

ANNEX AGR I - 6

Sector: AGRICULTURE**Sub-Sector:** IRRIGATION**Activity:** Rehabilitation of Pumping Stations**Total requested fund :****Priority within the Sector:** First

Code	Item Description and its complementary items (if applicable)	Intended use (and targeted end user)	Qty. in unit	Requested fund US \$ (000)	Allocation Criteria	Time frame	
						Optimal application	Optimal delivery
05-06-00001	Portable Centrifugal Pumping Set and Accessories. See App. 6A codes 00001-00003	For improving irrigation capacity & efficiency for approx. 500,000 hectares (All irrigation and drainage pumping stations.)	205		Alternative for the existing pumps	APRIL	FEBRUARY
05-06-00002	Vertical Pump and Accessories See App. 6A code 00004	To be used in Al-Razaza pumping (Al-Razaza pumping station at Kerballa station.)	3		Alternative for the existing pumps	APRIL	FEBRUARY
05-06-00003	Pumps For Water Wells See App. 6A codes 00005-00007	For irrigation and drinking water supply (Farmers depend on ground-Water supply at Kerballa, Najaf, Tamem, Anbar, Diyala and Basrah.)	300		Alternative for the existing pumps	APRIL	FEBRUARY
05-06-00004	Horizontal Centrifugal Pump Set and Accessories. See App. 6A code 00008	Improvement of Mandeli irrigation project. (Mandeli pumping station at Diyala)	3		Alternative for the existing pumps	APRIL	FEBRUARY
05-06-00005	Different Types Of Pumps See App. 6A codes 00009-00011	Rehabilitation of grouting processes (Saddam Dam at Ninava)	6		Alternative for the existing pumps	MARCH	JANUARY FEBRUARY
05-06-00006	Main Electrical Motor For Pumps See App. 6B	Rehabilitation of pumping stations. (Pumping stations in all 15 Governorates)	86		Resemble requirement for repairs.	ALL YEAR	AS SOON AS POSSIBLE

05-06-00007	Spare Parts For Pumping Stations. See App. 9A	Maintenance of existing pumping stations (Pumping stations exist in all 15 Governorates.)	As stated in App. 9A		Resemble requirement for repairs.	ALL YEAR	AS SOON AS POSSIBLE
05-06-00008	Spare Parts For Al-Jazirah main Pumping Station. See App. 9B	Maintenance of Al-Jazirah pumping station. (Al-Jazirah pumping station at Ninava)	As stated in App. 9B		Resemble requirement for repairs	ALL YEAR	OCTOBER

APPENDIX 6 A .
PUMPING SETS FOR IRRIGATION AND DRAINAGE

Code	DESCRIPTION	QUANTITY
05-06-00009	Portable Centrifugal Pumping Set and Accessories 3 x 380 V - 50 Hz. Motors Discharge 1 m ³ / sec. Total Head 17 - 20 m. Static Suction Head 4 - 5 m.	140
05-06-00010	Portable Centrifugal Pumping Set and Accessories. 3 x 380 V - 50 Hz. Motors Discharging 0.5 m ³ /sec Total Head 17 - 20 m. Static Suction Head 4 - 5 m.	50
05-06-00011	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
05-06-00012	Vertical Pump Type KDEC / 1200 / 20 / 2500 and Accessories 1200 KW, 493 r.p.m., 6000 V (H.T.) Discharge 5 m ³ /sec. Total head 30 m.	3
05-06-00013	Pumps For Water Wells * Turbine pumps driven by electrical motor Q = 10 - 15 l/sec Total Head 100 - 70 meter	200
05-06-00014	* Turbine pumps driven by diesel engine Q = 10 - 15 l/sec. Total Head 100 - 70 meter	60
05-06-00015	* Submersible Pumps - Q = 7 - 10 l/sec. Total Head 250 - 150 meter - Q = 7 - 10 l/sec. Total Head 350 - 250 meter	40
05-06-00016	Horizontal Centrifugal Pump Set and Accessories 700 KW, 3 x 3300 V, 50 Hz. Motor Discharge 0.25 m ³ / sec Total Head 160 m.	3

05-06-00017	Silvio Ballarimi Pump with coupling between Hydraulic unit and the pump including flexible Hose (C2 4 ½" x 5") and accessories	4
05-06-00018	Submersible Pump Type Flygt Model CP 3300 - 180 HT And Accessories 54 KW, 3 x 380 V, 50 Hz. Motors Discharge 3 m3/min. Total Head 50 m.	1
05-06-00019	Pump Model CP 3206 - 180 HT And Accessories 30 KW, 3 x 380 V, 50 Hz motors Discharge 2 m2 / min. Total Head 30 m.	1

APPENDIX 6 B .
MAIN ELECTRICAL MOTOR FOR PUMPS

Code	DESCRIPTION	QUANTITY
05-06-00020	Motor type 3AHR 354 - 4 (200 KW, 380 V, 1500 R.P.M.) Horizontal	30
05-06-00021	Main motor for pump type MY - 500 B and motor type KPR 315 M4 (132 KW, 380 V, 750 R.P.M.) Horizontal	20
05-06-00022	Main motor for pump type 1200 / 20 / 2500 (1200 KW, 6000 V, 493 R.P.M.) Vertical	2
05-06-00023	Main motor for pump type KDEA 600/16/2 - 21 (200 KW, 380 V, 735 R.P.M.) Vertical	5
05-06-00024	Main motor for pump type MF 500L (315 KW, 3300 V, 585 R.P.M.) Vertical	5
05-06-00025	Main motor for pump type 26 HB - 40 of motor type (447T) (136 KW, 380 V, 1500 R.P.M.)	15
05-06-00026	Three Phase Electrical Motor Type KT 263 - 45P (700 KW, 3300 V, 1490 R.P.M., 50 Hz) Horizontal	3
05-06-00027	Vertical Electrical Motor Type DSAKJ - 5627 - 12 (630 KW, 6000 V, 500 R.P.M., 50 Hz.	2
05-06-00028	Vertical Electrical Motor (400 KW, 3300 V, 500 R.P.M., 50 Hz.)	4