

ANNEX AGRI / 14
IRRIGATION SUPPLIES, EQUIPMENT AND SPARE PARTS

AGRI / 14 A - PORTABLE PUMPS, TUBEWELL PUMPS AND SPARE PARTS

Code	Item Description	Unit	Total Qty.	Proposed Allocation			Intended use	Complementary items	Optimal Application Date	Optimal Delivery Date	Target Beneficiaries
				DHK	ERB	SUL					
05-14-00001	Diesel engine centrifugal pumping set (8 HP) with spare parts	Sets	915	250	165	500	water lifting	05-14-00007	Nov-99	Oct-99	irrigate additional 1,850 ha
05-14-00002	Diesel engine centrifugal pumping set (12 HP) with spare parts	Sets	880	200	320	360	water lifting		Nov-99	Oct-99	irrigate additional 2,650 ha
05-14-00003	Diesel engine centrifugal pumping set (20 HP) with spare parts	Sets	270	30	90	150	water lifting		Nov-99	Oct-99	irrigate additional 1,350 ha
05-14-00004	Diesel engine centrifugal pumping set (28 HP) with spare parts	Sets	75	0	0	75	water lifting		Nov-99	Oct-99	irrigate additional 600 ha
05-14-00005	Tubewell vertical turbine pumping set complete	Pcs	280	68	106	106	water pumping	05-14-00010	Nov-99	Oct-99	irrigate additional 1,800 ha
05-14-00006	Spare parts for tubewell turbine pumps	Lot	3	1	1	1	tubewell pump maintenance	05-14-00015	Nov-99	Oct-99	activate 584 existing tubewell pumps

Total Estimated Budget US \$ 7,724,000

Quantities subject to market price and/or reschedule of funds at time of procurement

AGRI / 14 B - IRRIGATION PIPES AND WELL CASING PIPES

Code	Item Description	Unit	Total Qty.	Proposed Allocation			Intended use	Complementary items	Optimal Application Date	Optimal Delivery Date	Target Beneficiaries
				DHK	ERB	SUL					
05-14-00007	Irrigation water conveyance pipes 3",4",5" plus fittings	m	136,000	14,000	42,000	80,000	water pumps	05-14-00001 to 05-14-00004	Nov-99	Oct-99	conveyance of irrigation water
05-14-00008	Tubewell casing pipes 8" 5/8	Pcs	1,245	165	0	1,080	well development	05-14-00010	Nov-99	Oct-99	casing 50 wells
05-14-00009	Tubewell casing pipes 6" 5/8	Pcs	2185	313	0	1872	well development		Nov-99	Oct-99	casing 25 wells

Total Estimated Budget US\$ 2,124,250

Quantities subject to market price and/or reschedule of funds at time of procurement

AGRI / 14 C - IRRIGATION INFRASTRUCTURE MAINTENANCE, MACHINERY AND EQUIPMENT

Code	Item Description	Unit	Total Qty.	Proposed Allocation			Intended use	Complementary items	Optimal Application Date	Optimal Delivery Date	Target Beneficiaries
				DHK	ERB	SUL					
05-14-00010	Drilling rig and Service Rig complete with tools and accessories	Sets	6	2	2	2	well drilling	05-14-00008 to 05-14-00009	Nov-99	Oct-99	drilling 50 wells / year
05-14-00011	Wheel type hydraulic excavator and spare parts	Pcs	5	0	5	0	canal maintenance	05-14-00012 and 05-14-00013	Nov-99	Oct-99	lining 50 km/year of earth canals
05-14-00012	Shovel/Backhoe loader	Pcs	5	2	3	0	canal maintenance	05-14-00011 and 05-14-00013	Nov-99	Oct-99	cleaning 300 km/year of earth canals
05-14-00013	Bulldozer/crawler on tracks	Pcs	4	1	2	1	embankment maintenance	05-14-00011 and 05-14-00012	Nov-99	Oct-99	constructing 1.5 km/year of bunds
05-14-00014	Complete sprinkler irrigation systems	Units	12	4	4	4	supplementary irrigation	05-14-00010	Nov-99	Oct-99	pilot demonstrations
05-14-00015	Field irrigation engineering equipment	Pcs	9	2	3	4	field surveys	05-14-00016	Nov-99	Oct-99	institution building
05-14-00016	Maintenance and rehabilitation of exiting small scale irrigation projects	US \$	2,338,750	783,750	850,000	705,000	by irrigation maintenance	Package delivery essential	Nov-99	Oct-99	4,000 ha irrigated 6,100 farmers to benefit

Total Estimated Budget US\$ 5,751,750

Quantities subject to market price and/or reschedule of funds at time of procurement

Code	Item Description	Unit	Total Qty.	Proposed Allocation			Intended use	Complementary items	Optimal Application Date	Optimal Delivery Date	Target Beneficiaries
				DHK	ERB	SUL					
05-14-00017	Deep well vertical turbine pumping set complete with spare parts	Pieces	100	23	34	43	well drilling	05-14-00008 to 05-14-00009	Nov-00	Oct-00	drilling 50 wells / year
05-14-00018	Spare parts for centrifugal pumps	Lot	3	1	1	1	well drilling	05-14-00008 to 05-14-00009	Nov-00	Oct-00	drilling 50 wells / year
05-14-00019	Tubewell casing pipes 12"	Piece	500	115	170	215	well drilling	05-14-00008 to 05-14-00009	Nov-00	Oct-00	drilling 50 wells / year
05-14-00020	Tubewell casing pipes 10"	Piece	500	115	170	215	well drilling	05-14-00008 to 05-14-00009	Nov-00	Oct-00	drilling 50 wells / year
05-14-00021	Topographic Maps (with scale 1:100)	40	pieces	13	14	13	Irrigation design		Nov-00	Oct-00	agricultural university research /teaching purposes
05-14-00022	Mobile workshop	Piece	3	1	1	1			Nov-00	Oct-00	
05-14-00023	Low loader	Pieces	3	1	1	1	well drilling	05-14-00008 to 05-14-00009	Nov-00	Oct-00	drilling 50 wells / year
05-14-00024	Digital camera with accessories	Piece	1	-	1	-	Irrigation design				agricultural university research /teaching purposes
05-14-00025	Spare parts and concentric over burden drilling spares for drilling rigs	Lot	3	1	1	1	well drilling		Nov-00	Oct-00	Drilling
05-14-00026	Colour Printer	Piece	1	-	1	-	Irrigation Design				agricultural university research /teaching purposes
05-14-00027	Multi-media Beamer	Piece	2	-	2	-			Nov-00	Oct-00	
05-14-00028	Screens (mobile)	Piece	4	2	2	-			Nov-00	Oct-00	

05-14-00029	Intel Pentium Note books with floppy disk	Pieces	2	1	1	-
05-14-00030	CD Burner (external)	Pieces	2	1	1	-
05-14-00031	Zip Drive (including formatted diskettes)	Pieces	4	1	2	1
05-14-00032	Electronic Flip charts	Pieces	3	1	1	1
05-14-00033	Global Positioning Sets (including all necessary accessories)	Sets	3	1	1	1
05-14-00034	Software for drip irrigation and sprinkler irrigation design					

	Nov-00	Oct-00
	Nov-00	Oct-00
	Nov-00	Oct-00
	Nov-00	Oct-00
	Nov-00	Oct-00
	Nov-00	Oct-00