

**UNICEF WATER & SANITATION PHASE XII**  
**SUB-PROJECT : Rural Household Water Security**

Activity: Rehabilitation / Maintenance of Water Supply Systems:

Code	Description	Quantity	Unit of measurement
03-12-00001	Air-cooled diesel engine to drive a vertical turbine pump through a right angle gear. Including cardan shafts. With centrifugal clutch, electric starter, heavy duty oil bath, air cleaner, speed governor, silencer exhaust pipe, mounted fuel tank. Max altitude 1,200m. Two years spare parts. Please note that temperatures in summer exceeds 50 degree Celsius and reaches -15 degree Celsius in winter, (the unit is set).HP= 45	6	Set
03-12-00002	Horizontal electrical motor for vertical Turbine pumps , through right angle gear, 400 V , 50 Hz, 3 P and 1470 RPM, Capacity 15 Kw, for BP 27-15, (the unit is set)	6	Set
03-12-00003	Same as above, capacity 22 Kw, for BP 45-12, (the unit is set)	4	Set
03-12-00004	Electrical drainage submersible pump Q=35m3/hr, head=50m, complete set with control panel, O&M manual in English with appropriate packing.( Unit is set). Each set should have 40Nos (3ML) each of red oxide threaded column assemblies.	6	Set
03-12-00005	Same as above , but head=80m	4	Set
03-12-00006	Same as above, but head=85m	2	Set
03-12-00007	Same as above , but head=110m	2	Set
03-12-00008	Electrical booster pump for pumping treated water Q=30m3/hr, head=70m, complete set consisting from pump unit, motor, coupling, control panel, extra flanges for connecting inlet and outlet pipes, O&M manual in English with appropriate packing.( Unit is set)	3	Set
03-12-00009	Electrical booster pump for pumping treated water Q=30m3/hr, head=100m, complete set consisting from pump unit, motor, coupling, control panel, extra flanges for connecting inlet and outlet pipes, O&M manual in English with appropriate packing.( Unit is set)	3	Set
03-12-00010	Electrical booster pump for pumping treated water Q=30m3/hr, head=150m, complete set consisting from pump unit, motor, coupling, control panel, extra flanges for connecting inlet and outlet pipes, O&M manual in English with appropriate packing.( Unit is set)	3	Set
03-12-00011	Electrical booster pump for pumping treated water Q=30m3/hr, head=220m, complete set consisting from pump unit, motor, coupling, control panel, extra flanges for connecting inlet and outlet pipes, O&M manual in English with appropriate packing.( Unit is set)	3	Set
03-12-00012	Electrical booster pump for pumping treated water Q=30m3/hr, head=240m, complete set consisting from pump unit, motor, coupling, control panel, extra flanges for connecting inlet and outlet pipes, O&M manual in English with appropriate packing.( Unit is set)	3	Set
03-12-00013	Electrical booster pump for pumping treated water Q=60m3/hr, head=280m, complete set consisting from pump unit, motor, coupling, control panel, extra flanges for connecting inlet and outlet pipes, O&M manual in English with appropriate packing.( Unit is set)	3	Set
03-12-00014	Sensor, temp. Part No. 3865312	1	Each
03-12-00015	Sensor, press. Part No. 3064521	1	Each
03-12-00016	Sensor postions, Part No. 3078151	1	Each
03-12-00017	Sensor, temp. Part No. 3085185	1	Each
03-12-00018	Sensor, press. Part No. 3085140	1	Each
03-12-00019	Injector, Part No. 3804788	18	Each