

**BAIF INSTITUTE FOR SUSTAINABLE LIVELIHOODS AND DEVELOPMENT****North Region/State Office: Uttar Pradesh**

27A, A.C. Banerjee Road, Tagore Town (LIC Colony), Prayagraj 211002

Uttar Pradesh Phone No. 0532-3500117/3500118

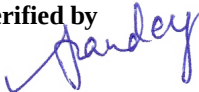
Email: bisld.up@baif.org.in, Webpage: <https://www.baif.org.in/bisld>

CIN: U73200PN2012NPL142984

Ref: BISLD/BOQ /Solar Irrigation Pump/ 2026-27/02**Date: 05/08/2026****Invitation for Tender Document****To****You are invited to inform us of the above subject or the proposed work.**

Name of Project	HDFC_HRDP (Bahraich)
Place of Work	11 Villages, 01 Block: Payagpur, Dist.: Bahraich
Description of Work	5HP Solar Irrigation Pump Set up, Total - 11
Work Details (Minimum)	Solar Irrigation Pump with Borewell for Total 11 Villages
Specification of items	Attached details given below: Pages 04, 05 & 06

Please note that the tender should be sent by E-mail as a single attached file. It is also mandatory to include the name of the work and your Mobile No on the tender document. Otherwise, your tender will not be considered for bidding. It is imperative to physically visit the site before filling out the tender to accurately assess the estimates.

Verified by
Abhishek Pandey
State Head**Approved by**
Surendra Verdia
Regional Director**Letter of Offer****To****BISLD Uttar Pradesh**

As per above mentioned subject, I,.....am willing to undertake this work as per the rates mentioned below:

Description of Work	5HP Solar Irrigation Pump
Amount of Work (Maximum)	
Rate of Vendor	As per rate: -..... Below (%): -.....
Date of work completion	

Address of Contractor**Signature of Contractor**

Registered Head Office: Dr. Manibhai Desai Nagar, NH 48, Warje, Pune 411058, Maharashtra
Phone: 020-25231661-7 E-mail: bisld@baif.org.in, Webpage: <https://www.baif.org.in/bisld>



Tender Document for
Complete Installation of 5 HP Solar Irrigation Pumps with Borewell (11 Units) in 11
Villages of Payagpur Block, District Bahraich, Uttar Pradesh

BAIF Institute for Sustainable Livelihoods and Development
27 A, LIC Road, Tagore Town, Prayagraj, Uttar Pradesh 211002
Mobile No. 876587342/7509165130 / 9955438948

NOTICE INVITING TENDER

The duly sealed & signed Tender is invited in a sealed envelope till 14.08.2026 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	04 th August 2026
Last date and time for submission of Tender Documents	14 th August 2026
Earnest money	2% of Tender Value
Tender No.	Complete set of Solar irrigation pump system / August 2026-27/02
<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 to BAIF Institute for Sustainable Livelihoods and Development, Prayagraj, Uttar Pradesh till 14th August 2026 by hand/Registered Post/Courier/E-mail with a password protected PDF file sent to procurement.up@baif.org.in

Contact Persons:

Devendra Mandal and Rajneesh Kumar / Ratnesh Kumar
Mobile No. 9955438948 / 8765876342 / 7509165130

Name of work: Providing and Supply with complete installation of 5 HP Solar Irrigation Pump with borewell (11 Units)

Complete work (Material + Labour) - Installation, Civil work, earthing with all the accessories and transportation, etc.

Brief Description of Work	Qty.	Place of Work	Completion date of Project
1. 05 HP DC Solar pump. (ISO certified). 2. Solar Panel 5265-watt capacity. 3. Borewell drilling & PVC casing- 6-inch dia with completed casing up to depth of hard Stone strata (Minimum 70-80 Feet of casing pipe). 4. Solar GI chain-link fencing with M.S. angle posts and complete setup. 5. Complete civil work (Material + Labour) for fencing & solar mounting structure- Installation, Civil work, earthing with all the accessories and transportation, Insurance & AMC etc. 6. Annexures A and B (attached)	11	In 11 villages under the HRDP project. These villages are in Payagpur block of Bahraich District, Uttar Pradesh.	The work must be completed within 35 days from the date of the Work Order.

Annexure: A Solar Irrigation Pump (Solar Panel, Pump & Borewell, etc)

Sr. No.	Activity	Quantity	Unit	HSN Code	Unit Rate (Rs.)	Unit Rate (Rs.)
1	05 KW Solar PV Modules (Topcon bifacial)- 585 Wp, 9 in No., Total: 5265 Wp. Type - HI Tech, Make – (Luminous/Panasonic/ Vikram) with 25 Year Warranty.	5265	No.			
2	Solar Submersible DC Pump & Motor - 05 HP, with related accessories (Suction pipe, bend & clamps etc.) minimum 3-4 LPS for 20-25 M Head, With 5 Year Warranty. (make/brand – Shakti/Kirloskar/Amrut)	1	No.			
3	Solar Pump Controller-05 HP-DC, With 5 Year Warranty (Shakti, Crompton, Kirloskar, Amrut)	1	No.			
4	Module Mounting Structure with civil work as per site requirement and No. of Solar Panels to be installed - Hot Dip Galvanised. The concrete blocks should be sloped with the top surface.	150	Kg			
5	Inner Connecting Cable - DC, 04 Sq. mm, Copper-3-4 mtr.	6	Mtr			
6	SUB Cable copper,1 m (Flat cable copper 2.5sqmm 3core, Polycab)	30	Mtr			
7	Submersible pump safety rope-Nylon 12 mm rope	30	Mtr			
8	Lighting Arrestor Set- LA Type -Spike Type, Earthing HDG Pole Mounted 5m height. (4 m above the ground and 1 m below the ground)	1	No.			
9	Earthing Kit (Earthing of LA, DC controller & Panel module) -rod Dia 14 mm ,1 Meter Long (100 Micron copper coated Solid earthing electrode) With 5 kg Earthing compound and GI wire -10 mtrs for Structure. (Zinc powder must be poured beneath for the better productivity)	3	No.			

10	Sub. Cable - Copper, 4 sq.mm, 3 cores, 5m, polycab	5	Mtr			
11	Electrical Fitting material and accessories, System Testing, Installation, Integration, Commissioning of system 03 years of servicing- as per panel wp					
12	AMC- 5 Year (every 6 months or whenever Problematic) as per panel wp	2925	Wp			
13	Providing and erecting GI chain-link fencing of 1.2 m (4 ft) height using GI chain-link mesh of 50 × 50 mm, fixed on M.S. angle posts (40 × 40 × 6 mm) at approximately 2.0 m c/c, including excavation of pits, embedding posts in cement concrete (1:4:8) blocks of suitable size with sloped top surface, necessary welding, nuts & bolts, and two coats of oil painting, including one no. M.S. framed GI chain-link gate of suitable size for entry, complete as per site requirement. (i). The size of column for both solar modules stand, L shaped MS pillars and signage board stand will be 9"x 9" and depth must be 1.50 ft & above GL 1 ft with a M-20 concrete mix. (ii) MS Strip must be installed upto half of the fencing horizontally for making the fencing stiff, and stable as well as upper & lower MS strip to be installed. (iii) MS Strip also be given vertically in between the two L shaped columns for the well stability of the whole structure. (iv) The fencing chain link must be of 12 guaze with gap of 2" x 2" of wire mesh. (v) Full structure will be properly welded and coloured and MS strip must be at the bottom and top of the wire mesh.	30.00	Mtr			
14	Providing and fixing gate with angle iron frame 40mm x 40mm x 6mm with iron bars at 150mm C/C and diagonal flats, pivot block locking arrangement, welding riveting and oil painting of three coats of approved shade Weight of gate 35 Kg/Smt. Size of gate would be (LXH, 1X1.8m)	1.80	Sqmtr			
15	Complete insurance of Solar Lift irrigation Scheme with user group wise-3year	3	year			
16	Flex Board (5ft*3ft) Frame Angle size- 25 sqmm (Hollow Square pipe) All the details will be written on flex black back with BAIF and HDFC logo.	3	No.			
17	Hi Tech Automatic Solar panel cleaning sprinkler with 12 nozzles	1.00	Job			
18	Transportation cost for one unit	1	No.			

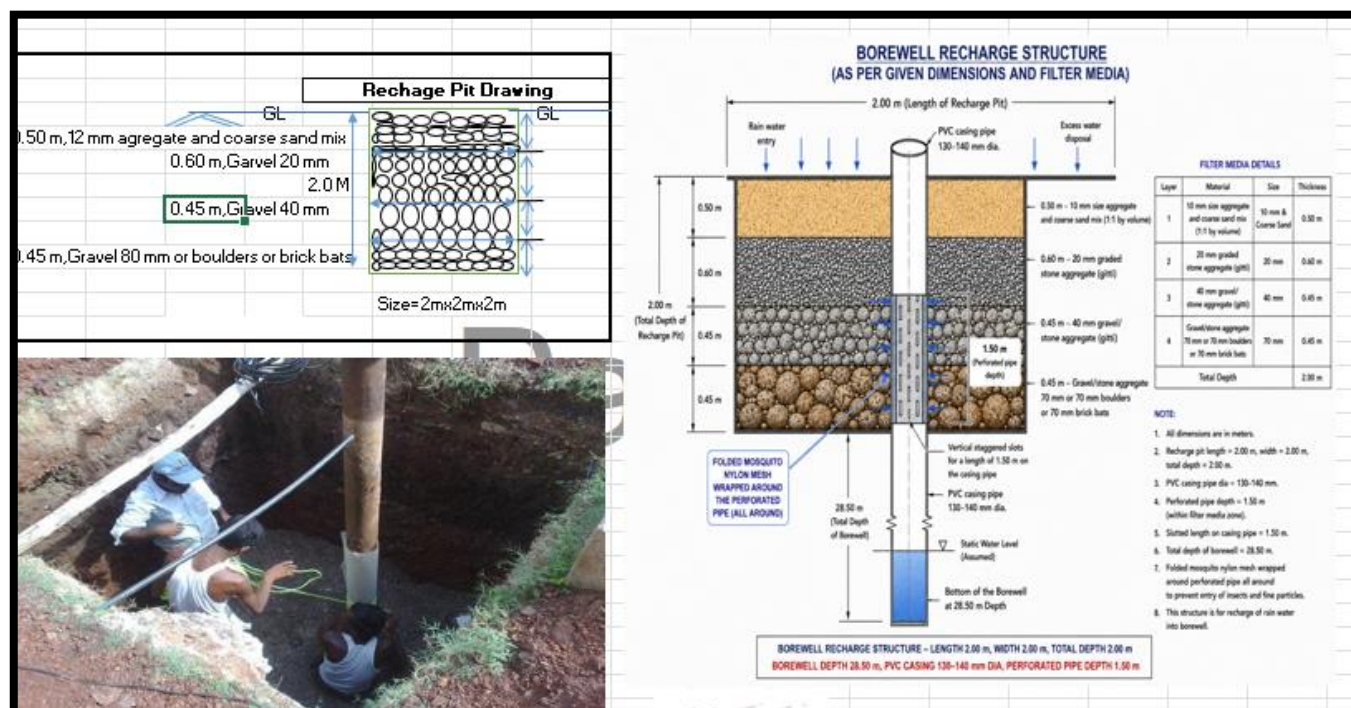
19	Borewell drilling & PVC casing- 6-inch dia with completed casing up to depth of hard Stone strata (Minimum 70-80 Feet of casing pipe), Total depth of bore well- 120 feet, with 6kg/Cm2 pressure pipe with ISI brand-included of 1.50 mtr perforated (perforation PVC pipe Zig-zag type) PVC pipe -06kg/cm2 pressure in below of GL installed for recharge purposes.	1	120			
20	HDPE Pipe OD 75 mm, PN 6, PE 80, IS 4984 (100% Virgin Material) PN6 (6 kg/cm ²) (Brand Name-Astral/Supreme/Finolex/Jain Irrigation/Prince pipes) including supply, laying, jointing & testing	25	Mtr			
Recharge pit for Borewell recharge for one unit						
Total Cost of Solar lift irrigation and recharge pit for bore well including GST for one unit						
Total Cost of Solar lift irrigation and recharge pit for borewell including GST for 11 units						

Annexure: 2 Recharge Pit for Borewell recharge

SN	Particulars of item	No.	Length (m)	Width (m)	Height/Depth (m)	Qty.	Unit	Rate with GST	Amt.
1.0	Recharge pit (Size-2 m x2 m x 2 m) for contributing in ground water through collecting of roof runoff								
2.0	Earth Work excavation of Recharge pit Nearby bore well	1	2.00	2.00	2.00	8.00	Cum		
3.0	Collection, stacking & and laying of filter media Up to ground level filling of Recharge pit								
3.1	10 mm size aggregate and coarse sand mix (1:1 by volume)	1	2.00	2.00	0.50	2.00	Cum		
3.2	20 mm graded stone aggregate (gitti)	1	2.00	2.00	0.60	2.40	Cum		
3.3	40 mm gravel/stone aggregate (gitti)	1	2.00	2.00	0.45	1.80	Cum		
3.4	gravel/stone aggregate 70 mm or 70 mm boulders or 70 mm brick bats	1	2.00	2.00	0.45	1.80	Cum		
3.5	Labour for filling	4				4.00	Mandays		

3.5	perforated (perforation PVC pipe Zig-zag type) PVC pipe -06kg/cm ² pressure-Estimated cost planned in Bore well section	1	1.50				RM		
Total Estimated Cost for one unit of Recharge Pit including GST									
Total Estimated Cost for 11 units of Recharge Pit including GST									

Drawing of Recharged Pit



Terms & Conditions:

- The vendors must have their registration, GST registration and PAN. The duly signed copy of each document shall be submitted along with the tender.
- 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.
- None of the advance amount shall be given.
- The 5% of bill amount (including earnest money) shall be retained as Security money for 36 months period against maintenance of solar pump unit.
- The retained amount shall be refunded without any bank interest after 36 months.
- Defect liability period / Maintenance period:** The maintenance period will be of 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 vendor must have their insurance for solar pump system setup (include all) in 3 years.
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 the 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. Any mishap, injury or damage occurring at the site, will be the responsibility of the vendor.
11. Mention clearly that the rates are inclusive or exclusive of GST and mention the GST rate in %.
12. All payments will be made only after satisfactory completion of the work.
13. 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.
14. 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.
15. The payment will be made for actual quantity of work, but not more than the quantity of work of a solar pump as mentioned in the work order.
16. The final payment shall be made after satisfactory completion of work on production of tax invoice with warranty card.
17. All works will be paid on the basis of actual measurements taken at site by our Engineer after satisfactory work completion.
18. 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.
19. **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/fencing work/electrical little items like Cables, wires, Taps, PVC pipe, HDPE pipes, etc. The vendor must execute the work as per the instructions of the field engineer, and payments will be made proportionately based on actual executed quantities.
20. Mention the Warranty, insurance & AMC and Maintenance period of major items like Solar Panel, Pump, Controller etc.
21. All items supplied must strictly conform to the specified technical specifications and will be inspected and verified by the field engineer before acceptance.
22. The Vendor shall ensure that the system achieves the specified discharge and performance parameters under standard operating conditions. Performance testing shall be carried out in the presence of the field engineer before final acceptance.
23. Any defective material, component, or equipment observed during the warranty period shall be repaired or replaced by the Vendor at no additional cost to the organisation within the stipulated time.
24. The Vendor shall submit all relevant documents, including technical datasheets, warranty certificates, insurance details, AMC terms, operation and maintenance manuals, Panel test certificates including panel serial number wise, and commissioning reports before release of the final payment.

25. The Vendor shall be responsible for the safety of materials and equipment during transportation, installation, and commissioning until formal handover of the system.
26. The field engineer reserves the right to inspect, verify, reject, or seek replacement of any material not conforming to the approved specifications, quality standards, or tender requirements.
27. The Vendor shall provide after-sales service support during the warranty and AMC period and shall attend to any complaints or breakdowns within the specified response time as agreed in the contract.
28. The solar PV modules, pump, controller, and all associated components shall be from approved manufacturers and shall comply with the latest MNRE/BIS/IEC standards, wherever applicable.
29. The 05 HP Solar irrigation Pump System shall be supplied, installed, tested, and commissioned as a complete unit, including solar PV modules, DC solar submersible pump, controller, cables, connectors, safety devices, and all other accessories required for satisfactory operation.

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 Pump 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 Authorized 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):**

SN	Particulars	Unit	Rate with GST (Rs per set / No.)	Total Amount (Rs.)
1	1. 05 HP DC Solar pump. (ISO certified). 2. Solar Panel 5265-watt capacity. 3. Borewell drilling & PVC casing- 6-inch dia with completed casing up to depth of hard Stone strata (Minimum 70-80 Feet of casing pipe). 4. Solar GI chain-link fencing with M.S. angle posts and complete setup. 5. Complete civil work (Material + Labour) for fencing & solar mounting structure- Installation, Civil work, earthing with all the accessories and transportation, Insurance & AMC etc. Note: - For detailed information, please refer to the description sheet given on Pages 04, 05 & 06.	11		

Amount in words: Rs.

.....

Any additional information

Date:

Signature with Stamp: