

SECTOR: AGRICULTURE
Subsector: IRRIGATION
PROJECT or
TITLE:

CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
05-07-00001	Sprinkler Equipment For Irrigation Projects. See App. 7 code 00013 and codes 00050 - 00051	380 + 1000	
05-07-00002	Maintenance Equipment and accessories For Irrigation Projects. See App. 7 codes 00016-00033 ,00039 - 00044 ,00047-00049,00052, 00066-00073 , 00077-00078 , 00081-00086 00088-00091 , 00093-00098 and 00100-00106	46228 + 5000 + 40000	pcs + ton + m2
05-07-00003	Maintenance Grouting processes. See App. 7 codes 00045-00046	4	
05-07-00004	Maintenance Dredging Equipment's. See App. 7 codes 00034-00037and 00092	37	
05-07-00005	Field Maintenance Units See App. 7 code 00038	1,200	
05-07-00006	Maintenance Equipment See App. 7 code 00015, 00074,00079 and 00099	12 + 12500	+ tons
05-07-00007	Tunnel boring machine See App. 7 code 00014 and code 00075 - 00076	184	
05-07-00008	Flood protection material See App. 7 code	1,000,000	
05-07-00009	Maintenance of concrete structure See App. 7 code 00053 - 00056	900	Kg
05-07-00010	Maintenance of irrigation distribution network See App. 7 code 00057	2,000	m
05-07-00011	Maintenance material of Irrigation Projects See App. 7 codes 00058- 00063and 00087	10000 22000 5000 15000	pcs tons m3 m
05-07-00012	Maintenance material of Irrigation canal and drainage systems in the Irrigation Projects See App. 7 code 00064 - 00065	1,000,000	
	APPENDIX 7 MAINTENANCE EQUIPMENT FOR IRRIGATION PROJECTS AND MATERIALS REQUIRED		
05-07-00013	Sprinkler Irrigation system linear move machine (ditch feed and hose feed) to irrigate 40-120 ha for each one with accessories.	380	
05-07-00014	Shield boring machine for tunnel excavation with provision of precast unit placing with accessories	2	
05-07-00015	Diaphragm boring machine up to 60m depth with accessories	2	
05-07-00016	Flushing Machine for field drain	150	

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CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
05-07-00017	Trench Excavator for field drain	15	
05-07-00018	Grader	100	
05-07-00019	Shovel (Tire)	550	
05-07-00020	Shovel (Crawler)	10	
05-07-00021	Hydraulic Excavator	500	
05-07-00022	Hydraulic Excavator (Tire)	140	
05-07-00023	* Drag line Excavator	120	
05-07-00024	* Mobile and tower Crane	150	
05-07-00025	* Crane mounted on truck	70	
05-07-00026	* Tractor fitted with Backhoe bucket	40	
05-07-00027	*Mobile and fixed pump Crete capacity (60-120) m3/ hr	31	
05-07-00028	- Trailer for cement transporation (30 - 40) ton	40	
05-07-00029	* Low and Flat Loader for transportation	150	
05-07-00030	Bulldozer	350	
05-07-00031	Motor Scraper	100	
05-07-00032	Tip Truck with spare parts	489	
05-07-00033	Marsh-Machine Excavator	50	
05-07-00034	Booster for dredger up to (1000 m3/hr) with accessories	10	
05-07-00035	Diesel dredger for river dredging (500m3/hr)	6	
05-07-00036	Diesel dredger for river dredging (1000m3/hr)	8	
05-07-00037	V- type diesel engine for dredger,HP = 650 and 1300 , RPM = 1500 - 1800	3	
05-07-00038	Pool transport for the rehabilitation of irrigation infrastructure in the 15 governorates. - Field Maintenance Units- for field use - Service bus capacity (20-45) passengers	1,600	
05-07-00039	Truck Mixer (for concrete 6m3)	80	
05-07-00040	Truck Tanker (for raw water 16 m3)	180	
05-07-00041	Truck fuel tanker	100	
05-07-00042	Vibrating sheep foot roller	130	
05-07-00043	Vibrating steel roller	80	
05-07-00044	Mixing plant for concrete (60-120)m3/h, (complete unit)	14	
05-07-00045	Mixing plant for grouting 20 m3/ hr ,(complete unit)	2	
05-07-00046	Mixing plant for grouting (7-10) m3/ hr,(complete unit)	2	
05-07-00047	Mobile Diesel and electrical rottary Drilling Rig with hydraulic system on crawler compilation with accessories and drilling rods .	10	
05-07-00048	Different sizes and voltage battries for the equipment , trucks , cars ,and pumping-station.	5,000	
05-07-00049	Different sizes of tyres for the equipment , trucks and cars	35,000	
05-07-00050	Sprinkler irrigation units - Rain star units - Solid sets units	200 10	

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CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
05-07-00051	Components for sprinkler irrigation system and materials needed for - Rain star units - Solid sets units	360 430	
05-07-00052	Clamshell mounted on truck or tractor for cleaning ceratophyllum (Demersum) from the Irrigation canals	100	
05-07-00053	* Poly rethen Low Density	400	Kgs
05-07-00054	* Poly rethen High Density	200	Kgs
05-07-00055	* Epoxy	200	Kgs
05-07-00056	*Sikadur	100	Kgs
05-07-00057	* Aramco pipes different sizes	2,000	m
	Galvanized steel sluices gates 1500x1500mm	100	pcs
	Galvanized steel sluices gates 2000x2000mm	100	pcs
05-07-00058	*Steel Reinforcement with Steel wire ties	20,000	tons
05-07-00059	* Plywood	2,500	m3
05-07-00060	* White wood for shuttering	2,500	m3
05-07-00061	* Raw material for producing Field drain pipe (PVC perforated pipe)	2,000	tons
05-07-00062	*Hydraulic Structure Gate variable size complete with accessories	10,000	
05-07-00063	* Rubber water stop	10,000	m
05-07-00064	*Galvanized Box Gabions	500,000	pcs
05-07-00065	* Reno mattress (Gabions)	500,000	pcs
05-07-00066	*Diesel and electrical welding set	200	
05-07-00067	* Service and Maintenance truck	30	
05-07-00068	* Mobile workshop	30	
05-07-00069	* Air compressor	30	
05-07-00070	Fork lift (3 - 10) tons	200	
05-07-00071	Lorry up to(16) tons capacity	240	
05-07-00072	Telescopic Hydraulic Excavator(tire and crawler)with accessories	40	
05-07-00073	Hydraulic Excavator equipped with mowing bucket with accessories	40	
05-07-00074	Steel plate and Jacquard plate	2,500	tons
05-07-00075	*Steel forms for tunnel lining for South Jazera Irrigation Project	2	sets
05-07-00076	Moulds for tunnel support concrete segments, with complete accessories for South Jazera Irrigation Project	180	pcs
05-07-00077	Service boat with engine	20	
05-07-00078	Motorcycles	400	
05-07-00079	Sheet - pile different sizes and lengths	10,000	tons
05-07-00080	Jute bag for flood protection	1,000,000	
05-07-00081	Wrecker truck (rescue tow truck)	50	
05-07-00082	Fuel injection pump tester	15	
05-07-00083	Portable battery charger	40	
05-07-00084	Oxy- acetyline cutter complete with	100	
05-07-00085	Electro- mechanical plate cutter complete with accessories	20	
05-07-00086	Hydraulic bending plate machine	2	
05-07-00087	Rubber seal for gates	5,000	m

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CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
05-07-00088	Passenger elevator of different capacities and floors	8	
05-07-00089	Concrete lining machine for the irrigation canals with accessories	10	
05-07-00090	Fire fighting vehicle with accessories	30	
05-07-00091	Concrete vibrator (diesel engine and electrical motor)	300	
05-07-00092	Pusher for dredger with accessories	10	
05-07-00093	Electrode for welding different sizes	5,000	ton
05-07-00094	Steel scaffolding with all accessories	40,000	m2
05-07-00095	Hydraulic Slip form and heavy lifting/ lowering complete with all equipments and	2	
05-07-00096	Pick up (2-5) tons capacity	200	
05-07-00097	Vibrating hammer for concrete pile and sheet pile driven complete with accessories	10	
05-07-00098	Hammer for concrete pile and sheet pile driven complete with accessories	10	
05-07-00099	Well point system complete with accessories	10	
05-07-00100	Oil bath complete with accessories	20	
05-07-00101	Lathe machine different types	240	
05-07-00102	Milling machine different types	60	
05-07-00103	Threading machine	5	
05-07-00104	Machine for bord piles complete with accessories and attachment	3	
05-07-00105	Hydraulic jucking machine for pipes crossing under roads and embankment with accessories	4	
05-07-00106	Cement silo capacity (50-70) ton complete with accessories	10	
05-07-00107	Welding machine with accessories and spare	120	UNIT