

ANNEX AGR I -8

Sector: AGRICULTURE

Sub-Sector: IRRIGATION

Activity: Surveying and monitoring of water storage structures

Priority within the Sector: First

Total requested fund : _____

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
05-08-00001	Instrumentation Requirements . See App. 10B	Improving monitoring processes in dams and barrages. (All existing dams and barrages)	As stated in App. 10B		Survey / inspection	ALL YEAR	AS SOON AS POSSIBLE
05-08-00002	Surveying Equipment's See App. 10C	Improving monitoring processes in all irrigation projects. (All relevant projects in the 15 Governorates)	As stated in App. 10C		Survey / inspection and investigation	ALL YEAR	AS SOON AS POSSIBLE

APPENDIX 8.**WATER WELL DRILLING REQUIREMENTS**

Code	DESCRIPTION	QUANTITY
05-08-00003	Truck Mounted Rotary Table Drilling Rig, capable to drill water wells up to depth (250m) with operating tools and accessories.	2 Units
05-08-00004	Truck Mounted Top Head Drilling Rig, capable to drill water wells up to depth (450 m) by using air and mud with operating tools, auxillary truck mounted compressors, accessories. drilling mud , foam , rock oil , CMC ,Quebracho , Quik trol , Quik gel.	7 Units
05-08-00005	Truck Mounted Top Head Drive Drilling Rig, capable to drill water wells up to depth (800 m) by using air and mud with operating tools, auxillary truck mounted compressors, accessories, drilling mud ,foam , rock oil ,CMC , Quebracho , Quik trol , Quik gel.	1 unit
05-08-00006	Diesel truck mounted compressors for water well development (capacity 250 psig -600 CFM).	3
05-08-00007	Diesel truck mounted compressors for water well development (capacity 500psig - 400 CFM) .	3
05-08-00008	Diesel truck mounted compressors (Auxilliary) for drilling of (300-400) psig working pressure and (900-1000) ft ³ /min actual free air delivery	4

	Spare Parts & Accessories for existing drilling rigs, type (Speed Star - 15)	
05-08-00009	1. Rotary Drive	10
05-08-00010	2. Swivel Assembly	10
05-08-00011	3. Complete Engine Detroit V8 HP 370	10
05-08-00012	4. Mast Life Cylindel	20
05-08-00013	5. Top - Head Assembly	8
05-08-00014	6. Super Charge	20
05-08-00015	7. Turbo Charge	20
05-08-00016	8. Governor Assembly	20
05-08-00017	9. Elevators	24
05-08-00018	10. DHD - A100	20
05-08-00019	11. Tri Cone rock Bits (size 15 & 17 1/2 inch) for medium & hard formations.	200
05-08-00020	12. Tires (15 x 22.5)	20
05-08-00021	13. Hydraulic pumps	10
05-08-00022	14. Gear drive for rotary	5
05-08-00023	15. Swivel repair kit	50
05-08-00024	16. Swivel hose	10
05-08-00025	17. Steel wire for drawworks	700m
05-08-00026	18. Mast jack and repair kit	14
05-08-00027	19. Draw works (complete)	5
05-08-00028	20. Rotary repair kits	4
05-08-00029	21. Coupling for rotary drive	10
05-08-00030	22. Hydraulic motors	6
05-08-00031	23. Kelly size 5 1/2"	7
05-08-00032	24. Centralizing jacks for rigs	5 sets
05-08-00033	25. Overhaull repair kits for engine	6 sets
05-08-00034	26. Shaft for mud pumps 7 1/2 x 10	60
05-08-00035	27. Rotary table for SS-22	1
	Spare Parts and Accessories for drilling rigs type INGERSOLRAND	
05-08-00036	1. Complete top head drive	2
05-08-00037	2. Complete engine 650hp V12	2
05-08-00038	3. Different hydraulic pumps complete with motors	8
05-08-00039	4. Engine cooling radiators	2
05-08-00040	5. Mast cylinders and repair kits	4
05-08-00041	6. Pull down cylinders with repair kits	4
05-08-00042	7. Different control valves for control board	10
05-08-00043	8. Hydraulic hoses	2 sets
05-08-00044	9. Foam injection pump	2
05-08-00045	10. Overhaull hydraulic filters	2
05-08-00046	11. Cetralization jacks with repair kits	1 set
05-08-00047	12. Belt for coupling unit	2

	Spare Parts and Accessories for drilling rigs type PORTADRILL	
05-08-00048	1. Complete top head drive	2
05-08-00049	2. Complete engine 650hp V12	4
05-08-00050	3. Different hydraulic pumps complete with motors	12
05-08-00051	4. Engine cooling radiators	2
05-08-00052	5. Mast cylinders and repair kits	4
05-08-00053	6. Pull down cylinders with repair kits	4
05-08-00054	7. Different control valves for control board	20
05-08-00055	8. Hydraulic hoses	4 sets
05-08-00056	9. Foam injection pump	4
05-08-00057	10. Overhaull hydraulic filters	4
05-08-00058	11. Centralization jacks with repair kits	2 sets
05-08-00059	12. Belt for coupling unit	4
	Spare Parts and Accessories for drilling rigs type IBA15	
05-08-00060	1. Rotary table type URB	8
05-08-00061	2. Swivel complete type URB	10
05-08-00062	3. Kelly 3 1/2 with sub of 2 7/8	10
05-08-00063	4. Complete engine MAZ 180hp V6	10
05-08-00064	5. Shaft of mounted mud pump	100
05-08-00065	6. Hose of mud pump 5"	10
05-08-00066	7. Bush for mud pump and piston	100
05-08-00067	8. Main gear box	6
05-08-00068	9. Valves for mounted mud pump	100
05-08-00069	10. Swivel hose	10
05-08-00070	11. Different valves	10
05-08-00071	12. Steel wire for draw works	800 m
05-08-00072	13. Mast cylinder	10
05-08-00073	14. Repair kit for swivel	5 sets
05-08-00074	15. Different roll and ball bearings	100
05-08-00075	16. Different size of subs	25
05-08-00076	Casing pipes according to API. 5CT J - 55 standard (Blank and Slotted) and Johnson type screens .	75000 meter
05-08-00077	Grouting drilling pipes length 1.5 m/pc outside diameter 63.5 mm thickness 6.3 mm, weight/pc 16kg	1500
05-08-00078	Servicing rigs mounted on truck for water well maintenance and pumps installation	3