

ANNEX AGRI / 14 IRRIGATION

ANNEX AGRI / 14 A - IRRIGATION SUPPLIES, EQUIPMENT AND SPARE PARTS

Code	Item Description	Unit	Total Qty.	Proposed Allocation			Intended use	Complimentary items	Optimal Application Date	Optimal Delivery Date	Target Beneficiaries
				DHK	ERB	SUL					
AGRI / 14 A - 1 Portable and Tubewell Pumps											
05-14-00001	Diesel engine centrifugal pumping set (8 HP)	Pcs	850	150	250	450	water lifting	05-14-00005	Jun-99	May-99	irrigate additional 1,700 ha
05-14-00002	Diesel engine centrifugal pumping set (12 HP)	Pcs	700	140	200	360	water lifting		Jun-99	May-99	irrigate additional 2,100 ha
05-14-00003	Diesel engine centrifugal pumping set (20 HP)	Pcs	250	40	80	130	water lifting		Jun-99	May-99	irrigate additional 1,250 ha
05-14-00004	Deep well vertical turbine pumping set complete	Pcs	352**	42	96	120	water pumping		Jun-99	May-99	irrigate additional 1,200 ha

Total estimated budget = 5,149,600 US \$

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

AGRI / 14 A - 2 Irrigation and Well Casing Pipes

05-14-00005	Irrigation water conveyance pipes 3",4",5" plus fittings	m	120,000	28,000	46,000	46,000	water pumps	05-14-00001 to 05-14-00003	Jun-99	May-99	conveyance of irrigation water	
05-14-00006	TubeWell casing pipes 8"5/8 (25% slotted)	Pcs	*1,715*		1,715		well rehabilitation		05-14-00008	Jun-99	May-99	casing 40 wells
05-14-00007	Tubewell casing pipes 6"5/8 (35% slotted)	Pcs	1,355*		1,355*		well rehabilitation			Jun-99	May-99	casing 30 wells

Total estimated budget = 1,718,000 US \$

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

** amended 15 July 1999 and 17 November 99

* amended 23 June 1999 and 17 November 99

AGRI / 14 A - 3 Irrigation Machinery and Equipment

05-14-00008	Drilling rig complete with tools and accessories	Pcs	5*				well drilling	05-14-00006 to 05-14-00007	Jun-99	May-99	drilling 108 wells/year
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Total estimated budget = 2,700,000 US \$

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

AGRI/ 14 A - 4 Irrigation Infrastructure Maintenance and Rehabilitation

Code	Item Description	Unit	Total Qty.	Proposed Allocation			Intended use	Complimentary items	Optimal Application Date	Optimal Delivery Date	Target Beneficiaries
				DHK	ERB	SUL					
05-14-00009	Engineering works covering maintenance and rehabilitation of existing small scale irrigation projects	US \$	1,632,400	383,200	523,250	725,950	Emergency irrigation maintenance unit	Package projects	Jun-99	May-99	14,000 farmers

Total estimated budget = US\$ 1,632,400

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

05-14-00010	Drilling rig air compressor*	6*	Pcs
05-14-00011	Water tanker: - Tank capacity 7,000-10,000 liters - Diesel engine, turbo charge, water cooled - Approximately 90 HP, hydraulic steering - Transmission 6 forward plus 2 reverse speeds - Fuel tank 150 liters approx. - Standard size tyres plus spare tyres an	45	Pcs
05-14-00012	Diesel generator for tubewell electric turbine pumps*	225	unit

AGRI / 14 A - 3 Irrigation Machinery and Equipment											
Item Code	Item Description	Unit of Measurement	Total Quantity	Proposed Allocation			Intended use	Complimentary items	Optimal Application Date	Optimal Delivery Date	Target Beneficiaries
				DHK	ERB	SUL					
05-14-00013	Well servicing rig**	Pcs	3	1	1	1	Cleaning and rehabilitating non-functional wells for drought intervention	05-14-00004	Jan. 2000	Dec. 1999	Cleaning of 150 wells/ya for 150 communities

* amended 15 July 99

** amended 17 November 99