



Tender Document for
Complete Installation of 5 HP Solar Pump in Rae Bareli District

BAIF Institute for Sustainable Livelihoods and Development
BAIF Bhawan, 27-A, Tagore Town, Prayagraj, Uttar Pradesh 211002
Contact Number: 9716433282 / 8114019844

NOTICE INVITING TENDER

Sealed tenders are invited in prescribed form by BAIF Institute for Sustainable Livelihoods and Development, BAIF Bhawan, 27-A, Tagore Town, Prayagraj, Uttar Pradesh 211002 in Rae Bareli District of Uttar Pradesh from reputed, experienced, technically and financially sound agencies/contractors for the following work:

Tender Details

Reference No.	2063
Date of Tender Issuance	29 th November 2022
Last date and time for submission of Tender Document	8 th December 2022

1. Tender document can be downloaded from the official website: <https://baif.org.in/tenders/>
2. The filled up sealed tender document with the name of the work and the name of the tenderer written on the envelope will be received at BAIF Institute for Sustainable Livelihoods and Development, BAIF Bhawan, 27-A, Tagore Town, Prayagraj, Uttar Pradesh 211002, India till 7th December 2022 by hand/ Registered Post/ Courier.

Name of work: Supply and complete installation of **5 HP Solar Pump (3 units)** with warranty period of **36 months**.

The technical specifications are as follows:

#	ITEM NO.	UNIT	QTY.
1	BORING		
A	Boring up to 55 m depth with supply of 160 mm PVC 18 m long strainer pipe should be of 14 kg/cm ² pressure while the remaining pipe 37 m 160 mm will be of minimum 10 kg/cm with all labour and t & p (as per specification of Engineer-In-charge)	NO.	1
B	GRIT: 10 mm Gauge	CUM	1
C	Operate compressor for cleaning of bore well upto 4 hours	HOUR	4
2	SOLAR PUMPING PLANT		
	Item 1: PV array: 4800 W, Solar Panel (IEC/6125, IEC/61730) IEC tested Panel Module Efficiency minimum 14%, Fill factor more than 70% Photo Voltaic-Cell efficiency minimum 16%, PV module must be warranted with output wattage which should not be less than 90% at the end of ten years and 80% at the end of 25 years.	UNIT	1
	Item 2: Mount MS Hot dipped Galvanized iron with minimum 80 Micron thickness. The mount should be installed on RCC platform with adequate height.		

	Item 3: VFD Drive: (5 HP 3 Phase with MPPT and IP54 protection) with box,		
	Item 4: Submersible pump: 5 HP, Head: 20 m Output: 90 mm		
	Discharge: More than 3.5 lakh litre/day, Body type: SS, Power: DC, with at least 5 years warranty and full replacement in manufacturing defect.		
	Item 6: Column pipe: HDPE pipe of 6 kg/cm ² size 63 mm ODPE 100 grade of 30 m length, Make: ISI Mark		

Work Period: Work must be completed within 25 days from date of issuing work order.

Terms and Conditions:

1. Earnest money (2% of Tender value) shall be submitted along with tender through DD in favour of “BAIF INSTITUTE FOR SUSTAINABLE LIVELIHOODS AND DEVELOPMENT, U.P.” payable at Prayagraj. Tender will not be accepted without earnest money. The Earnest Money will be returned to unsuccessful tenderers within a reasonable time. The Earnest Money deposited by successful tenderer(s) will be retained towards the Security Deposit (Retained amount).
2. Retained money shall be refunded after successful completion of **12 months**.
3. Defect liability period / Maintenance period: The maintenance period will be of **36 months** for each unit from date of satisfactory completion of work. In case, defects are found after completion of work, the contractor shall immediately repair the defects free of cost up to 36 months after completion of work. Contractor shall not claim any amount for repair work.
4. **Penalty for delay in completion of work:** The organization may impose penalty 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**. Tenderer must agree to bear the penalty amount for delay in completion of work.
5. The rates offered by the Bidder/ Tenderer will be inclusive of all Taxes, License fee, Royalty, Octroi, Labour and Construction Material, all Tools and Plants, Water and Power required for satisfactory completion of the work.
6. In case of any mishap, injury or damage occurring at the site, it will be the responsibility of the Contractor.
7. Mention clearly that the rates are inclusive of GST or exclusive of GST and mention GST rate in %.
8. All payments will be made only after satisfactory completion of the work.
9. 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.
10. The competent authority of organisation for the acceptance of the tender reserves the right to divide the tender amongst more than one tenderer, if deemed necessary.

Schedule of Payment:

- The 50% advance shall be made after work order and demand raised by the Vendor.
- The balance amount to be paid after satisfactory completion of work on production of Tax invoice with warranty card.

Others:**CONTACT PERSON (FOR THE TENDER)**

Name	
Address	
Telephone/ Contact No.	
E-mail	

ECONOMIC AND FINANCIAL CAPACITY

Financial Year	2019-20	2020-21	2021-22	2022-2023 Average (Rs.)
Annual turnover (Rs. in Lakhs)				

EXPERIENCE

Complete a table using the format below to summarise the major relevant work carried out in the course of past 5 years by the legal entity or entities making this tender. The number of references to be provided must not exceed 5 for the entire tender.

Sr. No.	Name and Address of Client	Capacity of Solar Pump Installed	Date/Year of Construction	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 proof/evidence required, within 7 calendar days after receiving the notification of award, or if the information provided is proved false, the award may be considered null and void.
3. I/We shall be debarred for tendering with BISLD-UP. Also, if such a violation comes to the notice of BISLD-UP before date of start of work, BISLD-UP shall be free to forfeit the entire amount of 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 documents and shall not communicate information derived there from to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the BISLD-UP.

Yours faithfully

Name and Signature of Authorized Person.....

Date & Place.....

Seal of the firm/company/entity:

Annexure: Submit your rates in the format given below (on the letterhead of the firm)

#	ITEM NO.	UNIT	QTY.	Rate per unit (In Rs.)	Total Amt. (Rs. lakhs)
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	Item 4: Submersible pump: 5 HP, Head: 20 m, Output: 90 mm				
	Discharge: More the 3.5 lakh litres/day, Body type: SS, Power: DC with at least 5 years warranty and full replacement in manufacturing defect				
	Item 6: Column pipe: HDPE pipe of 6 kg/cm ² size 63 mm ODPE 100 grade of 30 m length, Make: ISI Mark				
	Cost of One Unit				
	GST				
	FINAL COST OF ONE UNIT				
	Total tender value for Three Units				

Amount in Words:

Seal & Signature of Vendor: