



WORLD WIDE FUND FOR NATURE
HEAD OFFICE, FEROZEPUR ROAD LAHORE

REQUEST FOR PROPOSAL FOR
SOLAR POWERED DRINKING WATER SUPPLY SCHEME, GAINTHA GHOWARI
DISTRICT GHANCHE, GILGIT BALTISTAN.

1. Introduction:

WWF-Pakistan under National Competitive Bidding ("NCB") has a requirement for the services of one qualified contractor to provide services for the construction of Water Storage Tank, Water Boring and Accessories and supply, installation, configuration, integration, testing and commissioning of Solar Powered Water Lifting Pump for the purpose of access to clean drinking water in Village Gaintha Ghowari District Ghencha, Gilgit Baltistan.

2. Submission of Bids:

Bidder shall submit the Technical and Financial Proposal in Single Sealed Envelope Having Clearly mentioned following:

- Title of Procurement Construction of Water storage tank, Solar System with accessories, and Bore Hole with accessories
- Purchaser Address as mention in 2.3

2.1 Only one rate should be quoted for the items and a bidder must avoid giving any alternate quote.

2.2 Quotation must be typed or written in indelible ink and should be signed by an authorized representative. Without a signature on Form of Quotation, the quotation shall not be considered further. All pages of the submitted quotation(s) where entries or amendments have been made, should be signed or initialed by the person signing the quotation.

2.3 A bidder shall submit Price Quotation, on their letterhead, duly signed, stamped by hand on Sealed envelope. The quotation should be addressed and delivered to the following official named official at the address mentioned underneath:

Name: Younas Awan

Designation: Manager Administration

Purchaser's Address : Assadullah WWF-Pakistan office, inside Ali Institute of Education,
Ferozepur Road, Lahore
Telephone : 0423-5465983
Email : wwfadmin@wwf.org.pk



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For any queries, please write to saashah@wwf.org.pk and kshehzad@wwf.org.pk

2.4. The quotation (s) should reach to authorize official, at the address indicated hereinabove, by or before **20th day of September 2025**



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3. Requirements:

The Bidder should have a proper business address and office/shop besides complying with the following eligibility requirements through documentary evidence, to be submitted along with their Quotation:

- a) The firm/company must be registered with Pakistan Engineering Council with active registration for the year 2025-2026 (Category C-5 and above with relevant Electrical, and Civil Works codes)
- b) Registration with Income Tax Department. (If Applicable)
- c) Registration with Sales Tax Department. (If applicable)
- d) Proof of Active Tax Payer of Income & Sales Taxes. (If Applicable)
- e) Similar projects implemented in GB, such as feasibility survey, design, estimation and implementation of Civil Works, Boring, and installation, commissioning of Solar Systems.
- f) Experience in working with international Organizations.
- g) Proven experience in developing community-based O&M modalities for Solar water Lifting Pump, Water Boring & accessories, and construction of water storage tanks.
- h) Copies of filled application form along with submitted bank challan In case of renewal of PEC Registration
- i) Contractors having valid license and registered in GB will be highly preferred.
- j) Proven experience of working with community participation approaches in similar projects.
- k) Bidders should provide valid Bank Account details which should not be different to the firm registered name.
- l) The company or firm should be competent in providing technical services for maintenance of the same projects in consultation with local communities to ensure sustainability of the projects.
- m) The bidder should provide data sheet of solar panels along with the bidding documents.
- n) The bidder should have a local Electric Engineer in the team to provide support.

A bidder shall be selected as per the lowest evaluated responsive quotation(s) provided such bidder meets the qualification/eligibility requirements, referred to above.

4. Additional Documentations:

Following additional documents are required and would be used for **Financial Evaluation**:

- a) Signed/Stamped copy of this RFP
- b) Technical proposal of as per Technical Specification/TORs at **Annex-A**
- c) Financial proposal with unit rates and total cost of work (Cost must be exclusive of all taxes) as per **Annex-B**
- d) Company Profile/Past Work experiences.
- e) Details of Leaflets/Brochures (If Any)



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5. Validity of Bids:

Bids shall remain valid for a period of at least **90 days** from the date of submission of the quotation, which may be extended based on mutual discussion. A bid valid for a shorter period may be Consider as nonresponsive automatically without giving any further notice.

6. Purchaser Right:

WWF-Pakistan reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to the affected Bidder or bidders. The Purchaser will inform the affected Bidder or bidders of the grounds for the Purchaser's action, if so requested, but the Purchaser shall not be required to justify the grounds.

6.1 Any bidder, if found engaged in corrupt or fraudulent practices (including collusion/polling will be declared ineligible either indefinitely or for a stated period of time.

6.2 WWF-Pakistan also reserves the right to increase, decrease, delete or modify quantity to be delivered before the issuance of "Purchase/Supply Order" to the "Lowest Evaluated Bidder.

Regards,

Name: Zahid Hussain

Designation: Coordinator Project Sites

Technical Specifications/Terms of Reference/

Following are the detailed Technical Specification and TORs for Solar Powered Water Lifting Pump for one unit only.

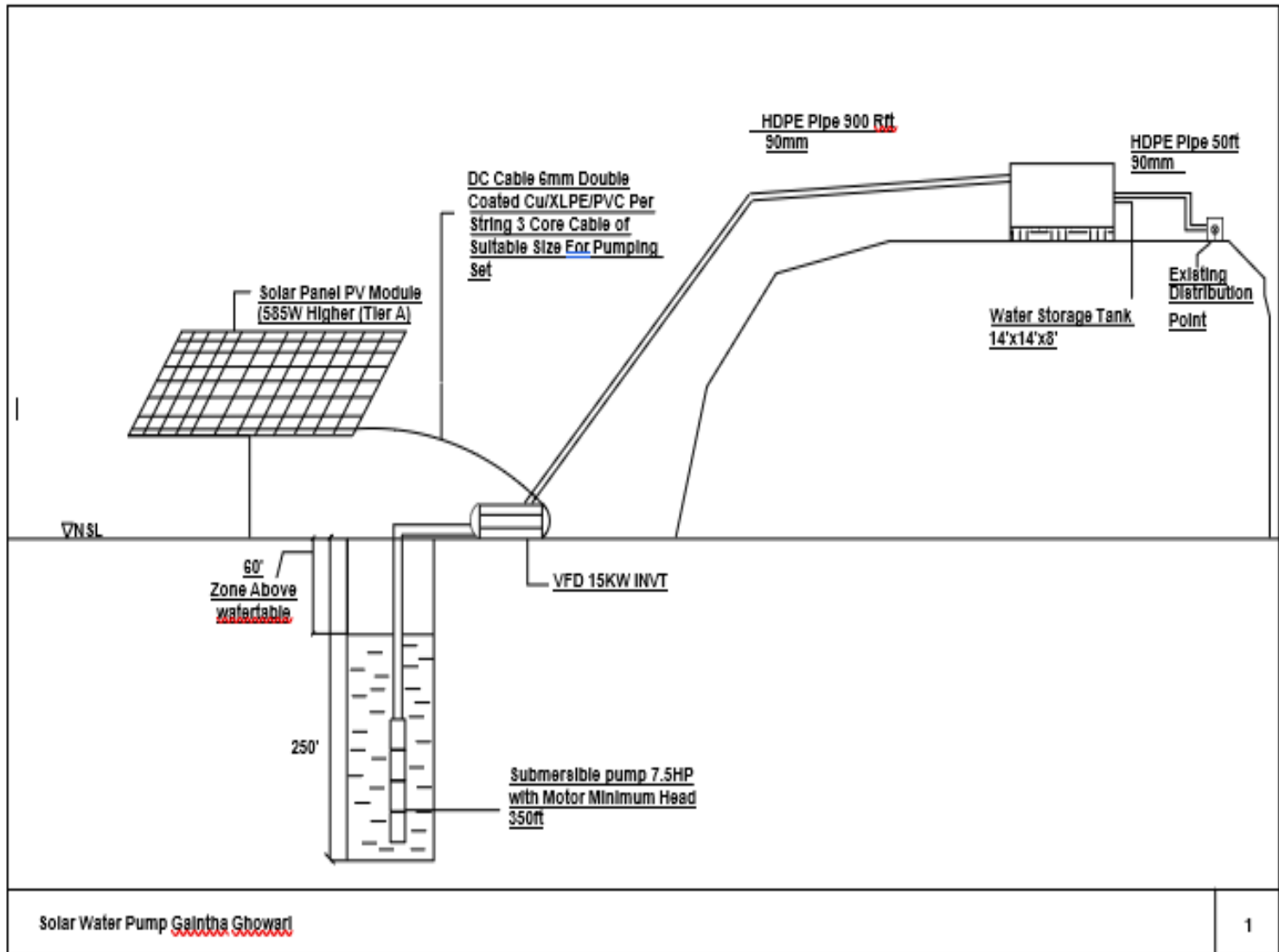
Sr#	Item Name	Specification	Units	Quantity	Rate.	Total Amount (Rs.)
Solar Power Water Uplifting & Accessories						
1	Solar Plate	Supply, Installation, testing and commissioning of tier 1, A Grade, N-Type PV Module, efficiency >22.5% 25 years performance warranty, Panel or grater than 585W Company should be Astroenergy/Trina/Canadian/longi or equivalent 12-year Warranty	No	16		
2	DC Cable	Supply, laying, testing and commissioning of DC 6mm Single Core double coated (cu/XLPO) cable should be Pakistan cable, Fast cable or quality cable or equivalent Voltage Drop Limit $\leq 5\%$	feet	250		
3	AC Cable	Supply, laying, testing and commissioning of AC 10mm three Core double coated (XLPO) should be Pakistan cable, Fast cable or quality cable or equivalent Voltage Drop $\leq 5\%$	feet	300		
4	DB Box for VFD and Breakers	Supply and Installation hot dipped galvanized waterproof DB Box (TOMZN SPD For AC and DC, Tomzn four pole 32A DC-MCB and two pole 63A AC-MCB) (18 AWG H = 18" * L = 12" * W = 8") DC SPD = 40 kA Max AC SPD = 40 kA Max	set	1		
5	Submersible Water pump 7.5 HP	Supply, Installation, testing and commissioning of KSB/Mastra Submersible Pump 7.5HP Three Phase Submersible Pump 3 inches water delivery Pump	set	1		

6	Panel Mounting Structure	Supply and Installation of U Band GI 14awg L2/L3 Structure Required Nut bolts and legs With Cemented Base	No	8		
7	VFD	7.5KW VFD INVT or equivalent Max DC Input 800V Normal MPPT range 450-800Vdc Output Three Phase 380vac-420Vac,50HZ	No	1		
8	Wire rope	8mm Steel Rope to hang submersible pump with insulated cover	feet	300		
9	Base for Solar Plate	PCC (1'X1'X1.5')	No	32		
10	Earth	Proper earthing, 6 feet deep, 16mm copper Rod, earth chemical, 2mm copper single core wire, PVC pipe, lightening arrester. Resistance should be less than 5 Ohms	Set	1		
11	Accessories	cable ties, block, rowel bolt, nut bolt, tap, flexible pipe, PVC pipe etc	Lump sum			

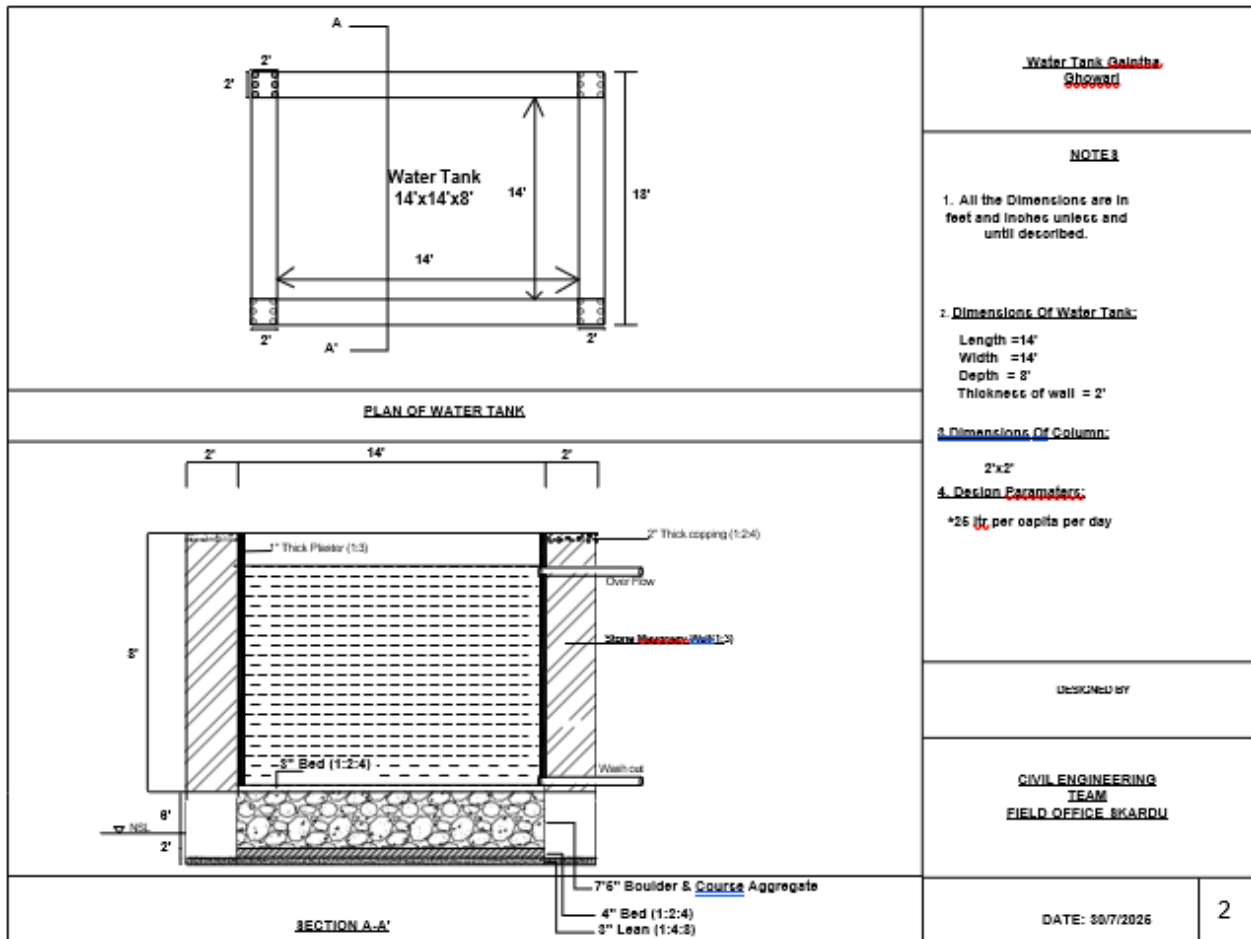
Water Boring & Accessories						
1	Bore Hole 14-inch dia	Bore Hole 14-inch dia	feet	71.5		
2	Transportation of Material (Bore Hole) Skardu to Ghowari	Transportation of Material (Bore Hole) Skardu to Ghowari	Trip	2		
3	Pipe 90mm HDPE PN10	Pipe 90mm HDPE PN10	Rft	900		
4	Joint/ coupler HDPE PN10	Joint/ coupler HDPE PN10	No	2		
5	Control wall 90mm HDPE PN10	Control wall 90mm HDPE PN10	No	2		
6	Casing pipe 200mm HDPE PN12.5	Casing pipe 200mm HDPE PN12.5	rft	300		
7	HDPE Coupler 63 HDPE PN10	HDPE Coupler 63 HDPE PN10	No	3		
8	Ell bow 63mm HDPE PN10	Ell bow 63mm HDPE PN10	No	3		
9	Transportation of Material Skardu to Ghowari	Transportation of Material (Bore Hole) Skardu to Ghowari	Trip	2		
Construction of Water Storage Tank and ESSF Material						
1	Stone	(1'-1.5' length, 8"-1' width) (Tractor load) (Per Tractor load consists of 4	load	27		
2	Boulder	Per Tractor load consists of 45 CFT	load	32		
3	Crush	1/2" to 1" coarse aggregate, angular shape, hard stone	load	9		
4	Iron steel bar	Ms 10mm	kg	112		
5	Iron steel bar	Ms 8mm	kg	60		
6	GI sheet	16'X3.5' (Gauge 20)	No	6		
7	Nail/cape	GI 3 inches	kg	2		
8	Drain wall with pipe	GI 6 inches	No	1		
9	Binding Wire	20 gauge	kg	2		

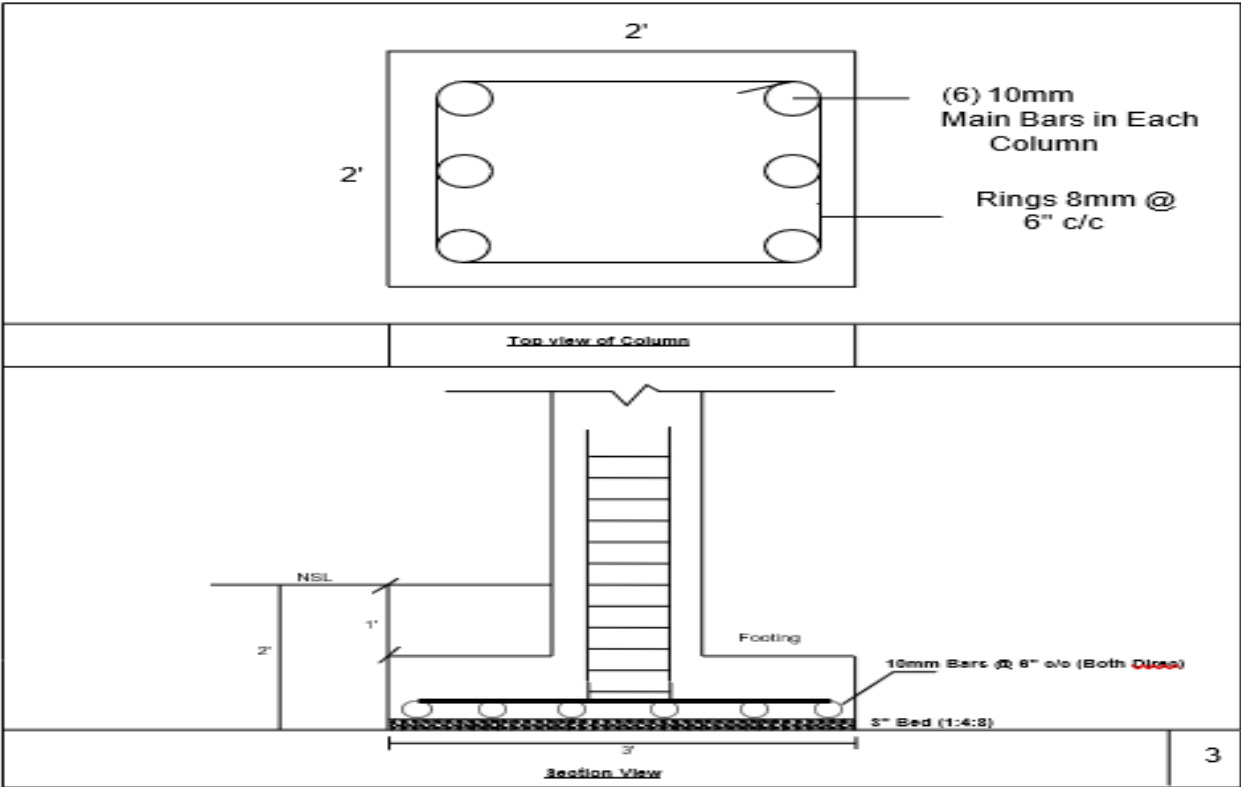
10	Wooden Beam	20'L x1.5'Dia poplar	No	3		
11	Wooden Logs	10'L x1'Dia poplar	No	14		
12	cement	Askari 50 kg bags	bag	169		
13	Sand	Local sand tractor load 40 cft	Load	20		
14	Skilled Labor	skilled labour for Storage Tank	cft	1846		
15	Un-Skilled Labor	Unskilled labour for Storage Tank	cft	1846		
16	Excavation for Foundation	Excavation of foundation (Storage Tank)	cft	800		
17	Excavation for pipeline	Excavation (Pipeline)	cft	2700		
18	Filling of trenches/ to bury pipes	Filling Charges to bury the pipe	cft	2700		
19	Plumbing Charges	Plumbing charges (Coupler Ell Bow Control wall and Drain Wall	No	7		
20	Skilled Labor for stone preparation	Skilled labour for preparation of stone	cft	784		
21	Transportation of material, Cement	Transportation of Material (Cement) per trip	trip	6		
22	Pick axe	2.5'wooden handle,1.5 kg weight	No	4		
23	Shovel	4'wooden handle 1kg weight, shovel head width	No	4		
24	Safety helmet high quality	High quality	set	20		
25	Tracking shoes	Wantdo men's Waterproof	set	2		
26	Gloves,	Total Nitrile Gloves	set	150		
27	Safety jacket	High quality	set	20		
28	Hammer	5kg weight	No	2		
29	Layout Rope	3mm macrame rope	rft	200		

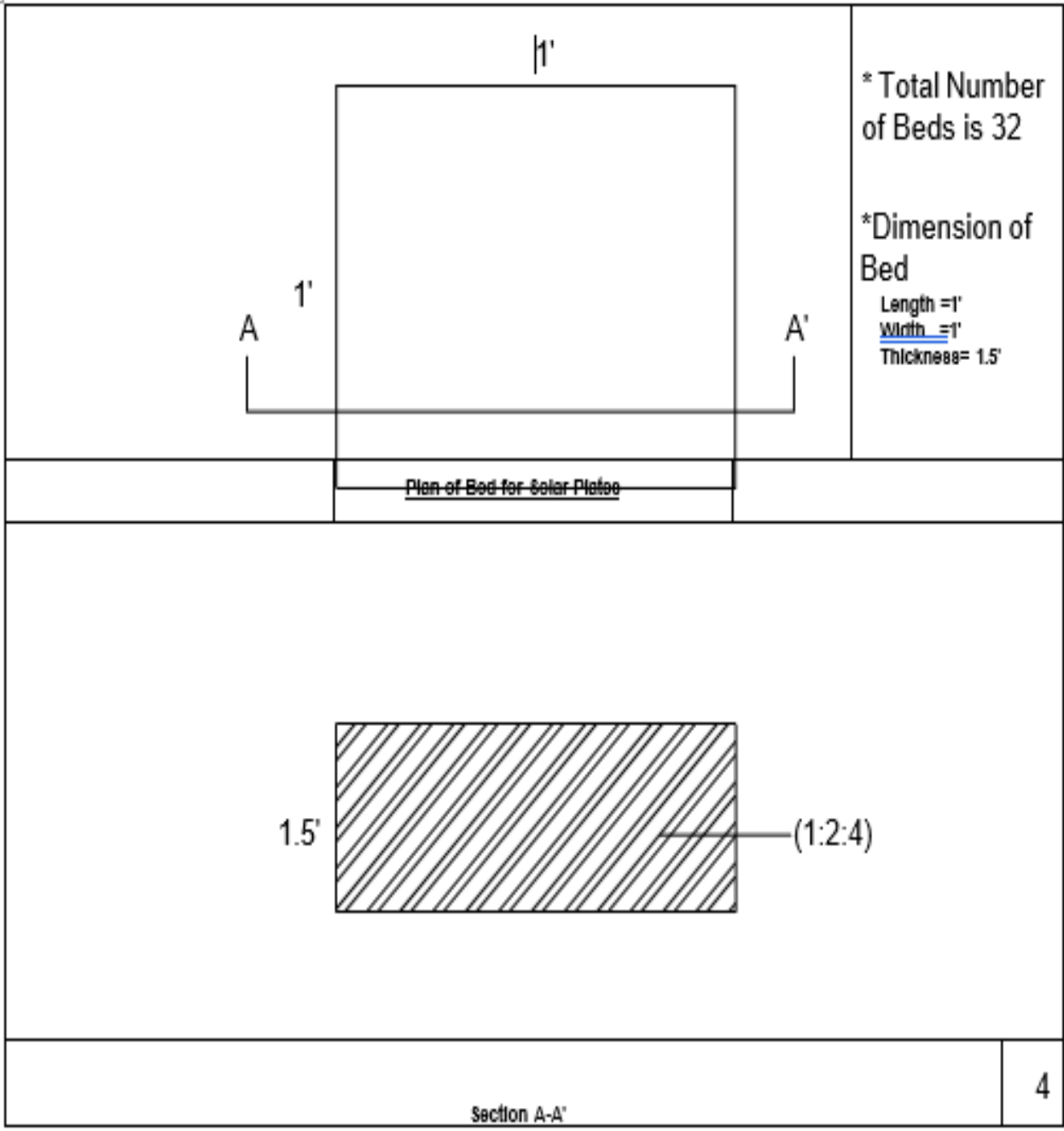
Designs: Solar Powered Water Lifting Pump, Water Boring & accessories.



Designs: Construction of Water Storage Tank









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7. Notes:

- i- Delivery, Transportation and Installation at selected site shall be responsibility of the Supplier.
- ii- The firms/vendor will ensure that the materials being supplied is brand new not Refurbished/ 2nd hand or used one.
- iii- Bidder will be responsible for fault free operations. Purchaser Inspection committee will carry out the inspection of the items supplied. The decision of inspecting authority regarding approval or rejection of the items will be final and binding to all concerned.
- iv- Services for Operation and maintenance cost for 6 months, follow-up visits, on job training for skill transfer for operation, repair and maintenance technique.
- v- Proposed site: Gaintha Ghowari District Ghanche

Sr. No	Activity	Region	District	Village	Coordinates
1.	Construction of Water Storage Tank	Baltistan Region	Ghanche	Gaintha, Ghowari	N 3510.7116 E 07606.4016 ELV 2456M
2.	Bore Hole 71.5 feet depth and accessories	Baltistan Region	Ghanche	Gaintha, Ghowari	N 3510.7789 E 07606.5582 ELV 2431M
3.	Solar System with accessories	Baltistan Region	Ghanche	Gaintha, Ghowari	N 3510.7789 E 07606.5582 ELV 2431M

8. Payment Terms:

Following Payment, the terms shall be followed:

Advance Payment Upon Signing of Contract	30 %
Upon completion of Civil Work (Construction of Water Storage Tank)	30%
Upon completion/Installation of 7.5 HP Solar Pump and installation of PV Panels	35%
Retention Money @10% on completion of O&M period of 6 months *	5%

- a) The Contracts request(s) for payment shall be made to the WWF-Pakistan in writing, accompanied by an invoice, and delivery challans/Inspection Reports describing, as appropriate, the materials delivered upon the fulfillment of other obligations stipulated in the Contract.
- b) The currency of payment is Pak. Rupees.
- c) All Taxes shall be Deducted as per the Laws of Government of Pakistan
- d) If any Exemption on Taxes Exemption Letter shall be provided along with the Financial Proposal.



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Annex-B

Format of Financial Proposal

ii) Financial Proposal for required Goods/Services as per following details: -

Sr. #	ITEMS	Unit	QUANTITIES	Total Without Taxes
GST %				
Grand Total Inclusive of All taxes (DDP Basis)				
Retention money 10% of Grand Total inclusive of all taxes				