UNIT	2		3,000	.0	.0	.0	20.0	.0	.0	.0	.0	.0	.0	20.0
727210710311491	GAS PRODUCERS	1		3,500	.0	.0	.0	4.5	.0	.0	.0	.0	.0	.0	4.5
727210710311501	WEAR EXCHANGER	3		7,000	.0	.0	.0	61.0	.0	.0	.0	.0	.0	.0	61.0
727210710311511	SEAL EXCHANGER	3		13,000	.0	.0	.0	50.0	.0	.0	.0	.0	.0	.0	50.0
727210710311521	SEAL EXCHANGER	2		14,000	.0	.0	.0	57.0	.0	.0	.0	.0	.0	.0	57.0
727210710311531	COOLER	18		13,000	.0	.0	.0	234.0	.0	.0	.0	.0	.0	.0	234.0
727210710311541	EXCHANGER	2		15,000	.0	.0	.0	18.0	.0	.0	.0	.0	.0	.0	18.0
727210710311551	EXCHANGER	2		20,000	.0	.0	.0	48.0	.0	.0	.0	.0	.0	.0	48.0
727210710311561	HEATING TRAY	1		13,000	.0	.0	.0	13.0	.0	.0	.0	.0	.0	.0	13.0
727210710311571	EXCHANGER	3		14,000	.0	.0	.0	36.0	.0	.0	.0	.0	.0	.0	36.0
727210710311581	EXCHANGER	2		2,500	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	1.2
727210710311591	EXCHANGER	2		2,500	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	1.2
727210710311601	EXCHANGER	2		2,500	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	1.2
727210710311611	EXCHANGER	2		2,500	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	1.2
727210710311621	EXCHANGER	2		2,500	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	1.2
727210710311631	EXCHANGER	2		2,500	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	1.2
727210710311641	EXCHANGER	2		2,500	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	1.2
727210710311651	EXCHANGER	2		2,500	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	1.2
727210710311661	EXCHANGER	2		2,500	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	1.2
727210710311671	EXCHANGER	2		2,500	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	1.2
727210710311681	EXCHANGER	2		2,500	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	1.2
727210710311691	EXCHANGER	2		2,500	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	1.2
727210710311701	EXCHANGER	2		2,500	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	1.2



743821161012211	CONT. CLAR. FILTERS	20	3.000	.00	.00	101.00	.00	.00	.00	.00	.00	.00	.00	.00	117.00
743821321221211	TUB. PR. FILTER	7	2.000	.00	.00	14.00	.00	.00	.00	.00	.00	.00	.00	.00	14.00
743821420503211	CONT. DRUM FILTER	3	15.000	.00	.00	45.00	.00	.00	.00	.00	.00	.00	.00	.00	45.00
743826120003211	SCRE. PRESS	10	14.500	.00	.00	145.00	.00	.00	.00	.00	.00	.00	.00	.00	145.00
743250135012911	FLY WELT CONVEYOR	1	3.000	.00	.00	3.00	.00	.00	.00	.00	.00	.00	.00	.00	3.00
743261432139311	CARTYPE - PAL.CCNV.	1	10.000	.00	.00	10.00	.00	.00	.00	.00	.00	.00	.00	.00	10.00
743261435013911	CARTYPE - PAL.CCNV.	2	15.000	.00	.00	30.00	.00	.00	.00	.00	.00	.00	.00	.00	30.00
743265114011911	SUCKET ELEVATOR	4	12.000	.00	.00	48.00	.00	.00	.00	.00	.00	.00	.00	.00	48.00
743250210111712	VEHICLE SCALE	1	9.200	.00	.00	9.20	.00	.00	.00	.00	.00	.00	.00	.00	9.20
743250285112211	VEHICLE SCALE	4	13.000	.00	.00	50.00	.00	.00	.00	.00	.00	.00	.00	.00	50.00
743255410111111	WEIGH-RUPPER SCALES	4	3.750	.00	.00	15.00	.00	.00	.00	.00	.00	.00	.00	.00	15.00
	PLATE FABRICATED	0.10	0.00	0.00	1.6600	208.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1574.00
	MACHINES	0.00	3.00	3.00	166.00	516.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	782.20
	TOTAL	0.00	3.00	0.00	1532.00	924.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2656.20

UNION-SUGAR  
 CAPITAL GOODS DEVELOPMENT PROJECT IN TURKEY  
 EQUIPMENT REQUIREMENTS FOR THE EXPANSION PROGRAM  
 LOCATION: BALIKESIR  
 ANTICIPATED DATE OF COMPLETION: 1985  
 VALUE IN US \$ (1000)

SITE CODE	EQUIP. MACHINE NAME	QTY	UNIT COST	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	TOTAL
692107131121	TANK	4	3,500	.0	.0	14.0	.0	.0	.0	.0	.0	.0	.0	14.0
692107131122	TANK	2	1,500	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	3.0
692107131123	TANK	2	2,000	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	4.0
692107131124	TANK	1	2,000	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	2.0
692107131125	TANK	1	2,000	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	2.0
692107131126	TANK	2	1,500	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	3.0
692107131127	TANK	4	2,500	.0	.0	10.0	.0	.0	.0	.0	.0	.0	.0	10.0
692107131128	TANK	2	4,000	.0	.0	8.0	.0	.0	.0	.0	.0	.0	.0	8.0
692107131129	TANK	1	3,000	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	3.0
692107131130	TANK	1	1,000	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0
692107131131	TANK	3	1,200	.0	.0	3.6	.0	.0	.0	.0	.0	.0	.0	3.6
692107131132	TANK	3	5,000	.0	.0	15.0	.0	.0	.0	.0	.0	.0	.0	15.0
692107131133	TANK	2	2,000	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	4.0
692107131134	TANK	2	2,000	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	4.0
692107131135	TANK	4	5,000	.0	.0	20.0	.0	.0	.0	.0	.0	.0	.0	20.0
692107131136	TANK	1	3,000	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	3.0
692107131137	TANK	1	1,000	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0
692107131138	TANK	1	3,000	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	3.0
692107131139	TANK	1	3,500	.0	.0	3.5	.0	.0	.0	.0	.0	.0	.0	3.5
692107131140	TANK	2	5,000	.0	.0	10.0	.0	.0	.0	.0	.0	.0	.0	10.0
692107131141	TANK	3	15,200	.0	.0	45.6	.0	.0	.0	.0	.0	.0	.0	45.6
692107131142	TANK	3	24,500	.0	.0	73.5	.0	.0	.0	.0	.0	.0	.0	73.5
692107131143	TANK	1	1,000	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0
692107131144	TANK	1	1,000	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0
692107131145	TANK	2	153,000	.0	.0	306.0	.0	.0	.0	.0	.0	.0	.0	306.0
692107131146	TANK	2	162,000	.0	.0	324.0	.0	.0	.0	.0	.0	.0	.0	324.0
692107131147	TANK	3	4,200	.0	.0	12.6	.0	.0	.0	.0	.0	.0	.0	12.6
692107131148	TANK	1	7,750	.0	.0	7.75	.0	.0	.0	.0	.0	.0	.0	7.75
692107131149	TANK	2	300,000	.0	.0	600.0	.0	.0	.0	.0	.0	.0	.0	600.0
692107131150	TANK	1	300,000	.0	.0	300.0	.0	.0	.0	.0	.0	.0	.0	300.0
692107131151	TANK	2	15,500	.0	.0	31.0	.0	.0	.0	.0	.0	.0	.0	31.0
692107131152	TANK	2	12,500	.0	.0	25.0	.0	.0	.0	.0	.0	.0	.0	25.0
692107131153	TANK	1	17,000	.0	.0	17.0	.0	.0	.0	.0	.0	.0	.0	17.0
692107131154	TANK	1	17,000	.0	.0	17.0	.0	.0	.0	.0	.0	.0	.0	17.0
692107131155	TANK	4	10,500	.0	.0	42.0	.0	.0	.0	.0	.0	.0	.0	42.0
692107131156	TANK	8	10,500	.0	.0	84.0	.0	.0	.0	.0	.0	.0	.0	84.0
692107131157	TANK	15	20,000	.0	.0	300.0	.0	.0	.0	.0	.0	.0	.0	300.0
692107131158	TANK	24	30,000	.0	.0	720.0	.0	.0	.0	.0	.0	.0	.0	720.0
692107131159	TANK	2	30,000	.0	.0	60.0	.0	.0	.0	.0	.0	.0	.0	60.0
692107131160	TANK	2	30,000	.0	.0	60.0	.0	.0	.0	.0	.0	.0	.0	60.0
692107131161	TANK	2	3,500	.0	.0	7.0	.0	.0	.0	.0	.0	.0	.0	7.0
692107131162	TANK	3	17,000	.0	.0	51.0	.0	.0	.0	.0	.0	.0	.0	51.0
692107131163	TANK	2	3,500	.0	.0	7.0	.0	.0	.0	.0	.0	.0	.0	7.0
692107131164	TANK	2	3,500	.0	.0	7.0	.0	.0	.0	.0	.0	.0	.0	7.0
692107131165	TANK	3	25,000	.0	.0	75.0	.0	.0	.0	.0	.0	.0	.0	75.0
692107131166	TANK	2	5,000	.0	.0	10.0	.0	.0	.0	.0	.0	.0	.0	10.0
692107131167	TANK	2	5,000	.0	.0	10.0	.0	.0	.0	.0	.0	.0	.0	10.0
692107131168	TANK	25	20,000	.0	.0	500.0	.0	.0	.0	.0	.0	.0	.0	500.0
692107131169	TANK	2	70,000	.0	.0	140.0	.0	.0	.0	.0	.0	.0	.0	140.0

7436211002211	CONV. CLAP. FILTERS	29	4.533	0.0	0.0	0.0	0.0	0.0	97.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	97.8
7436233212111	Hub. PR. FILIP?	7	2.533	0.0	0.0	0.0	0.0	0.0	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5
743624430532111	CONV. DRUM FILTER	3	13.303	0.0	0.0	0.0	0.0	0.0	56.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.7
743626120003211	SCREW PRESS	10	29.700	0.0	0.0	0.0	0.0	0.0	297.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	297.0
74426133012911	FLAT BELT CONV. VTR	1	3.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
744261432013911	CARTYPE - PAL. CO. V.	1	10.000	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
74426153013911	CARTYPE - PAL. CO. V.	2	39.803	0.0	0.0	0.0	0.0	0.0	77.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.6
744265114011911	BUCKET ELEVATOR	4	14.003	0.0	0.0	0.0	0.0	0.0	56.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.0
745250219111712	VEHICLE SCALE	1	19.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
745250266112211	VEHICLE SCALE	6	18.003	0.0	0.0	0.0	0.0	0.0	108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	108.0
745250410111111	WEIGH-HOPPER SCALES	2	1.500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PARTS FABRICATED			0.00	0.00	0.00	0.00	0.00	0.00	253.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	253.20
MACHINES			0.70	1.00	0.00	0.00	0.00	0.00	330.60	1079.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1610.20
TOTAL			0.00	0.00	0.00	0.00	0.00	0.00	2929.13	1337.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4266.93

UNIONASAPIC SUGAR I

CAPITAL BODDS DEVELOPMENT PROJECT IN TURKEY

EQUIPMENT REQUIREMENTS FOR THE EXPANSION PHASE  
 LOCATION: ANKARA  
 ANTICIPATED DATE OF COMPLETION: 1988  
 WEIGHT IN TONS

SIC CODE	BASIC MACHINE NAME	QTY	UNIT	1981	1982	1983	1984	1985	1986	1987	1988	1989	1991	TOTAL
692110710311231	TANK	1	2.500	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	2.5
692110710311231	TANK	1	2.500	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	2.5
692110710311231	TANK	2	2.500	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	5.2
692110710311231	TANK	1	3.000	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
692110710311231	TANK	3	3.000	.0	9.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0
692110710311231	TANK	3	1.000	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
72720150211501	AD-BEET UNLOADER-MCH	1	69.000	.0	.0	.0	60.0	.0	.0	.0	.0	.0	.0	60.0
72720150211501	BEST WASHING MCH	1	35.000	.0	35.0	.0	.0	.0	.0	.0	.0	.0	.0	35.0
72720150211501	TAIL CATCHER	1	5.000	.0	.0	.0	5.0	.0	.0	.0	.0	.0	.0	5.0
72720150211501	BELT CUTTING MCH	1	13.000	.0	13.0	.0	.0	.0	.0	.0	.0	.0	.0	13.0
72720150211501	SPRING CATCHER	1	3.500	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5
72720150211501	CATERPILLAR	2	17.000	.0	20.0	.0	.0	.0	.0	.0	.0	.0	.0	20.0
72720150211501	CR. SUGAR SHAKER	1	3.000	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	3.0
72720150211501	SCREW CRUSHER	1	1.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
72720150211501	GRINDER	2	15.000	.0	10.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0
72720150211501	GRINDER	2	15.000	.0	10.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0
72720150211501	GRINDER	1	175.000	.0	.0	.0	150.0	.0	.0	.0	.0	.0	.0	150.0
72720150211501	FEED TROUGH	2	10.000	.0	20.0	.0	.0	.0	.0	.0	.0	.0	.0	20.0
72720150211501	FEED CATCHER	3	10.000	.0	30.0	.0	.0	.0	.0	.0	.0	.0	.0	30.0
72720150211501	COOLER	6	12.000	.0	12.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0
72720150211501	EVAPORATORS	4	14.000	.0	14.0	.0	.0	.0	.0	.0	.0	.0	.0	14.0
72720150211501	VACUUM PANS	7	20.000	.0	20.0	.0	.0	.0	.0	.0	.0	.0	.0	20.0
72720150211501	STIRRS (MIA)	2	15.000	.0	15.0	.0	.0	.0	.0	.0	.0	.0	.0	15.0
72720150211501	ROTARY MIXERS	1	13.000	.0	13.0	.0	.0	.0	.0	.0	.0	.0	.0	13.0
72720150211501	S-ST. CENT. PUMP (C.R.C.)	1	2.500	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	1.5
72720150211501	S-ST. CENT. PUMP (C.R.C.)	2	2.500	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5
72720150211501	S-ST. CENT. PUMP (C.R.C.)	1	9.600	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.6
72720150211501	S-ST. CENT. PUMP (C.R.C.)	2	15.000	.0	15.0	.0	.0	.0	.0	.0	.0	.0	.0	15.0
72720150211501	WATER-ING ROTARY	2	4.000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
72720150211501	CENTRIFUG. FILTER	23	4.000	.0	10.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0
72720150211501	MULTIPLE TRAYS TRICK	2	40.000	.0	80.0	.0	.0	.0	.0	.0	.0	.0	.0	80.0
72720150211501	COMB. CLAR. FILTERS	10	5.000	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0
72720150211501	FOR. PR. FILTER	4	2.000	.0	.0	.0	6.8	.0	.0	.0	.0	.0	.0	6.8
72720150211501	COILS	7	15.000	.0	15.0	.0	.0	.0	.0	.0	.0	.0	.0	15.0
72720150211501	SCREEN PRESS	7	6.000	.0	6.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
72720150211501	CONVEYOR	1	3.000	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
72720150211501	CARTON PALLET	2	10.000	.0	20.0	.0	.0	.0	.0	.0	.0	.0	.0	20.0
72720150211501	SHUTTLE ELEVATOR	1	17.000	.0	17.0	.0	.0	.0	.0	.0	.0	.0	.0	17.0
TOTAL														1523.1





COMMODITY CODE 1

OKUCUSKOC SUGAR I  
 CAPITAL GOODS DEVELOPMENT PROJECT IN TURKEY  
 EQUIPMENT REQUIREMENTS FOR THE EXPANSION PROJECT  
 LOCATION: KASTAMONU  
 ANTICIPATED DATE OF COMPLETION: 1988  
 VALUE IN US \$ (1985)

SIC CODE	BASIC MACHINE NAME	QTY	UNIT COST	1981	1982	1983	1984	1985	1987	1988	1989	1990	TOTAL
65211071011211	TANK	1	4,000	0	4,000	0	0	0	0	0	0	0	4,000
65211071011211	TANK	1	1,000	0	1,000	0	0	0	0	0	0	0	1,000
652110711321211	TANK	2	2,600	0	5,200	0	0	0	0	0	0	0	5,200
652110711321211	TANK	3	3,000	0	9,000	0	0	0	0	0	0	0	9,000
652110711321211	TANK	3	2,000	0	6,000	0	0	0	0	0	0	0	6,000
652110711321211	TANK	3	8,000	0	24,000	0	0	0	0	0	0	0	24,000
727260155315601	AU. SECT. VALUAD. MCH	1	94,000	0	0	94,000	0	0	0	0	0	0	94,000
727260602311	SEAT PASSES MCH	1	52,000	0	52,000	0	0	0	0	0	0	0	52,000
72726060201501	TAIL CATCHER	1	15,200	0	15,200	0	0	0	0	0	0	0	15,200
72726060201501	BELL CUTTER MCH	3	27,500	0	82,500	0	0	0	0	0	0	0	82,500
72726060201501	SAND CATCHER	2	16,200	0	32,400	0	0	0	0	0	0	0	32,400
72726060201501	CRY. SUGAR SHAKER	1	4,250	0	4,250	0	0	0	0	0	0	0	4,250
72726060201501	STOCKS CRUSHER	1	3,200	0	3,200	0	0	0	0	0	0	0	3,200
72726060201501	DIFFUSER	2	300,000	0	600,000	0	0	0	0	0	0	0	600,000
72726060201501	CRUSHER	2	15,500	0	31,000	0	0	0	0	0	0	0	31,000
72726060201501	LINE FURNACE	1	150,000	0	150,000	0	0	0	0	0	0	0	150,000
72726060201501	HEAT EXCHANGER	2	10,000	0	20,000	0	0	0	0	0	0	0	20,000
72726060201501	MEAT EXCHANGER	3	10,000	0	30,000	0	0	0	0	0	0	0	30,000
72726060201501	COOLER	4	21,000	0	84,000	0	0	0	0	0	0	0	84,000
72726060201501	EVAPORATORS	7	35,000	0	245,000	0	0	0	0	0	0	0	245,000
72726060201501	DRUMS (NIA)	2	30,000	0	60,000	0	0	0	0	0	0	0	60,000
72726060201501	ROTARY DRIVERS	1	37,000	0	37,000	0	0	0	0	0	0	0	37,000
72726060201501	5-ST. CENT. PUMP (C/F)	1	3,500	0	3,500	0	0	0	0	0	0	0	3,500
72726060201501	5-ST. CENT. PUMP (C/F)	1	17,000	0	17,000	0	0	0	0	0	0	0	17,000
72726060201501	5-ST. CENT. PUMP (C/F)	1	2,500	0	2,500	0	0	0	0	0	0	0	2,500
72726060201501	5-ST. CENT. PUMP (C/F)	2	25,000	0	50,000	0	0	0	0	0	0	0	50,000
72726060201501	WATER-RIAS ROTARY	2	5,000	0	10,000	0	0	0	0	0	0	0	10,000
72726060201501	CENTRIFUGAL PUMP	23	25,000	0	575,000	0	0	0	0	0	0	0	575,000
72726060201501	MULTIPLE TRAYS THICK	2	70,500	0	141,000	0	0	0	0	0	0	0	141,000
72726060201501	CURT. CURT. FILTER	10	2,500	0	25,000	0	0	0	0	0	0	0	25,000
72726060201501	100. PR. FILTER	4	2,500	0	10,000	0	0	0	0	0	0	0	10,000
72726060201501	CONV. DRUM FILTER	1	15,000	0	15,000	0	0	0	0	0	0	0	15,000
72726060201501	SCREW PRESS	7	8,000	0	56,000	0	0	0	0	0	0	0	56,000
72726060201501	PERT BELT CONVECTOR	2	5,000	0	10,000	0	0	0	0	0	0	0	10,000
72726060201501	CARTYPE - PAL-CCV.	2	10,000	0	20,000	0	0	0	0	0	0	0	20,000
72726060201501	PLATE FAB. (C/F)	0	912,000	498,000	150,000	0	0	0	0	0	0	0	1,000,000
72726060201501	PLATE FAB. (C/F)	0	750,000	150,000	150,000	0	0	0	0	0	0	0	1,050,000
72726060201501	TOTAL	0	7,310,165,700	5,310,165,700	2,780,700	0	0	0	0	0	0	0	13,401,651,400

