

# **BOOK OF SPECIFICATIONS FOR O&M KIT AND WATER KIT**



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## General Remarks

### Description of the works



Work will be carried for Nangarhar, Laghman, Kunar and Nuristan Provinces. Details are given below:




- Supply of Operation and maintenance kit
- Supply of water kit
- The Contractor shall provide a schedule of completion for all works in duration of one month (30 days) as per the current book of specification and attached BOQ.





## DESCRIPTION/SPECIFICATIONS OF THE DIFFERENT TOOLS

### Specification of items

#### Operation and maintenance kit:



SN	Item	Specifications	Sample Picture
1	- Screwdriver	Screwdriver must be most common size or medium size number 2 with a thermoplastic made material handle, one Philips head (PH Head) and one Slot or Flat head screwdrivers  Best quality	
2	- Wrench	Wrench must be adjustable type wrench or Crescent wrench of size 12 inch and 14 inches with rubber covered handle  Best quality	





3	- Hacksaw	<p>Hacksaw must be of standard size of adjustable hacksaw with hacksaw blade length of 12 in (300 mm), 24TPI and rubber covered handle.</p> <p>Best quality</p>	
4	- Hammer	<p>One claw hammer of 3 kg One club hammer of 5 kg</p> <p>Both shall have rubber covered handle of good quality</p>	
5	- Spirit level	<p>Base Length: 150mm with prismatic measuring base of steel</p> <p>Accuracy: Plus/minus 0.5 millimeters/meter</p> <p>Good quality of aluminum</p>	
6	- Axe		

7	- Pipe wrench	Best quality of 18 inch and 36-inch pipe wrenches	
8	- Palas	Good quality of one medium and one large size	
9	- Tape Measure	50-meter best quality tape meter	
10	- Tool Box	Best quality of medium is size having 500-600 mm length	

**Water Kit:**

SN	Item	Specification	Sample Picture
1	Cylinder for pump	Cowser brand good quality and able to work under 45m deep bore hole	
2	Cylinder Rod	Cowser brand good quality	
3	Rod hanger	Cowser brand good Quality	
4	Fishing tool (cowser brand)		

5	Cone, Flapper and O-Ring	Cone 10, flapper 10 and O-Ring 10	
6	Rod Centralizer		
7	Pipe (Rising main Centralizer) +socket		
8	Nut, bold with Plate		
9	Foot valve		
10	PVC pipe 5.08cm	Super royal 2"pipe and weight be 3.8kg/3m	

11	Full hanger pin and Rod hanger pin		
12	GI Steel Rod (Two hoke)		
13	Glue for PVC pipe (1kg)		
14	Hand Pump machine	<p>Afridev/Pamir handpump or equivalent for depth beyond 45 m and weight is 18kg. (Hand pump, Head, outlet, stand, cover, handle, plates)</p>	





**Reception of the goods:**

If the conditions are not met, the Contractor shall proceed, at his own expense, to the necessary supply.

Note: all works should be done according to the BoQ considering this Book of Specification.

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