

SECTOR: AGRICULTURE
 Subsector: IRRIGATION
 PROJECT or
 TITLE:

CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
05-06-00001	Portable Centrifugal Pumping Set with accessories and generating sets. See App. 6A codes 00011-00018 and 00032-00034 and 00043	1,186	
05-06-00002	Pumps and generating sets for water wells See App. 6A codes 00019-00023	3,220	
05-06-00003	Horizontal Centrifugal Pump Set and Accessories. See App. 6A codes 00024-00026	32	
05-06-00004	Dewatering Pumps See App. 6A codes 00030 - 00031 and codes 00040 - 00042	32	
05-06-00005	Pumps for water treatment plants and Irrigation. See App. 6A codes 00035-00039	222	
05-06-00006	Different Types Of Pumps. See App. 6A codes 00027-00029	8	
05-06-00007	Main Electrical Motor For Pumps See App. 6B	348	
05-06-00008	Spare Parts For Pumping Stations. See App. 9A	As stated in App. 9A	
05-06-00009	Spare Parts For Al-Jazirah main Pumping Station. See App. 9B-1	As stated in App. 9B - 1	
05-06-00010	Spare Parts For Sprinkler Irrigation system See App. 9B- 2	As stated in App. 9B -2	
	APPENDIX 6 A . PUMPING SETS FOR IRRIGATION AND DRAINAGE		
05-06-00011	Portable Centrifugal Pumping Set and Accessories, 3 x 380 V - 50 Hz. Motors, Discharge 1 m ³ /sec, Total Head up to 25m., Static Suction Head 4 - 5 m.	400	
05-06-00012	Portable Centrifugal Pumping Set and Accessories. 3 x 380 V - 50 Hz. Motors, Discharge 0.5 m ³ /sec Total Head up to 25 m., Static Suction Head 4 - 5 m.	100	

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CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
05-06-00013	Portable Centrifugal Pumping Set and Accessories. 3 x 380 V - 50 Hz. Motors, Discharge 1 m ³ /sec Total Head 30 m., Static Suction Head 4 - 5 m.	15	
05-06-00014	Portable Diesel Centrifugal Pumping Set and Accessories, Discharge 1 m ³ / sec., Total Head up to 25 m. Static Suction Head 4 - 5 m.	200	
05-06-00015	Portable Diesel Centrifugal Pumping Set and Accessories. Discharge 0.5 m ³ /sec, Total Head up to 25m., Static Suction Head 4 - 5 m.	50	
05-06-00016	Vertical pumps set with electrical motors And Accessories , Discharge from 0.25 to 5.5 m ³ /sec , Total head from 3 to 93 m	96	
05-06-00017	Submersible Pump And Accessories, for dewatering different discharges and head	50	
05-06-00018	Submersible Pump And Accessories, 55 KW, 380 V, 50 Hz motors, Discharge 70 L / Sec., Total Head 55 m.	10	
	Pumps For Water Wells (different energy used including solar energy)		
05-06-00019	Electrical water well pumps Q=05-30 lit/sec, with spare parts	1,500	
05-06-00020	* Turbine pumps driven by diesel engine Q = 5 - 20 l/sec., Total Head 100 - 70 meter	800	
05-06-00021	* Submersible Pumps Q = 5 - 20 l/sec., Total Head 100 - 350 meter	600	
05-06-00022	* Diesel generating sets mounted on a steel frame with a weather protecting cover and lighting systems capacity (5- 75) KVA .	250	
05-06-00023	* Diesel generating sets mounted on a steel frame, with a weather protecting cover , capacity (250-1500) KVA .	70	
05-06-00024	Horizontal Centrifugal Pump Set and accessories. (Fixed blade pump), Q=20m ³ /sec, Total Head = 5.6 m, 2000 KW, 6KV, Three phase 50HZ, synchronous motor with accessories .	4	

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CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
05-06-00025	Horizontal Centrifugal Pump Set and Accessories, Adjustable blade axial pump, Q = (13.5- 25)m3/sec, Total Head = 5.6 m , 2000 KW, 6KV, Three phase, 50HZ,syhnchronous motor with accessories .	4	
05-06-00026	* Centrifugal Pump set (diffrent discharges and head) for service water supply with mechanical and electrical equipments with accessories for Nassiryia pumping station .	10	
05-06-00027	Pump with coupling between Hydraulic unit and the pump including flexible Hose (C2 4 ½" x 5") and accessories,Q = 400 L/min	4	
05-06-00028	Submersible Pump And Accessories,54 KW, 3 x 380 V, 50 Hz. Motors,Discharge 3 m3/min.Total Head 50 m.	2	
05-06-00029	Submersible Pump And Accessories,30 KW, 3 x 380 V, 50 Hz motors,Discharge 2 m3 / min.,Total Head 30 m.	2	
05-06-00030	Horizontal Pump Set and Accessorie, Q= 200 L/Sec, 3x380 V, 50HZ , 300Kw	10	
05-06-00031	Horizontal Pump Set and Accessories. Q=3.4 m3/sec, H = 85 m , 3x11 KV, 3450Kw	1	
05-06-00032	Vertical Pumps Set with electrical Motors and Accessories,Q= 2 m3/sec,H = up to 50 m	15	
05-06-00033	Horizontal Centrifugal Pumps Set with electrical Motors and Accessories,Q= 0.3 - 0.5 m3/sec,H = up to 50 m	110	
05-06-00034	Vertical Pumps Set with electrical Motors and Accessories,Q= 0.4 - 3.7 m3/sec,H = 40 m - 60 m	120	
05-06-00035	Effluent pump (for clear water) ,Head= 8m,Q=55 m 3/ hr	4	
05-06-00036	Back wash pump (for clear water) ,Head = 10 m,Q = 227 m3/ hr,motor = 11 kw ,R.P.M. = 1450 ,V = 380 / 660	10	
05-06-00037	Pumps (25 - 1050)HP,Head (20-360)m driven by diesel engine or electrical motor with all accessories	200	
05-06-00038	Dosing pump :Prominet electronic:Head =15m,Q=34/92 l/hr motor 220 v, 50 hz	4	
05-06-00039	Dosing pump : Dosator : Head = 80 m, Q= 2 . 9 l/hr motor 220 / 380 V , 50 hz, R.P.M. =1350 / 36	4	

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CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
05-06-00040	Submersible pump :V = 380 , 7.5 kw, R.P.M =1500, 50 HZ H= (15 - 20) m, Q = 54 m3 /hr	10	
05-06-00041	pump :Q = 60 m 3 / hr, H = 20 m	7	
05-06-00042	pump :Q = 50 m 3 / hr, H = (60 - 80) m	4	
05-06-00043	Horizontal Centrifugal Pumps driven by electrical motor or diesel engin with all Accessories,Q=100 lit/sec ,H = 90 m	20	
	APPENDIX 6 B . MAIN ELECTRICAL MOTOR FOR PUMPS		
05-06-00044	Main Motor type 3AHR 354- 4,(200 KW,380 V,1500r.p.m) Horizontal	100	
05-06-00045	Main motor for pump type MY - 500 B, and motor type KPR 315 M4 (132 KW, 380 V) Horizontal	50	
05-06-00046	Horizontal electrical motor, Syhncronous type, thyaristor starting ; (800 kw, 6kv, 500rpm, 50 Hz)	3	
05-06-00047	Vertical electric motor, slip ring type rotor resistance starting (315 KW, 380V, 600 rpm, 50 HZ)	2	
05-06-00048	Vertical electric motor, slip ring type rotor resistance starting (630 KW, 6KV, 500 rpm, 50 HZ)	4	
05-06-00049	Vertical electric motor, slipring type rotor resistance starting (350 KW, 6KV, 500 rpm,50 HZ)	2	
05-06-00050	Vertical electric motor , Sequirral cage type(D.O.L starting) (700 KW, 6 KV, 500 rpm, 50 HZ)	3	
05-06-00051	Vertical electric motor, slip ring type rotor resistance starting (520 KW, 3300V, 500 rpm, 50 HZ)	4	
05-06-00052	Vertical electric motor,(630 KW, 6 KV,500 rpm, 50 HZ)	2	
05-06-00053	Vertical electric motor. D.O.L starting, (500 KW, 6 KV,600 rpm,50 HZ)	4	
05-06-00054	Horizontal electric motor, slip ring type , (150 KW, 380V, 750 rpm, 50 HZ)	3	
05-06-00055	Horizontal electric motor , star- delta starting,(130 KW,380 V, 1000 rpm, 50 HZ)	3	
05-06-00056	Horizontal electric motor,star- delta starting,(280 KW,380 V, 50 HZ)	100	
05-06-00057	Vertical electric motor rotor resistance starting(315 KW,500 rpm ,6 KV, 50HZ)	4	
05-06-00058	Horizontal Induction electric motor D.O.L starting ,(630KW, 1485 rpm, 6 KV, 50HZ)	4	
05-06-00059	Horizontal electric motor , (340 KW,380 V, 50 HZ)	50	

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CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
05-06-00060	Vertical induction motor slip ring movable type , with rotor resistance (8 stages mounted in oil box),the upper bearing of the motor should be thrust bearing type,The motor is (500 KW , 3.3 KV,500 r.p.m.)	4	
05-06-00061	3- phase Asynchronous Vertical motor 1350 Kw , 6Kv , 50 Hz , 590 RPM	2	
05-06-00062	3- phase Asynchronous Vertical motor 850 Kw , 6Kv , 50 Hz , 590 RPM	2	
05-06-00063	Horizontal slip ring induction motor 3450 Kw , 11Kv , 50 Hz ,750 RPM	2	