



WORLD WIDE FUND FOR NATURE
HEAD OFFICE, FEROEZPUR ROAD LAHORE

Reference # WRAP/CTL/01-02-03/26-27

REQUEST FOR PROPOSAL
FOR

**Establishment of (3 No's) Water Uplifting Solar Projects at (UC Mulkhov & Kosht)-
District Upper Chitral-KP.**

1. Introduction:

WWF-Pakistan under National Competitive Bidding ("NCB") requires the services of one qualified Vendor/Contractor to provide and fixing of HDPE Pipes, Solar water uplifting accessories, installation and Construction of Civil Structures related to Solar water Uplifting Systems complete in all respects as per Drawing, BOQ's and Specifications.

2. Submission of Bids:

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

- Clearly Mention Title of Procurement on Sealed Envelope: **Establishment of 3 No's of Water Uplifting Solar Projects at (UC Mulkhov & Kosht)-District Upper Chitral-KP.**
- Purchaser Address as mentioned in 2.3

2.1 Only one rate should be quoted for the item, 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: Assad Ullah
Designation: Head of Procurement and Consultancies
Purchaser's Address : World Wide Fund for Nature,
Inside Ali Institute of Education, Ferozepur Road Lahore
P.O Box 5180
Telephone : 042-5465983

For any queries, please write To: Amar Ali aali@wwf.org.pk & cc: Assad Ullah assadullah@wwf.org.pk, Farhan Arshad Qureshi faqureshi@wwf.org.pk

2.4. The quotation (s) should reach to authorized official at the address indicated hereinabove, by or before **10th June, 2026.**

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) Registration with Income Tax Department.



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- b) Registration with Sales Tax Department KPRA.
- c) Contractor/Vendor must have PEC Registration.
- d) AEDB registration is preferable.
- e) Vendor should have a qualified Electrical/Civil Engineer in the team.(Please submit C.V)
- f) A minimum of 5 similar projects and delivery setup in KP.
- g) Working Experience with Govt Sector, NGOs, Irrigation DEPTT or Defense sector shall be given Preference.
- h) Raw material certificates are mandatory.
- i) Name of Raw material manufacturer.
- j) ISO 9001-14001-18801-2000 Certified Company will be an advantage.
- k) Certified by Pakistan Quality Control Authority PQSCA/PCSIR
- l) Lab Test Reports /Lab Testing Facility shall be an advantage.
- m) Vendors should have a bank account matching the company's registered name.

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 the **Technical/ Financial Evaluation:**

- a) Signed/Stamped copy of this RFP
- b) Technical proposal as per Technical Specification/TORs and Delivery Schedule at **Annex-A**
- c) BOQs for each site is available in **Annex-1**
- d) Financial proposal with unit rates mentioned in Annex-1 and total cost of work (Cost must be inclusive of all taxes) as per **Annex-2**
- e) Company Profile
- f) Details of Brand/Leaflets/Broachers (If Any)

5. Validity of Bids:

Bids shall remain valid for a period of at least **60 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 considered nonresponsive.

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

Amar Ali
Coordinator



Civil/Environmental Engineer

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Annex-A

Technical Specifications/Terms of Reference/BOQs/Designs and Delivery Schedule

- i) Following are the detailed Technical Specification and TORs:

Specification for HDPE and MS Pipes and Accessories:

- . The Manufacturer must supply the following:
 -) Raw Material Source details shall be Provided, OR in case of Imports, LC documents will also be required, OR in case of locally available Raw Material used, then the source Details shall be provided on the letterhead of the company from where it is purchased.
 -) The Brand name, sizes, PN value etc. should be clearly tagged over each roll of Pipes and any other equipment like Submersible pump, Inverter, Solar Panels, Gate Valve etc.
 -) Each Roll/ No's/ length should be tagged to easily measure the lengths or Quantity of delivered material.
 -) Lengths should be provided in 100m Coil.
- . The classification of Raw material grade should be PE 100.
- . The manufacturer must supply a supporting letter from the manufacturer providing full details of the specification and raw material used.
- . The pipe must be clearly coded black and be clearly marked at regular intervals with the name of the manufacturer, outside diameter, grade, and pressure rating. ISO standard and indicating suitability for water supply as be marked on the pipes. A blue strip for identification must be marked throughout the pipe length.
- . All fittings must be able to tolerate the same loading specifications. etc., as the HDPE pipe.
- . All fittings must be clearly marked with the name of the manufacturer, material size, and pressure rating.
- . Specification for pipe and fitting of HDPE:
 -) The pipe manufacturer shall provide test certificates indicating the density and nominal melting flow rate of the raw material.
 -) The fitting shall be designated for a nominal working pressure as per requirement and a temperature of 40 C and shall be suitable for use with HDPE pipes supplied under this contract.
 -) The pipe shall be suitable for a field test pressure, where the payment shall be made by the vendor, according to the requirement of DIN 4279 and shall furthermore undergo work pressure test in accordance with relevant DIN or ISO standards. The resin will be purchased from the following manufacturer only, and in your price quotation, the resin manufacturer must be mentioned. unless specified to the contrary in this document.
 -) All solar Panels, accessories, Electrical items/Installations must be ensured as per BOQ's.



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Delivery Schedule:

S. No	Activity	Region	District	Village	Coordinates
1	Supply, installation, Construction of Civil Structures, Operationalize, and Handover of Solar Water Uplifting Project.	KP	Chitral-Upper	Warjun Payeen Mulkhow	36.294683,72.214317
2		KP	Chitral-Upper	Gankoreni Mulkhow	36.290445,72.205020
3		KP	Chitral-Upper	Shogram Kosht	36.181388,72.123785



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Annex- 1

1. BOQ for Warijun Payen- KP (WWF- Pakistan)

Supply, installation, Construction of Civil Structures, operationalize, and Handover of Solar Water Uplifting Project at Village Warijun Payeen Mulkhov Chitral-Upper

Sr#	Item Name	Specification	UoM	Quantity	Unit Price	Total Cost
1	Excavation	Earth excavation in irrigation channels/drains & disposal up to 25m. & dressing: in Very Hard Soil	CFT	11711		
2	PCC (1:4:8)	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	CFT	28		
3	PCC (1:2:4)	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	CFT	591		
4	Cement Plaster	Cement plaster 1:3 upto 20' height 1/2" thick	SFT	320		
5	Stone Masonry	Random rubble masonry in foundation. & plinth Dry masonry.	CFT	3471		
6	Solar Panels	Solar Panel 600 W (Jinko, Canadian, Longi, JA Solar or Equivalent). IEC 61215-1, IEC 61215-1-1, IEC 61215-2:2016. IEC 61730-1, IEC 61730-2:2016 IEC61701 TS 62804-1 IEC62716 Above (IEC 61215 & amp: 61730 Certified)	No's	46		
7	Solar Pumping Inverter	Solar Pumping Inverter 26 kW Capacity (JNTECH, INVT, Equivalent). MPPT Range: 460-850Vdc. Rated O/P Voltage: 380-460Vac, 3 Phase Frequency:	No's	01		



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		0~50/60Hz, Protection Level: IP65, MPPT Efficiency: 99% 2 years Manufacturer Warranty for parts & services				
8	Submersible Pump	Submersible Pump 26 Hp (JD/Dany or Equivalent Brand) Having Bottom Intake Mechanism with all accessories. Performance Curve required with analytical chart reconciling the output requirements of the system. Stainless Steel Pump and Impellers according to ISO 9906 Standard. Motor should be water cooled. Motor should be operated able at 3 Phase 380. Coupling NEMA standard. Rewind able Motor in stainless Steel	No's	01		
9	DC Cable	DC Cable 10mm (Pakistan Cables, Newage Cables, Fast Cables or equivalent) DC Cable 10 mm Double Coated Cu/XLPE/PVC Per String. Cables provided should have general test reports such as Copper Purity Test, Insulation Test, Spark Test Etc.	Mtr	120		
10	AC Cable	AC Cable 16mm (Pakistan Cables, Newage Cables, Fast Cables or equivalent) Double Coated Cu/XLPE/PVC Per String. Cables provided should have general test reports such	Mtr	155		



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		as Copper Purity Test, Insulation Test, Spark Test Etc.				
11	Solar installation	Solar installation, Wiring, complete in all respect. Fixing of AC/DC Cable. Connection of submersible pump also include. Installation of cable protection complete in all respect.	Job	01		
12	Earthing and Light Arrestor	Earthing & light Arrestor Complete in all respect. Earthing System (chemical rod, copper strip) Excavation of pit, Fixing and refilling. Lightning Arrestor (copper rod + cable + earthing), Copper rod 2.5m + 25mm ² cable + earth	Job	02		
13	Enclosure Box/Panel Box	Enclosure Box Panel Box (Hot Dipped Galvanized). Panel Box (24" x 30" x16"). Body & Door manufactured in 1.2 -1.5 mm steel. Flat mounting plate galvanized steel plate in 1.5mm steel sheet locking round bar key, Body and door painted. Galvanized plate power- coated and water proof.	No's	01		
14	Solar Panel Frame/ Mounting Structure	Providing and fixing of Solar Panel Frame. (Mounting Structure) with welding complete in all respect. Main frame and Supporting poles consist of T-Iron 3 kg/ft. MS Channel 3" x 1-1/2" is used above the T-iron structure to support the panels. MS Channel 1-1/2" x 1- 1/2" are also used around the structure to support	Job	01		



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		the structure. Welding/nut bolt joint red oxide + enamel, complete in all respect.				
15	DC Breaker	Providing and fixing of DC Breaker (2-pole) with enclosure. 2-pole, 600–1000VDC, 40A. Schneider Electric, Himel, ABB or equivalent.	No's	04		
16	AC Breaker	Providing and fixing of AC Breaker (2-pole) with enclosure. 2-pole, 600–1000VDC, 40A. Schneider Electric, Himel, ABB or equivalent.	No's	01		
17	MCCB Breaker	Providing and fixing of MCCB Breaker (3-pole) with enclosure. 3-pole, 600–1000V, 100A. Schneider Electric, Himel, ABB	No's	01		
18	Iron Gardr T-Shaped	Providing and fixing of Iron Garder 15 ft long to support the Submersible Pump. Red oxide and double enamel Painted. T -Iron Garder 3kg/Ft Mughal Steel, Amreli Steel, equivalent.	No's	01		
19	Solar Combiner Box	Solar Combiner Box Solar Combiner Box (2–3 string input with fuses, SPD, breakers), 2–3 input strings, SPD + DC fuse +breaker	No's	01		
20	Cable Protection	Cable Protection Cable Protection (Trays & Conduits – PVC or GI)	FT	150		
21	Surge Protection Device (SPD)	Providing and fixing of Surge Protection Device (SDP) Surge Protection Device (SPD) – DC & AC sides, DC: 600–1000V, AC: 380V, Type 2	No's	04		
22	HDPE PN10 Pipe	HDPE Pipe 75mm PN10 (2.5inch) Providing and laying of HDPE	RFT	3280		



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	75mm Dia	PN 10, 75mm (2.5 Inches). IIL, Jamal, Fast flow or Equivalent.				
23	Equal Coupler	Providing and fixing of Equal Coupler 75mm Equal Coupler 75mm Royal/Alfa/IIL or Equivalent brand	No's	09		
24	Gate Valve 2.5"	Gate Valve 2.5" Gate Valve 2.5" Mughal or Equivalent brand	No's	03		
25	MS Flange 2.5"	MS Flange 2.5" with Nut bolt. Providing and fixing MS Flange 2.5" with Nut bolts complete in all Respect	No's	16		
26	Tee 75 mm Dia	Providing and fixing of Tee 75mm dia completed in all respect	No's	02		
27	MS Chamber Cover	MS Chamber Cover Providing and fixing of MS Chamber Cover with MS Angle Frame (2.5' X2.5') with locking system	No's	03		
28	Sign Board	Providing and Fixing of Sign Board 18 SWG, with area of 3' x2.5'. 02 No's MS Pipe 7 Ft Long. Painted and write both side.	No's	01		
Grand Total Inclusive of Delivery, Along with All Taxes from the vendor place to the site as per coordinates.						



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2. BOQ for Gankoreni-KP (WWF- Pakistan)

Supply, installation, Construction of Civil Structures, operationalize, and Handover of Solar Water Uplifting Project at Village Gankoreni Mulkhov Chitral-Upper

Sr#	Item Name	Specification	UoM	Quantity	Unit Price	Total Cost
1	Excavation	Earth excavation in irrigation channels/drains & disposal up to 25m. & dressing: in Very Hard Soil	CFT	10210		
2 1. 2	PCC (1:4:8)	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	CFT	22		
3	PCC (1:2:4)	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	CFT	465		
4	Cement Plaster	Cement plaster 1:3 upto 20' height 1/2" thick	SFT	251		
5	Stone Masonry	Random rubble masonry in foundation. & plinth Dry masonry.	CFT	3424		
6	Solar Panels	Solar Panel 600 W (Jinko, Canadian, Longi, JA Solar or Equivalent). IEC 61215-1, IEC 61215-1-1, IEC 61215-2:2016. IEC 61730-1, IEC 61730-2:2016 IEC61701 TS 62804-1 IEC62716 Above (IEC 61215 & amp: 61730 Certified)	No's	39		
7	Solar Pumping	Solar Pumping Inverter 20 kW Capacity (JNTECH, INVT, Equivalent). MPPT Range: 460-	No's	01		



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	Inverter	850Vdc. Rated O/P Voltage: 380- 460Vac, 3 Phase Frequency: 0~50/60Hz, Protection Level: IP65, MPPT Efficiency: 99% 2 years Manufacturer Warranty for parts & services				
8	Submersible Pump	Submersible Pump 20 Hp (JD/Dany or Equivalent Brand) Having Bottom Intake Mechanism with all accessories. Performance Curve required with analytical chart reconciling the output requirements of the system. Stainless Steel Pump and Impellers according to ISO 9906 Standard. Motor should be water cooled. Motor should be operated able at 3 Phase 380. Coupling NEMA standard. Rewind able Motor in stainless Steel	No's	01		
9	DC Cable	DC Cable 10mm (Pakistan Cables, Newage Cables, Fast Cables or equivalent) DC Cable 10 mm Double Coated Cu/XLPE/PVC Per String. Cables provided should have general test reports such as Copper Purity Test, Insulation Test, Spark Test Etc.	Mtr	90		



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10	AC Cable	AC Cable 16mm (Pakistan Cables, Newage Cables, Fast Cables or equivalent) Double Coated Cu/XLPE/PVC Per String. Cables provided should have general test reports such as Copper Purity Test, Insulation Test, Spark Test Etc.	Mtr	107		
11	Solar installation	Solar installation, Wiring, complete in all respect. Fixing of AC/DC Cable. Connection of submersible pump also include. Installation of cable protection complete in all respect.	Job	01		
12	Earthing and Light Arrestor	Earthing & light Arrestor Complete in all respect. Earthing System (chemical rod, copper strip) Excavation of pit, Fixing and refilling. Lightning Arrestor (copper rod + cable + earthing), Copper rod 2.5m + 25mm ² cable + earth	Job	02		
13	Enclosure Box/Panel Box	Enclosure Box Panel Box (Hot Dipped Galvanized). Panel Box (24" x 30" x16"). Body & Door manufactured in 1.2 - 1.5 mm steel. Flat mounting plate galvanized steel plate in 1.5mm steel sheet locking round bar key, Body and door painted.	No's	01		



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		Galvanized plate power-coated and water proof.				
14	Solar Panel Frame/ Mounting Structure	Providing and fixing of Solar Panel Frame. (Mounting Structure) with welding complete in all respect. Main frame and Supporting poles consist of T-Iron 3 kg/ft. MS Channel 3" x 1-1/2" is used above the T-iron structure to support the panels. MS Channel 1-1/2" x 1-1/2" are also used around the structure to support the structure. Welding/nut bolt joint red oxide + enamel, complete in all respect.	Job	01		
15	DC Breaker	Providing and fixing of DC Breaker (2-pole) with enclosure. 2-pole, 600–1000VDC, 40A. Schneider Electric, Himel, ABB or equivalent.	No's	03		
16	AC Breaker	Providing and fixing of AC Breaker (2-pole) with enclosure. 2-pole, 600–1000VDC, 40A. Schneider Electric, Himel, ABB or equivalent.	No's	01		
17	MCCB Breaker	Providing and fixing of MCCB Breaker (3-pole) with enclosure. 3-pole, 600–1000V, 100A. Schneider Electric, Himel, ABB	No's	01		
18	Iron Gardr T- Shaped	Providing and fixing of Iron Garder 15 ft long to support the Submersible Pump. Red oxide and double enamel Painted. T -Iron Garder 3kg/Ft Mughal Steel, Amreli Steel, equivalent.	No's	01		



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19	Solar Combiner Box	Solar Combiner Box Solar Combiner Box (2–3 string input with fuses, SPD, breakers), 2–3 input strings, SPD + DC fuse +breaker	No's	01		
20	Cable Protection	Cable Protection Cable Protection (Trays & Conduits – PVC or GI)	FT	150		
21	Surge Protection Device (SPD)	Providing and fixing of Surge Protection Device (SDP) Surge Protection Device (SPD) – DC & AC sides, DC: 600–1000V, AC: 380V, Type 2	No's	04		
22	HDPE PN10 Pipe 90mm Dia	HDPE Pipe 90mm PN10 Providing and laying of HDPE PN 10, 90mm. IIL, Jamal, Fast flow or Equivalent.	RFT	2296		
23	Equal Coupler	Providing and fixing of Equal Coupler 90mm Equal Coupler 90mm Royal/Alfa/ IIL or Equivalent brand	No's	07		
24	Gate Valve 3"	Gate Valve 3" Gate Valve 3" Mughal or Equivalent brand	No's	02		
25	MS Flange 3"	MS Flange 3" with Nut bolt. Providing and fixing MS Flange 3" with Nut bolts complete in all respect	No's	08		
26	Tee 90 mm Dia	Providing and fixing of Tee 90mm dia completed in all respect	No's	02		
27	MS Chamber Cover	MS Chamber Cover Providing and fixing of MS Chamber Cover with MS Angle Frame (2.5' X2.5') with locking system	No's	02		
28	Sign Board	Providing and Fixing of Sign Board 18 SWG, with area of	No's	01		



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		3' x2.5'. 02 No's MS Pipe 7 Ft Long. Painted and write both side.				
Grand Total Inclusive of Delivery, Along with All Taxes from the vendor place to the site as per coordinates.						



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3. BOQ for Shogram-KP (WWF- Pakistan)

Supply, installation, Construction of Civil Structures, operationalize, and Handover of Solar Water Uplifting Project at Village Shogram Kosht Chitral-Upper

Sr#	Item Name	Specification	UoM	Quantity	Unit Price	Total Cost
1	Excavation	Earth excavation in irrigation channels/drains & disposal up to 25m. & dressing: in Very Hard Soil	CFT	7840		
2 1. 2	PCC (1:4:8)	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	CFT	97		
3	Coursed rubble masonry	Coursed rubble masonry in ground floor in cement, sand mortar: Ratio 1:3	CFT	1455		
4	RCC (1:2:4)	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:2:4)	CFT	231		
5	Deformed Bars	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	Kg	812		
6	Cement Plaster	Cement plaster 1:3 up to 20' height 1/2" thick	SFT	80		
7	RCC Concrete Rings	Providing and fixing of 3'-0" Dia RCC Ring, 12" height each, 1.5" thick, for Dug well	No's	69		
8	Solar Panels	Solar Panel 600 W (Jinko, Canadian, Longi, JA Solar or Equivalent). IEC 61215-1, IEC 61215-1-1, IEC 61215-2:2016. IEC 61730-1, IEC 61730-2:2016 IEC61701 TS 62804-1	No's	42		



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		IEC62716 Above (IEC 61215 & amp: 61730 Certified)				
9	Solar Pumping Inverter	Solar Pumping Inverter 24 kW Capacity (JNTECH, INVT, Equivalent). MPPT Range: 460- 850Vdc. Rated O/P Voltage: 380- 460Vac, 3 Phase Frequency: 0~50/60Hz, Protection Level: IP65, MPPT Efficiency: 99% 2 years Manufacturer Warranty for parts & services	No's	01		
10	Submersible Pump	Submersible Pump 24 Hp (JD/Dany or Equivalent Brand) Having Bottom Intake Mechanism with all accessories. Performance Curve required with analytical chart reconciling the output requirements of the system. Stainless Steel Pump and Impellers according to ISO 9906 Standard. Motor should be water cooled. Motor should be operated able at 3 Phase 380. Coupling NEMA standard. Rewind able Motor in stainless Steel	No's	01		
11	DC Cable	DC Cable 10mm (Pakistan Cables, Newage Cables, Fast Cables or equivalent) DC Cable 10 mm	Mtr	100		



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		Double Coated Cu/XLPE/PVC Per String. Cables provided should have general test reports such as Copper Purity Test, Insulation Test, Spark Test Etc.				
12	AC Cable	AC Cable 16mm (Pakistan Cables, Newage Cables, Fast Cables or equivalent) Double Coated Cu/XLPE/PVC Per String. Cables provided should have general test reports such as Copper Purity Test, Insulation Test, Spark Test Etc.	Mtr	40		
13	Solar installation	Solar installation, Wiring, complete in all respect. Fixing of AC/DC Cable. Connection of submersible pump also include. Installation of cable protection complete in all respect.	Job	01		
14	Earthing and Light Arrestor	Earthing & light Arrestor Complete in all respect. Earthing System (chemical rod, copper strip) Excavation of pit, Fixing and refilling. Lightning Arrestor (copper rod + cable + earthing), Copper rod 2.5m + 25mm ² cable + earth	Job	02		
15	Enclosure Box/Panel Box	Enclosure Box Panel Box (Hot Dipped Galvanized). Panel Box (24" x 30" x16"). Body & Door manufactured in 1.2 -	No's	01		



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		1.5 mm steel. Flat mounting plate galvanized steel plate in 1.5mm steel sheet locking round bar key, Body and door painted. Galvanized plate power-coated and water proof.				
16	Solar Panel Frame/ Mounting Structure	Providing and fixing of Solar Panel Frame. (Mounting Structure) with welding complete in all respect. Main frame and Supporting poles consist of T-Iron 3 kg/ft. MS Channel 3" x 1- 1/2" is used above the T-iron structure to support the panels. MS Channel 1-1/2" x 1-1/2" are also used around the structure to support the structure. Welding/nut bolt joint red oxide + enamel, complete in all respect.	Job	01		
17	DC Breaker	Providing and fixing of DC Breaker (2-pole) with enclosure. 2-pole, 600–1000VDC, 40A. Schneider Electric, Himel, ABB or equivalent.	No's	03		
18	AC Breaker	Providing and fixing of AC Breaker (2-pole) with enclosure. 2-pole, 600–1000VDC, 40A. Schneider Electric, Himel, ABB or equivalent.	No's	01		
19	MCCB Breaker	Providing and fixing of MCCB Breaker (3- pole) with enclosure. 3-pole, 600–1000V, 100A. Schneider Electric, Himel, ABB	No's	01		
		Providing and fixing of Iron Garder 4 ft long to				



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20	Iron Gardr T- Shaped	support the Submersible Pump. Red oxide and double enamel Painted. T -Iron Garder 3kg/Ft Mughal Steel, Amreli Steel, equivalent.	No's	01		
21	Solar Combiner Box	Solar Combiner Box Solar Combiner Box (2-3 string input with fuses, SPD, breakers), 2-3 input strings, SPD + DC fuse +breaker	No's	01		
22	Cable Protection	Cable Protection Cable Protection (Trays & Conduits – PVC or GI)	FT	150		
23	Surge Protection Device (SPD)	Providing and fixing of Surge Protection Device (SDP) Surge Protection Device (SPD) – DC & AC sides, DC: 600-1000V, AC: 380V, Type 2	No's	04		
24	HDPE PN10 Pipe 75mm Dia	HDPE Pipe 75mm PN10 Providing and laying of HDPE PN 10, 75mm. IIL, Jamal, Fast flow or Equivalent.	RFT	3936		
25	Equal Coupler	Providing and fixing of Equal Coupler 75mm Equal Coupler 75mm Royal/Alfa/ IIL or Equivalent brand	No's	10		
26	Gate Valve 3"	Gate Valve 3"with all accessories Flange, Adopter, Nut bolt etc. Gate Valve 3" Mughal or Equivalent brand	No's	01		
27	GI Pipe with threated complete	GI Pipe 3" dia 15 long (Wash Out Pipe, Over Flow Pipe, Supply line.	RFT	15		
28	GI End Plug	Supply and fixing of GI End Plug	No's	01		
29	Air Vent Valve complete with	Supply and Fixing of Air Vent Valve 2.5" Dia with all	No's	01		



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	accessories	accessories				
30	Float Valve with fitting complete	Supply and Fixing of Float Valve for Dug well with all accessories	No's	01		
31	MS Chamber Cover	MS Chamber Cover Providing and fixing of MS Chamber Cover with MS Angle Frame (2.5' X2.5') with locking system	No's	01		
32	Sign Board	Providing and Fixing of Sign Board 18 SWG, with area of 3' x2.5'. 02 No's MS Pipe 7 Ft Long. Painted and write both side.	No's	01		
Grand Total Inclusive of Delivery, Along with All Taxes from the vendor place to the site as per coordinates.						



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Format of Financial Proposal

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

Sr. #	ITEMS	Unit	Total without Taxes
(i)	Total of Warijun Payen	No	
(ii)	Total of Gankoreeni	No	
(iii)	Total of Shogram	No	
Sub Total Without GST			
15 % GST on Contract			
Grand Total Inclusive of All taxes (DDP Basis)			

Payment Terms:

Following Payment, the terms shall be followed:

Advance Payment Upon Signing of Contract and submission of 10% performance guarantee of the total value of contract	20%
Upon 100% work completion at Warijun Payen and satisfactory inspection report from WWF-Pakistan Inspection Team	25%
Upon 100% work completion at Gankoreeni and satisfactory inspection report from WWF-Pakistan Inspection Team	25%
Upon 100% work completion at shogram and satisfactory inspection report from WWF-Pakistan Inspection Team	25%
Retention amount will be paid after Defect liability period report of 180 days	5%

-) 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 Equipment delivered upon the fulfillment of other obligations stipulated in the Contract.
-) The currency of payment is Pak. Rupees.
-) All Taxes shall be Deducted as per the Laws of Government of Pakistan
-) If any Exemption on Taxes. Exemption Letter shall be provided along with the Financial Proposal
-) The selected vendor shall execute the vendor agreement on duly stamp paper.
-) The winner bidder shall submit performance security @10% of the total contract price at the time of signing of contract.



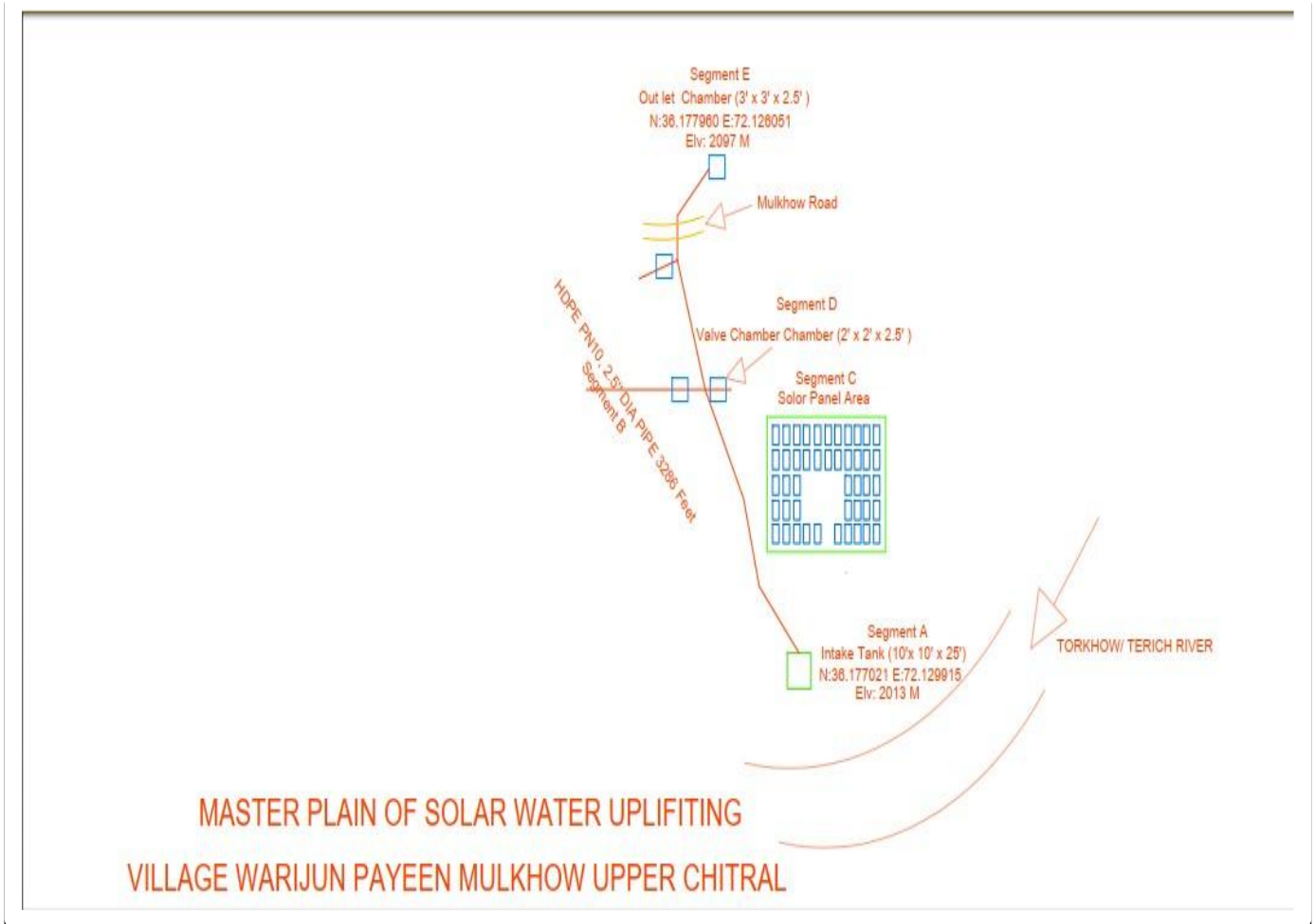
WORLD WIDE FUND FOR NATURE
HEAD OFFICE, FEROZEPUR ROAD LAHORE

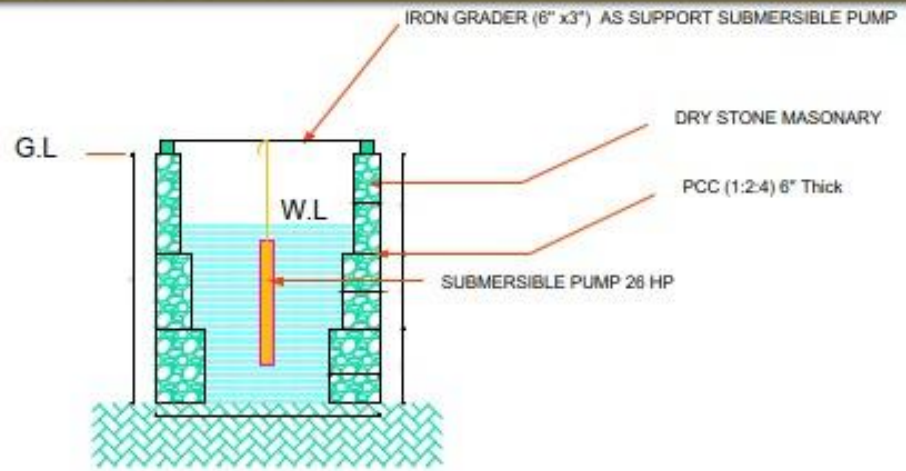
-) The payment terms mentioned above are provisional/tentative and subject to revision by WWF Pakistan at the time of contract execution.

Notes:

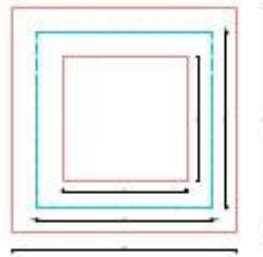
- . The Vendor will be responsible for the Delivery (of all materials), transportation (Loading/Unloading), installation, testing and operation of Solar water uplifting schemes. (Warijun Payeen Mulkhow, Gankoreni Mulkhow and Shogram Kosht.)
- . Bidder will be responsible for fault-free operations.
- . The concerned Team 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.
- . **Delivery/Implementation Timelines** for this project is maximum **3 Months** from Signing of agreement including supply of material on site, fixing testing and handing over to the WRAP Project management.
- . The acceptance and rejection of items will also be based on the approval of required tests for ensuring quality compliance from concerned technical team of WWF-Pakistan.
- . The technical staff of the vendor/Supplier shall plan the pre visit of the site, before submitting the Bid.
- . More specific terms and conditions will be as per WWF-Pakistan's standard vendor agreement; sample could be obtained upon request.
- . The Vendor should have Civil/Electrical Engineer at site, with relevant solarization work experience.
- . All the Materials should have relevant specifications mentioned in BOQ and the samples should be properly approved from the Concerned Technical / Engineering Team before installation.
- . The vendor will not sublet the work to any 3rd party.
- . The Vendor should implement each scheme with separate resources simultaneously.

Design of Warijun Payeen:

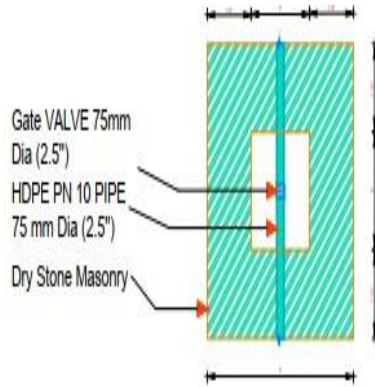




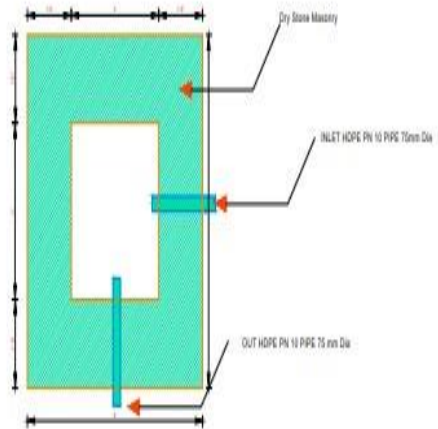
SECTION OF INTAKE TANK SEGMENT A
WARIJUN PAYEEN MULKHOW SOLAR WATER UPLIFTING PROJECT



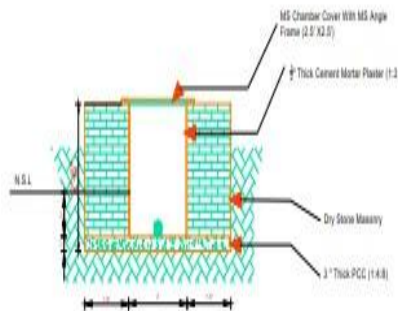
EXCAVATION PLAN OF INTAKE TANK SEGMENT A
WARIJUN PAYEEN MULKHOW SOLAR WATER UPLIFTING PROJECT



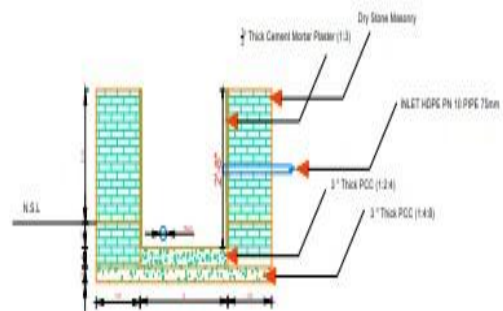
PLAN OF VALVE CHAMBER SEGMENT D
 WARIJUN PAYEEN SOLAR WATER UPLIFTING



PLAN OF OUTLET CHAMBER SEGMENT E
 WARIJUN PAYEEN SOLAR WATER UPLIFTING

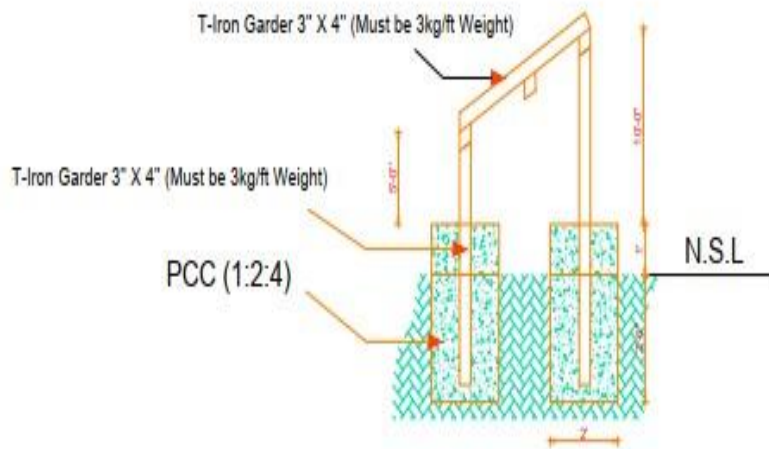
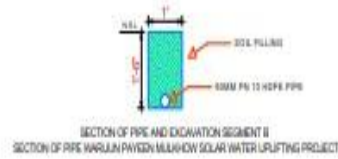


X-SECTION OF VALVE CHAMBER SEGMENT D
 WARIJUN PAYEEN SOLAR WATER UPLIFTING



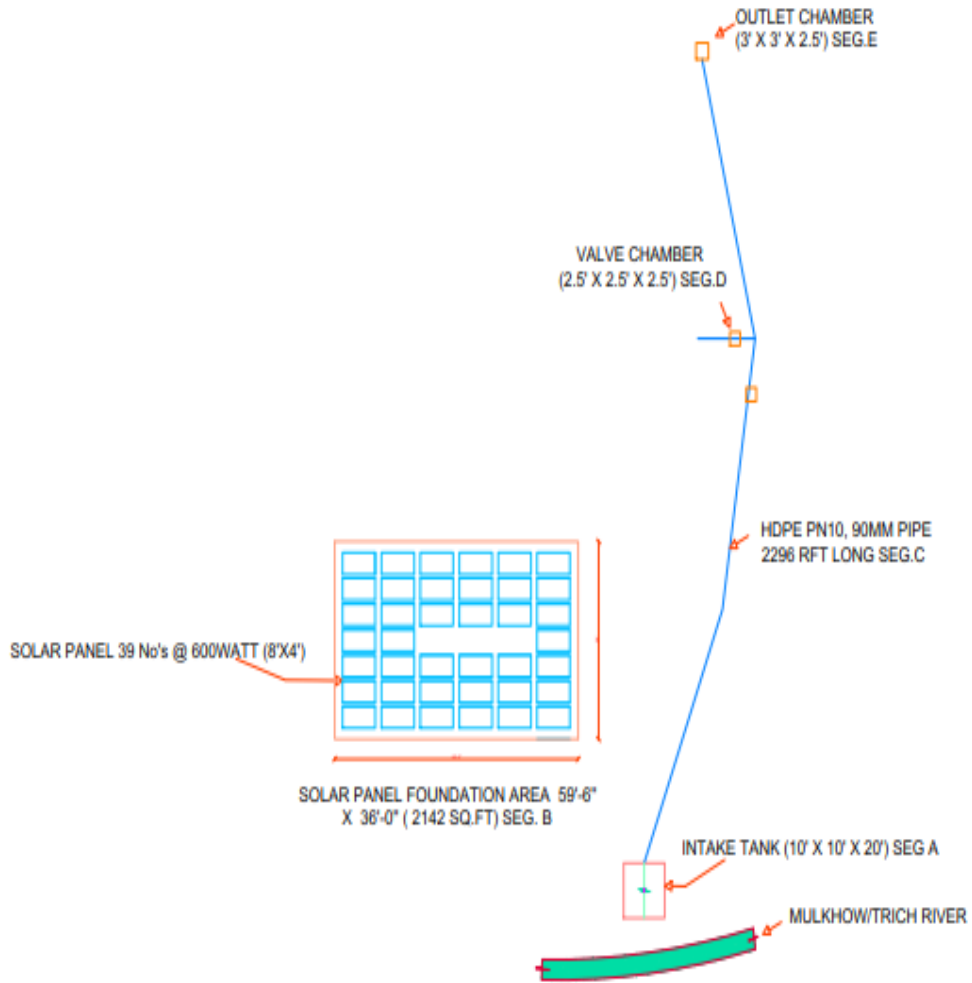
X-SECTION OF OUTLET CHAMBER SEGMENT E
 WARIJUN PAYEEN SOLAR WATER UPLIFTING

WARIJUN PAYEEN SOLAR WATER UPLIFTING PROJECT

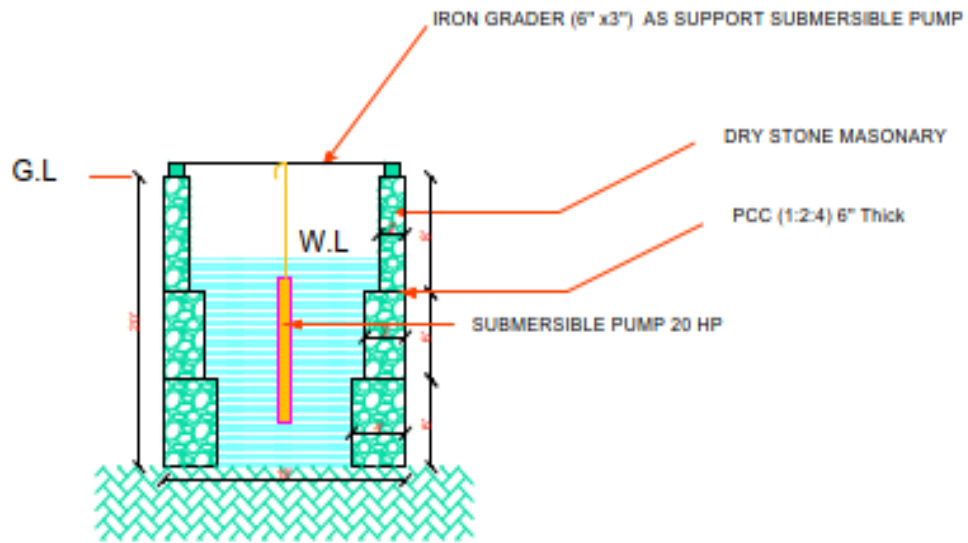


X-SECTION OF SOLAR PANEL FOUNDATION SEGMENT C
WARIJUN PAYEEN SOLAR WATER UPLIFTING PROJECT

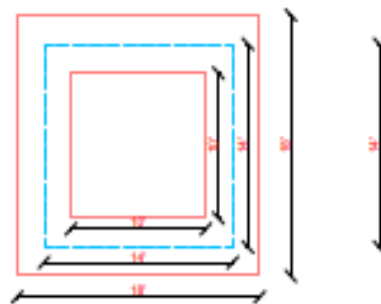
Design of Gankoreni:



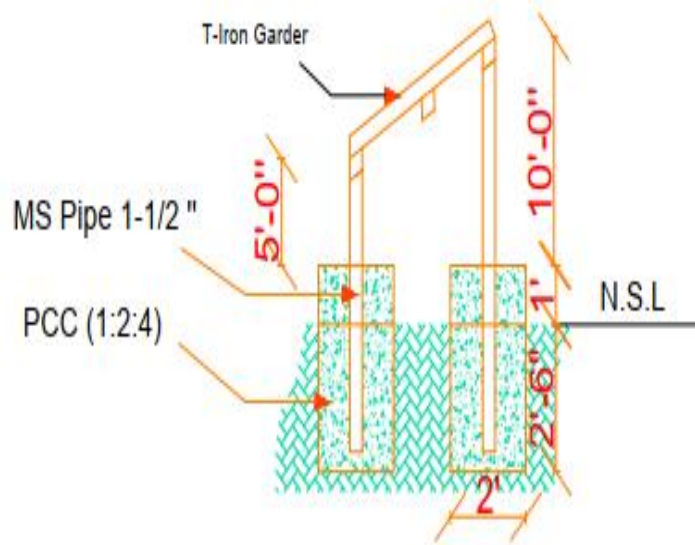
MASTER PLAN OF GANKORENI SOLAR WATER
UPLIFTING PROJECT MULKHOW DISTRICT UPPER
CHITRAL



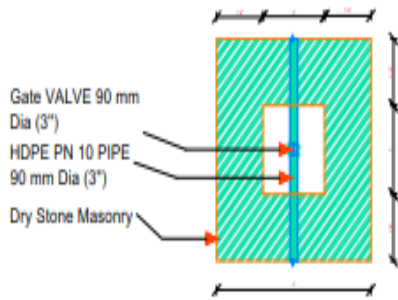
SECTION OF INTAKE TANK SEGMENT A
GANKORENI MULKHOW SOLAR WATER UPLIFTING PROJECT



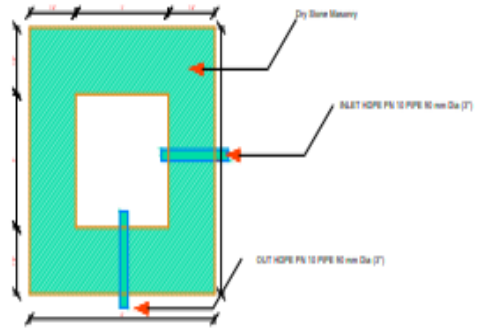
EXCAVATION PLAN OF INTAKE TANK SEGMENT A
GANKORENI MULKHOW SOLAR WATER UPLIFTING PROJECT



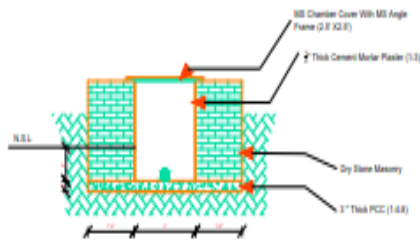
X-SECTION OF SOLAR PANEL FOUNDATION SEGMENT B
GANKORENI SOLAR WATER UPLIFTING PROJECT



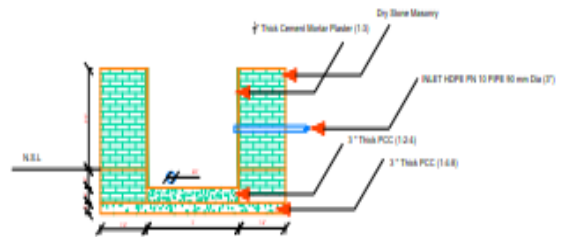
PLAN OF VALVE CHAMBER SEGMENT D
 GANK ORENI SOLAR WATER UPLIFTING



PLAN OF OUTLET CHAMBER SEGMENT E
 GANK ORENI SOLAR WATER UPLIFTING



X-SECTION OF VALVE CHAMBER SEGMENT D
 GANK ORENI SOLAR WATER UPLIFTING



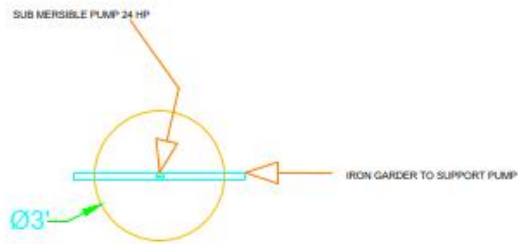
X-SECTION OF OUTLET CHAMBER SEGMENT E
 GANK ORENI SOLAR WATER UPLIFTING



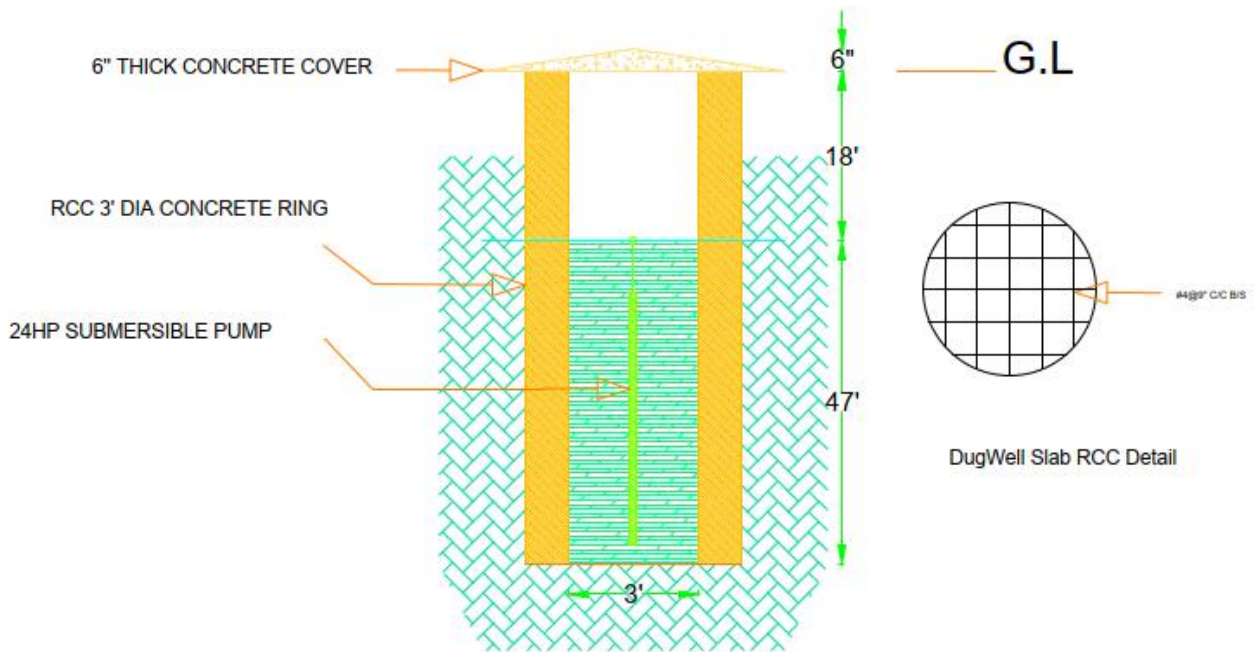
WORLD WIDE FUND FOR NATURE
HEAD OFFICE, FEROZEPUR ROAD LAHORE

Design of Shogram:

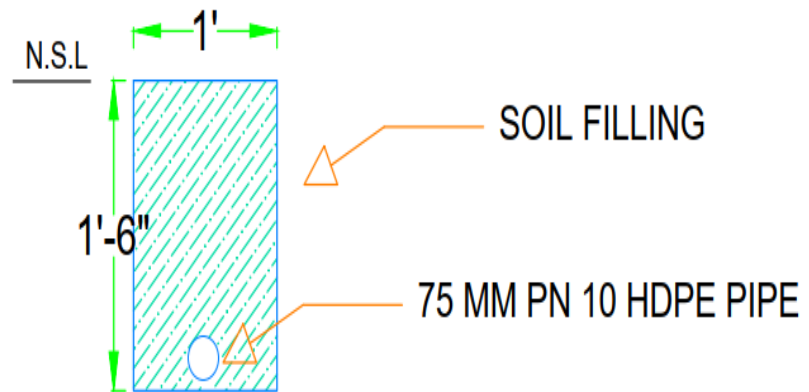
A large, empty rectangular box with a thin black border, intended for the design of a shogram.



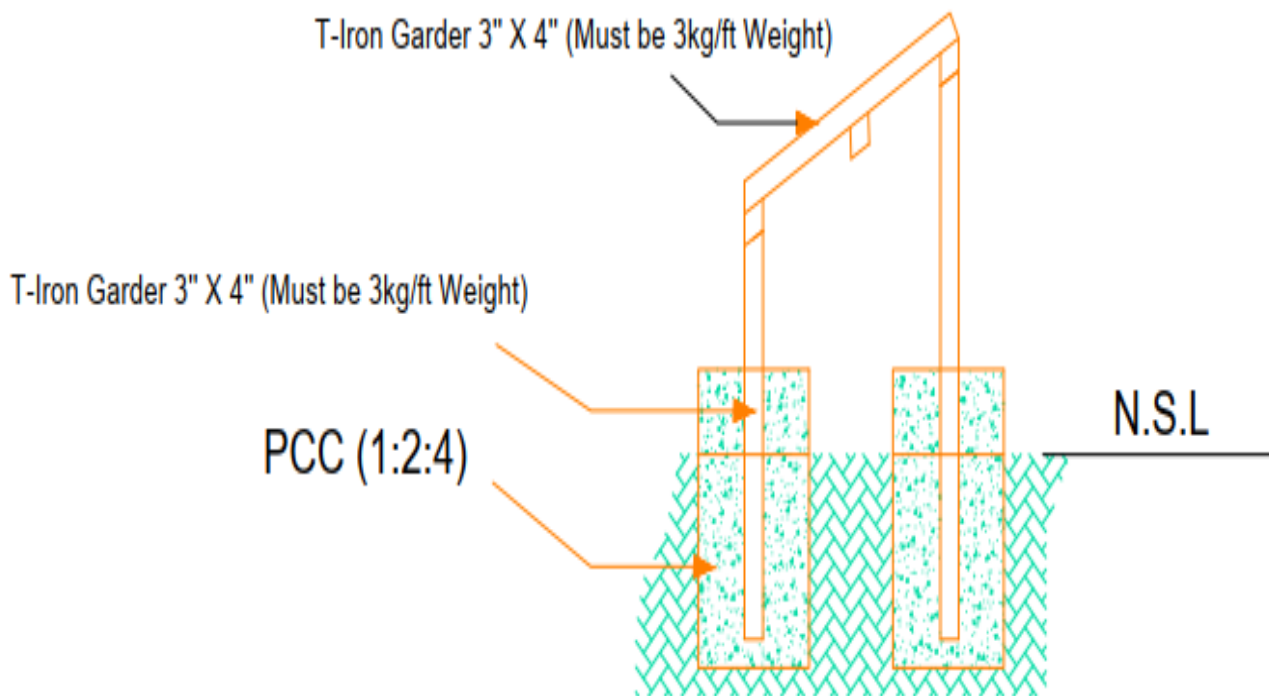
PLAN OF DUGWELL SHAGRAM KOSHT SOLAR WATER UPLIFTING PROJECT



SECTION OF DUGWELL SHAGRAM KOSHT SOLAR WATER UPLIFTING PROJECT



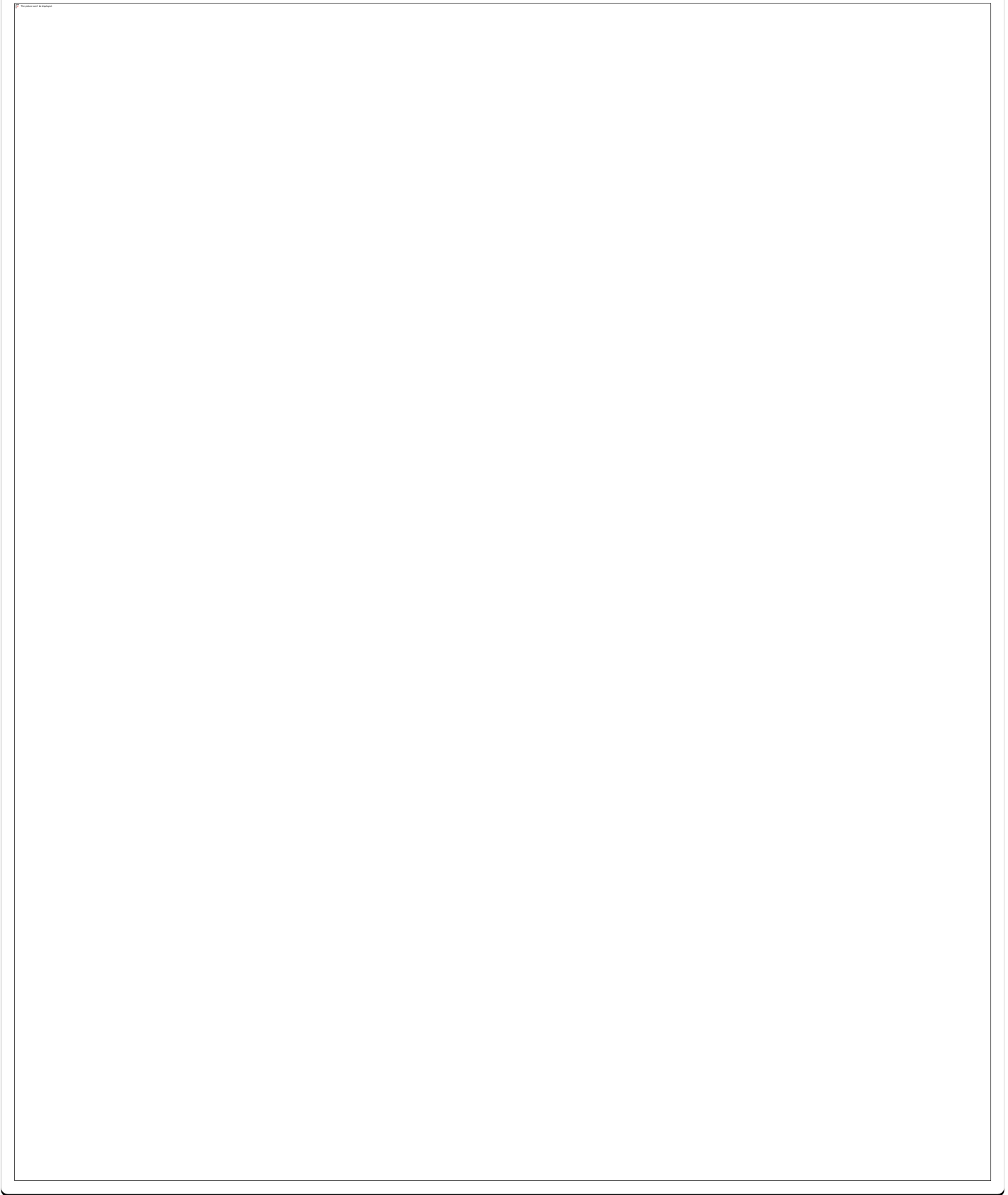
SECTION OF PIPE AND EXCAVATION SEGMENT B
SECTION OF PIPE SHAGRAM KOSHT SOLAR WATER UPLIFTING PROJECT



X-SECTION OF SOLAR PANEL FOUNDATION SEGMENT C
SHOGRAM KOSHT SOLAR WATER UPLIFTING PROJECT

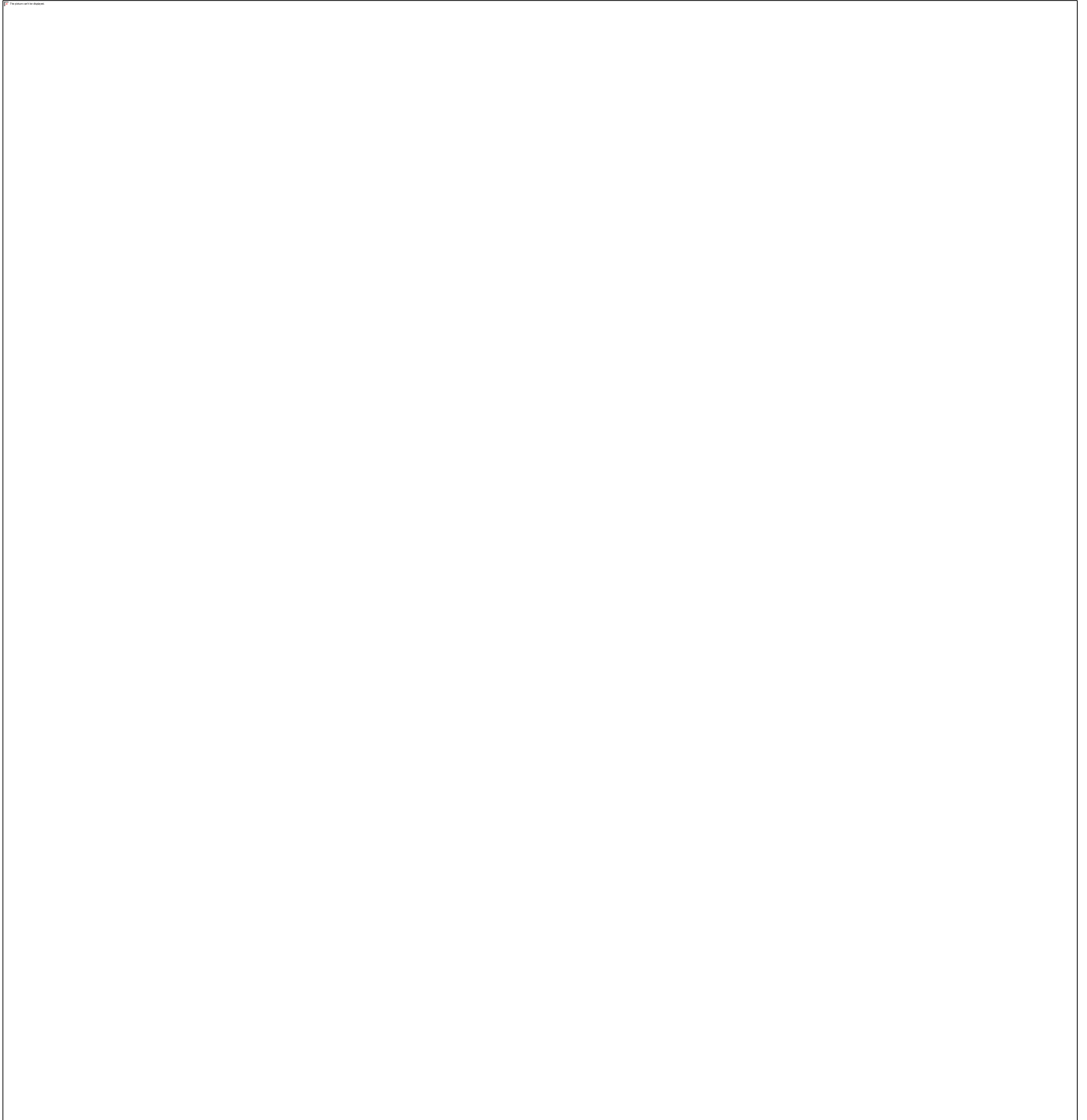


WORLD WIDE FUND FOR NATURE
HEAD OFFICE, FEROZEPUR ROAD LAHORE





WORLD WIDE FUND FOR NATURE
HEAD OFFICE, FEROZEPUR ROAD LAHORE





WORLD WIDE FUND FOR NATURE
HEAD OFFICE, FEROZEPUR ROAD LAHORE