



GHAZI BAROTHA TARQIATI IDARA-GBTI

Head Officet: IRM Complex, 7 Sunrise Avenue, Park Road, Chak Shehzad, Near COMSATS University,
Islamabad. Ph: 051-8746605-7

Proposal and Selection Procedures

Delivery of construction material for DWSS Scheme at
Villages Bara Bafa & Pakhwal Tehsil and District
Monsehra

Section IV	Terms of Reference — background, objectives, scope of work, site information and technical specifications.
Section V	Bill of Quantities / Detail of Material Requirements.

Section IV: Terms of Reference

IV.1 Site Locations

Site	Location	Project Components
Site #01	Village Pakhwal Rehmat Bagh UC Behlag Tehsil and District Monsehra	Control Room (8' x8' x8.5') for Solar System Drilling of Bore 12" diameter, PVC Casing 8" diameter, delivery pipe from bore to the existing water storage tank Construction of 2 new Valve Chamber of size 3' x3'x3' 7HP WATER PUMPING SYSTEM (Proposal for 7 HP Solar Water Pumping System with inverter (8.26 KW Solar Capacity)
Site #02	Village Bara Bafa UC Lassna Thukraal, Tehsil and District Monsehra	1. Construction of GS Water Tank of 10,000 gallons capacity of stone masonry and RCC 1:2:4 with valve chambers. 2. Laying of HDPE Pipes of 2", 1.5" and ¾" diameters. 3. Drilling of Bore 8" diameter with 6" casing up to 500 ft deep with the installation of pumping machinery, submersible pump 5-7 HP.

iv.2 Scope of Work

- The bidder shall be responsible, to provide all material described in this RFP as per provided specifications at site without any loss or damage.
- The bidder shall ensure that all materials are dumped at site with the mutual consultation with the concern community.

iv.3 Schedule of Deliverables

The source requirement did not specify a delivery schedule. The bidders will be asked to propose their own implementation timeline against all type of construction materials to be delivered at site. Section V: Bill of Quantities / material detail/Schedule of Requirements

Bidders must quote firm, fixed unit rates inclusive of all applicable taxes, duties, transport, in Pakistani Rupees. Rates must be provided against every item in No./RFT/SQ.FT/CUBICFT.

Material Detail at Pakhwal Rehmat Bagh UC Behlag					
Rehabilitation of DWSS					
S/no	Description	Required Specifications of Materials	Unit	Estimated Quantity	Unit rate (Rs) including all applicable taxes and transportation
Lot # 01 -Delivery of Materials at the specified Site of village Pakhwal with12 KM lead from tehsil Monsehra					
1	Cement	Ordinary Portland Cement-Askari/Bestway/Fauji	Bag	54.00	
2	Sand	Lawrance Pur/Thakot/Equivalent	CFT	200.00	
3	Bricks	First Class Brick	No	5,100.00	
4	Crush	3/4 " sieve (Margalla/Pathar Garh-Hassanabdal/Abbotabad)	CFT	162.00	
5	G I Cover for valve Chamber 4.5'x4.5'	Gauge-14	No	2.00	
6	Brass gate valve	3 inch Brass gate valve-PN16	No	2.00	
7	Steel	Steel-Grade 60-Ribbed-#03 and #04 bars	KG	130.00	
8	Rope for support of submersible pump	Steel rope with PVC coated/Cover	RFT	380.00	
9	PVC Casing/Stainer Pipe	Casing pipe 8" diameter D-Class	RFT	390.00	
10	Submersible Pump	(7 HP)-Stainless Steel -KSB/Italy/Equivalent	No	1.00	
11	Electric Wire (110/76)	Equivalent to Fast/Newage/Pakistan Cables	RFT	380.00	
12	HDPE delivery Pipe from the bore to the water tank	1.5 inch diameter-PN-10	RFT	680.00	
13	GI Pipe Laying of exposed pipe near water storage tank with fittings	IIL-M (Galvanized Iron) with fittings	RFT	20.00	
14	Distemper	Berger/ICI/Equivalent	Litres	14.00	
15	Paint	(Berger/ICI/Equivalent)	Litres	5.00	
16	Provision of Door, window and Ventilator	Gauge 16 Door 7'x4' (steel grated), window 4'x4' and Ventilator 1.5'x1.5'-Gauge 16	job	01 Each D,W,V	
Lot#02 Installation of Solar system at the specified Site of village Pakhwal with12 KM lead from tehsil Monsehra					
1	Installation of PV MODULES-14 panels (8000 Watts)	Solar Panel Grade-A Tier,Mono perc Half cut Jinko-580 W	No	14.00	
2	Installation of 8 KW SOLAR Inverter	ITEL IPV-8K48U/Equivalent	No	1.00	
3	Erection of PV MOUNTING STRUCTURE L-2	Customised structure of L-2, Galvanised Iron material (14 gauge), on the ground with allied civil works for the foundation	No	7.00	
4	DC SITE MATERIALS FOR INSTALLATION	DC Wire 4mm, single core, insulated black and red, flexible copper, fire retardant with PVC Conduit	Job	1.00	
5	AC cables and AC Breakers for Invertors	AC Wire 6mm, single core, insulated hard copper with PVC Conduit,AC Breaker 63 Amp-2P,PVC(3" X 1.5")	Job	1.00	
6	Installation of Earthing System	1 Core 4mm ² , Stranded, Cu/PVC	Job	1.00	
7	Safety Equipments:AC/DC Combiner Box	Fast/Newage or equivalent, DB Local fabricated in 16 Gauge customized	No	1.00	
8	Misc.Items	Nut, JBolts, Screws, Pipe caps, Silicone, Lightning Arrester etc	As per requirement		
Material Detail at Bara Bafa					
Drinking Water Supply Scheme					
S/no	Discription	Required Specifications of Materials	Unit	Estimated Quantity	Unit rate (Rs) including all applicable taxes and transportation
Lot # 03 -Delivery of Materials at the specified Site of village Bara Bafa with17 KM lead from tehsil Monsehra					
1	Cement	Ordinary Portland Cement-Askari,Bestway,Fauji	Bag	210.00	
2	Sand	Lawrance Pur/Thakot/Equivalent	CFT	600.00	
3	Bricks	First Class Brick	No	730.00	
4	Crush	3/4 " sieve (Margalla/Pathar Garh-Hassanabdal/Abbotabad)	CFT	700.00	
5	Stone for Rubble Masonry	Dresses Stone must be hard, sound and free from weathering with a minimum size of 6 inch in any direction	CFT	900.00	
5	GI Cover for valve Chamber 4.5'x4.5'	Gauge-14	No	2.00	
6	Brass gate valve	3 inch brass gate valve-PN16	No	2.00	
7	Steel	Steel-Grade 60-Ribbed-#03 and #04 bars	KG	1,300.00	
8	Rope for support of submersible pump	Steel rope with PVC coated/Cover	RFT	520.00	
9	PVC Casing Pipe	6" diameter D-Class Master Pipes in the bore with filter	RFT	480.00	
10	Submersible Pump	(7 HP)-Stainless Steel -KSB-Italy/Equivalent	No	1.00	
11	Electric Wire (110/76)	Equivalent to Fast/Newage/Pakistan Cables	RFT	530.00	
12	HDPE delivery Pipe	2 inch (50 mm) diameter-PN-10 pipes	RFT	520.00	
13	Galvanised Iron pipe near water storage tank with fittings	IIL -M (Galvanised Iron) 2 inch dia with socket and elbow	RFT	20.00	
15	HDPE Pipe 1 ½"	PN-10	RFT	1,900.00	
16	HDPE PIPE 3/4"	PN-10	RFT	900.00	
17	Pipe fittings, couplers, unions and sockets	PN-10	Job	1.00	
18	Water Stopper around water tank	Rubber Material- 8" wide 3/8" thick	RFT	50.00	
19	Manhole Cover at water tank roof	0.25 thick sheet & angle iron frame 2'x2'x 0.25 with lock complete	No	1.00	
20	Ladder inside GS Tank	MS angle iron -Gauge 14	RFT	15.00	