



Tender Document for

**Complete Installation of Solar-based drinking water on existing borewell/hand pump at the
base/Jal Minar (17 Units) in 30 villages of Ghorawal block**

District: Sonbhadra, Uttar Pradesh

**BAIF Institute for Sustainable Livelihoods and Development
27 A, LIC Road, Tagore Town, Prayagraj, Uttar Pradesh 211002
Mobile No. 6261142478/9955438948**

NOTICE INVITING TENDER

The duly sealed & signed Tender is invited in a sealed envelope till 16.06.2026 up to 5:00 pm at our State Head Office – BAIF Bhawan, 27-A Tagore Town, Prayagraj, Uttar Pradesh 211002. Each page of the tender document must be sealed and signed. Your signature on the Tender document will be considered as confirmation that you have read and accepted all the conditions laid down in the documents. Along with the tender document, the DD of the earnest money must be submitted. Tenders will not be accepted without the earnest money. The tender will not be accepted after the time for submission as mentioned above, is over. Before submitting a tender, the tenderer shall also inspect the site of the work and acquaint himself or herself with the local conditions, means of access to the site of work, nature of work, and all other matters pertaining thereto. The tenderer will be deemed to have satisfied himself / herself by actual inspection of the site and locality of the works.

Tender Details

Date of issue of tender	9 th June 2026
Last date and time for submission of Tender Documents	16 th June 2026
<i>Note: The Tender form is given at the end of this document. Please use it for quoting your rate & cost, along with DD of the Earnest money.</i>	

1. The tender document can be downloaded from the official website: <https://baif.org.in/tenders/>
2. The sealed tender document duly filled in with the name of the work and the name of the tenderer written on the envelope, will be submitted at BAIF Institute for Sustainable Livelihoods and Development, Prayagraj, Uttar Pradesh by June 16, 2026 by 5 pm by hand/Registered Post/Courier/E-mail in an attached password protected PDF file.

Name of work: For drinking purpose - providing and supply of 2000 Litre PVC water tank, 1 HP submersible pump and construction of G.I framed structure for the base of tank. The water lifting pump will be operated by solar. With Solar Street light, soak pit and Jal fencing.

Total Units – 17

Complete work (Material + Labour) - Installation, Civil work, Iron framework for base of water tank, earthing with all the accessories and transportation, etc.

Brief Description of Work	Total Units	Place of Work	Date of Project Completion
<p>Name of work: 1. For drinking purpose - providing and supply of 2000 Litre PVC water tank, 1 HP submersible pump and construction of an iron framed structure for the base of the tank. The water lifting pump will be operated by solar. With Solar Street Light, Soak pit & Jal fencing.</p> <p>2. Complete work (Material + Labour) - Installation, Civil work, Iron frame work for base of water tank, earthing with all the accessories and transportation, etc.</p> <p>3. Insurance: 3 Years.</p> <p>4. Other details given below: Page No. 3, 4, 5, 6,7, 8.</p>	17	In 30 villages under the FDP project. These villages are in Ghorawal block of Sonbhadra District, Uttar Pradesh.	The work must be completed within 30 days from the date of the Work Order.

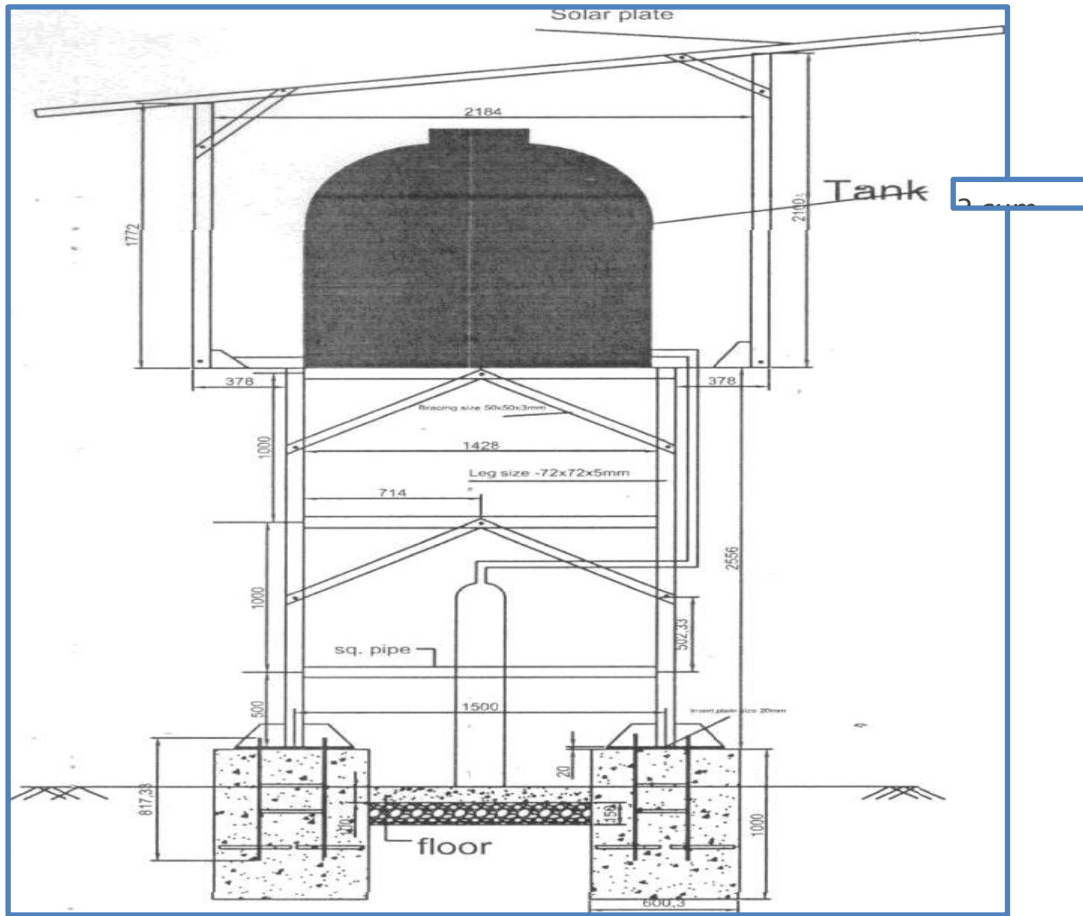
Solar-based drinking water (Jal Minar) With Solar Street light, Soak pit & Jal Minar fencing – 17 Units.

Estimate for Solar-based Drinking Water						
S N	Materials	Specifications	Unit	Unit (watt/ No./ Mtr)	Unit Cost (in Rs.) with GST Rate	Amount
1	1KW Solar PV Modules (Topcon bifacial)- 590 Wp, 1 in No., Total- 585 Wp Type - HI Tech, Make – (Brand Name-Luminous//Panasonic/ Waaree/Vikram/Tata Power Solar) with 25 Year Warranty.	590 Wp -02 Panels	Wp	1180		
2	Submersible 1HP DC Pump-Head 60 - 70 mtr & with related accessories (bend & clamps etc.) min 0.60-1.1 LPS, With 5 Year Warranty. (Brand Name – Shakti/Kirloskar/Amrut)	1 HP Shakti/Kirloskar/Amrut DC Pump	No.	1		
3	Solar Pump VFD Controller-01 HP-DC, With 5 Year Warranty (Brand Name – Shakti/Kirloskar/Amrut)	Solar Pump VFD Controller-01 HP-DC, Shakti/Kirloskar/Amrut	No.	1		
4	Solar Modular Mounting GI Structure Complete setup 320kg	GI 2.5 Mtr with joined table tank base plate	kg	320		

5	SUB Cable copper, 1 m (Flat cable copper 2.5 sqmm 3 core, Anchor)	Flat cable copper 2.5sqmm 3core, Anchor	Mtr	65		
6	2000 Ltr Water Tank (Premium brands (Sintex, Supreme, Ashirvad approved ISI grade & UV Stabilization) 3 layers	2000Ltr-Sintex, Supreme, Ashirvad approved ISI grade & UV Stabilization, 3 layers	No.	1		
7	Solar street light on fixing on Jal Minar structure	75 Wp solar Panel, 20w led bulb and 24 AH Lithium Battery	No.	1		
8	Automatic Water level Sensor/controller with installation Brand name-L&T (Lauritz Knudsen), Gelco & HONIX	Brand name-L&T (Lauritz Knudsen), Gelco & HONIX	No.	1		
9	Earthing Kit (Earthing of LA, DC controller & Pannel module) -rod Dia 14 mm ,1 Meter Long (100 Micron copper coated Solid earthing electrode) with Earthing compound material	1.2 Meter Long (100 Micron copper coated Solid earthing electrode)	No.	2		
10	Lighting Arrestor Set with Znk spray-LA Type - 5 Spikes Type with 80mm Length with 8mm dia.,1.2 Meter Long (100 Micron copper coated Solid earthing electrode, Earthing Pole Mounted 5 m height.	Use To protect from lighting	No.	1		
11	Gate Valve (90-degree tun on, off)-UPVC- Brand Name-FINOLEX/Ashirvad/Supreme aqua	1.25" UPVC	No.	2		
12	Panel cleaner (sprinkle nozzle)	PVC	No.	6		
13	HDPE Pipe as site required, 60mtr (Brand Name - Finolex/Aashirvad/Supreme)	HDPE Pipe PE 80 PN6 32 MM	Mtr	65		
14	Submersible pump safety rope-Nylon 12 mm rope	12mm	Mtr	65		
15	UPVC Pipes with fitting of all accessories - Water source to Building. (Brand Name-Finolex/ Aashirvad/Supreme/Astral), Providing and fixing uPVC. pipes of 25 mm Dia complete with PVC fittings including trenching and refilling etc.	25 mm UPVC pipe with 6 kg/cm ² pressure	Mtr	10		
16	Stainless Steel - Stainless Steel Tap (Brand Name-Somany, Hindware, Ruhe, and Jaquar) Premium PTMT taps, corrosion-resistant, high durability, 5–10-year warranties.	25 mm	No.	2		
17	AMC- 3 year (every 6 months or whenever Problematic) as per Panel Wp	AMC 03 years	Wp	1180		
18	Complete insurance of Solar Lift irrigation Scheme – 3 years	Insurance-03 years	No.	1		
19	Civil work, Soak pit & GI mesh wire fencing	Annexures - A, B, C attached				

20	System testing, installation, integration, commissioning of system, 03 years of servicing		Wp	1180		
21	Miscellaneous work & Transportation including site location					

Photo

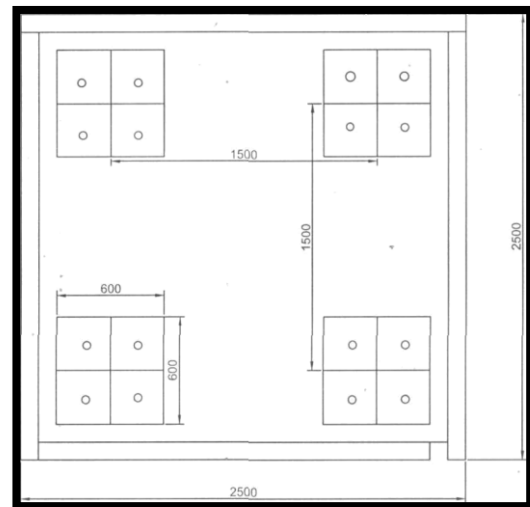
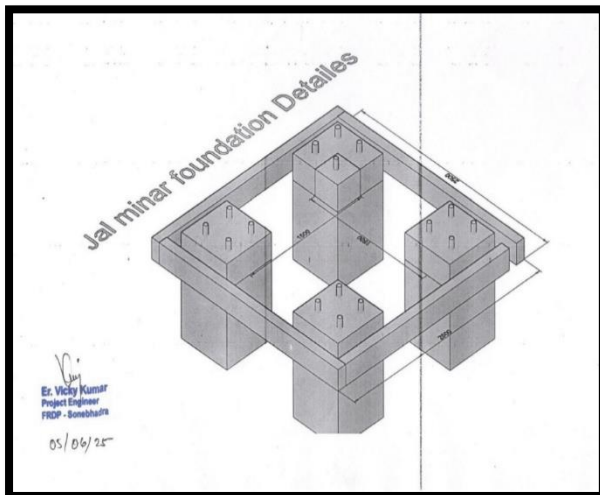


Annexure A: Solar-based drinking water (Jal Minar) - (Foundation work and other details)

Annexure A					
Estimate for Jal Minar Civil Work					
S N	Particulars	Quantity	Unit	Unit Cost (in Rs.) With GST Rate	Amount
1	Earth work in excavation by mechanical means manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m — All kinds of soil.	5.20	cum		

2	Providing and laying in position cement concrete 1:2:4 (1 Cement: 2 Coarse Sand: 4 Graded Stone Aggregate 40 mm nominal size), for column footing- all work up to plinth level.	0.77	cum		
3	Reinforced Cement Concrete work in foundations, footings, bases of columns, etc., and reinforcement, with 1:1.5:3 (M20 Grade) concrete. RCC Garde -1:1.5:3 column Footing Casting	0.77	cum		
4	Foundation mesh single Jali (10mm Dia steel bar)	29.63	kg		
5	Column steel 12mm Dia	17.07	kg		
6	Column 8 mm Dia strip 150c/c (total No. 6 strips)	18.96	kg		
7	Column concrete work (M-20 grade)	1.44	cum		
8	Floor mesh Top Jali size 2.5 m x 2.5 m, 8mm Dia 200 c/c	3.95	kg		
9	Reinforced Cement Concrete work in foundations, footings, bases of columns, etc., and reinforcement, with 1:1.5:3 (M20 Grade) concrete. RCC Garde -1:1.5:3 Footing Casting	0.63	cum		
10	Providing and laying in position cement concrete of specified grade - All work up to plinth level: 1:5:10 (1 Cement: 5 coarse sands: 10 graded stone aggregate 40 mm nominal size) For Column footing (40 mm STONE)	0.94	cum		
11	Bolt mesh str.		No.		
12	Half brick masonry with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to Floor V level in cement mortar 1:4	6.00	Sqm		
13	12 mm cement plaster of mix 1:4 (1 cement: 4 coarse sand) Outer surface	4.00	Sqm		

Photo



Annexure B: Solar-based drinking water (Jal Minar) - Fencing work

Annexure B					
Estimate for Jal Minar Fencing					
Sr. No.	Particulars	Quantity	Unit	Unit Cost (in Rs.) With GST Rate	Amount
1	Earth work in excavation by mechanical means manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m — All kinds of soil.	0.36	cum		
2	Providing and laying in position cement concrete 1:2:4 (1 Cement: 2 Coarse Sand: 4 Graded Stone Aggregate 20 mm nominal size), excluding cantering and shuttering, all work up to plinth level- for Column footing-below GL-0.50 m & above GL-0.30	0.58	cum		
3	MS Angle Pole L-Shape (40x5) mm Height-1.70 m, and cover in below GL-0.50 m & above GL-1.20	8	No.		
4	Chain Link Fencing with G.I. of 10 Gauge (50x50 mm) Size (10 x1.2) m	12	Sqm		
5	MS flat Strip must be installed up to half of the fencing horizontally for making the fencing stiff, and stable as well as upper & lower MS strip to be installed- Size-25x3 mm- (Width × Thickness)	30	RM		
6	Door with angle frame	1.2	Sqm		

Photo



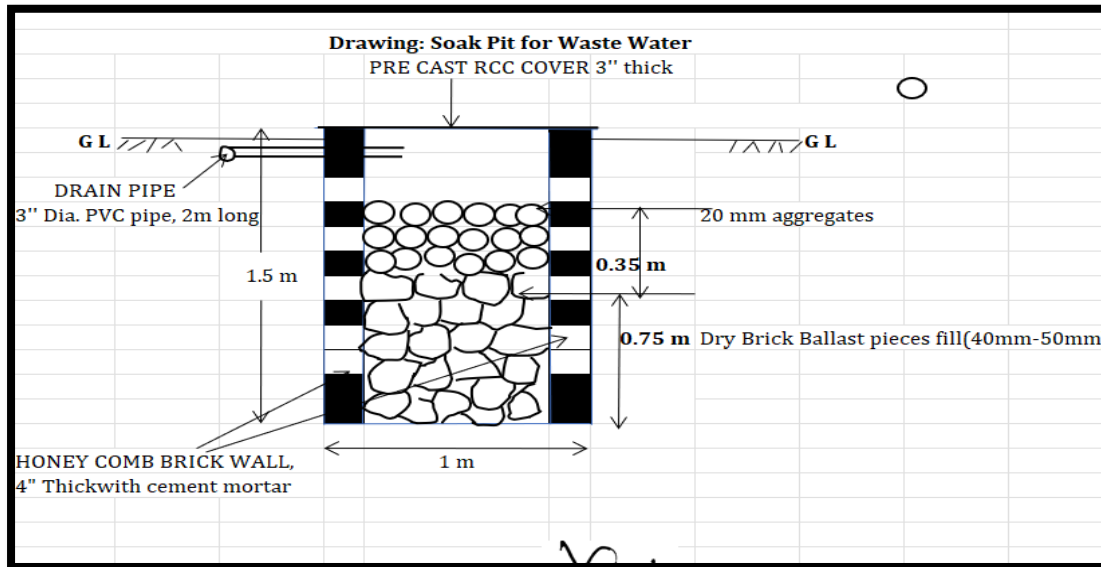
Annexure C: Solar-based drinking water (Jal Minar) – Soak pit work

Annexure C

Estimation for Soak Pit

SN	Particulars	Qty.	Unit	Unit Cost (In Rs.) with GST Rate	Amount
1	Earth work in excavation by mechanical means manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m — All kinds of soil.	1.18	cum		
2	Honey-comb brick work 10 / 11.4 cm thick with common burnt clay bricks of class designation 7.5 in super structure above plinth level up to floor level with cement mortar 1:4 (1 cement: 4 coarse sand).	4.71	sqm		
3	Filling of Pieces Brick for Filter media (40mm-50mm size)	0.38	cum		
4	Filling of 20 mm aggregates for Filter media	0.18	cum		
5	75 mm thick precast RCC cover slab with reinforcement	0.07	cum		
6	8 mm mild steel bars 12 in No. in both direction	5.53	kg		
7	3" Dia. PVC pipe, 10 feet long 01 in No.	1.00	No.		

Photo



Terms & Conditions:

1. The vendor must have their registration, GST registration and PAN documents. The duly signed copy of each document shall be submitted along with the tender.
2. Earnest money (2% of Tender value) shall be submitted along with the tender through DD in favour of “**BAIF INSTITUTE FOR SUSTAINABLE LIVELIHOODS AND DEVELOPMENT, U.P.**” payable in Prayagraj. Tenders will not be accepted without the earnest money. The Earnest Money will be returned to unsuccessful tenderers within a reasonable time.
3. None of the advance amount shall be given.
4. The 5% of bill amount (including earnest money) shall be retained as Security money for 36 months against maintenance of solar-based drinking water unit (Jal Minar).
5. The retained amount shall be refunded without any bank interest after 36 months.
6. **Defect liability period / Maintenance period:** The maintenance period will be 36 months for each unit from the date of satisfactory completion of work. In case, defects are found after completion of work, the vendor shall immediately repair the defects free of cost up to 36 months after completion of work. The vendor shall not claim any amount for repair work.
7. The “Insurance” of the entire structure must be done for a 3-year period by the Vendor. The cost will be included in the tender value.
8. **Penalty for delay in completion of work:** The organisation may impose penalties for delay in completion of work except in case of natural calamities and law and order situation. The penalty amount shall be **Rs. 500 per day**. The tenderer must agree to bear the penalty amount for any delay in the completion of work.
9. The rates offered by the Bidder/ Tenderer will be inclusive of all Taxes, License fees, Royalty, Octroi, Labour, Construction Materials, all Tools and Plants, Water, and Power required for satisfactory completion of the work.
10. In case of any mishap, injury or damage occurring at the site, it will be the responsibility of the vendor.
11. It should be mentioned clearly that the rates are inclusive or exclusive of GST and the GST rate in % should also be mentioned.
12. All payments will be made only after satisfactory completion of the work.
13. All works will be paid on the basis of actual measurements taken at site by our Engineer after satisfactory work completion.
14. All work should be executed as per the design and drawings, ensuring quality under the supervision of the engineer and don't compromise the quality & design of the overall structure.
15. **Quantity Variation:** The quantities mentioned in the tender are indicative. During field execution, quantities may increase or decrease as per actual site requirements in case of civil work/electrical little items like wires, Taps, PVC pipe, HDPE pipes etc. The contractor must execute the work as per the instructions of the field engineer, and payments will be made proportionately based on actual executed quantities.
16. Mention the Warranty and Maintenance period of major items like Solar panel, Pump etc.
17. All items supplied must strictly conform to the specified technical specifications and will be inspected and verified by the field engineer before acceptance.

18. The authority for the acceptance of the tender will rest with the organisation. It shall not be obligatory on the said authority to accept the lowest tender or any other tender and no tenderer (s) shall demand any explanation for the cause of rejection of his/their tender nor will the organisation undertake to assign reasons for declining to consider or reject any particular tender or tenders.
19. The competent authority of the organisation for the acceptance of the tender reserves the right to divide the tender amongst more than one tenderer, if deemed necessary.
20. The payment will be made for actual quantity of work, but not more than the quantity of work of a Jal Minar as mentioned in the work order.
21. The final payment shall be made after satisfactory completion of work on production of tax invoice with warranty card.

For BAIF Institute for Sustainable Livelihoods and Development

BAIF Bhawan, 27- A, Tagore Town, Prayagraj, Uttar Pradesh 211002

Tender Form

CONTACT PERSON (FOR THE TENDERER)

Name	
Address	
Telephone/Contact No.	
E-mail	

ECONOMIC AND FINANCIAL CAPACITY

Financial Year	2023-24	2024-25	2025-26
Annual turnover (Rs. in Lakhs)			

EXPERIENCE

Complete the table using the format below to summarise the major relevant work carried out in the course of the past 3 years by the legal entity or entities making this tender. The number of references to be provided must not exceed 3 for the entire tender.

Sr. No.	Name and Address of Client	Capacity of Solar based drinking water (Jal Minar) Installed	Date/Year of Installation	Contract value (Rs.)

TENDER DECLARATION

1. I/We have read and examined all the tender documents.
2. We also undertake, if required, to provide evidence of the financial and economic standing and the technical and professional capacity according to the selection criteria for this call for tender. We also understand that if we fail to provide the required proof/evidence within 7 calendar days after receiving the notification of award or if the information provided is proven false, the award may be considered null and void.
3. I/We shall be debarred for tendering with BISLD-UP. If such a violation comes to the notice of BISLD-UP before the date of start of work, BISLD-UP shall be free to forfeit the entire amount of the earnest money deposit.
4. I/We hereby declare that I/We shall treat the tender documents, drawings and other records connected with the work as secret/confidential and shall not communicate information derived therefrom to any person other than a person to whom I/We am/are authorised to communicate the same or use the information in any manner prejudicial to the safety of BISLD-UP.

Yours faithfully

Name and Signature of Authorised Person.....

Date & Place.....

Seal of the firm/company/entity

Quotation/Tender value

I am ready to undertake the following items of work at the rates mentioned below **(Please provide the rates):**

S N	Particulars	Unit	Rate with GST (Rs per set / No.)	Total amount (Rs.)
1	<p>1. For drinking purpose providing and supply of 2000 Litre PVC water tank, 1 HP submersible pump and construction of an iron framed structure for the base of the tank. The water lifting pump will be operated by solar. With Solar Street light, soak pit & Jal Minar Fencing work.</p> <p>2. Complete work (Material + Labour) - Installation, Civil work, Iron framework for the base of the water tank, earthing with all the accessories and transportation, etc.</p> <p>3. Insurance of unit</p> <p>Note: - For detailed information, please refer to the description sheet given on pages 3,4,5,6,7, 8.</p>	17

Amount in words: Rs.

Any additional information

Date:

Signature with Stamp: