

# BAIF Institute for Sustainable Livelihoods and Development

BAIF-BISLD Office, Nagpur, c/o Smt. Lata M. Kamble, Plot No. 30, NIT Layout, Trisharan Nagar, Khamla, Nagpur 440025

## TENDER FOR QUOTATIONS OF SOLAR-POWERED STREET LIGHT

O. No. BAIF Livelihoods /NG/

Date: 03/06/2026

You are invited to submit your most competitive quotation for the following products:

### SOLAR-POWERED STREET LIGHT

Sr. No.	Item - Specification	Make (Brand) / Minimum Warranty	Quantity Required	Delivery Place	Expected Month of Delivery
1	<b>Material of Construction:</b>		221 Solar Street Lights	Project villages of Parseoni Block, Nagpur District, Maharashtra.	May and June 2026
	a) PV Module: 80 WP, 12V, Mono Crystalline, MNRE/BIS-certified	TATA Solar Power/Waaree Energies/ Innovative Solar Solutions/Premier Energies and 25 Years warranty			
	b) Light Source: White LED				
	c) LED Power: LED head: minimum 25 W LED, either OSRAM-based or equivalent high-efficiency LED chip ( $\geq 110$ lm/W, IP66 rated), suitable for 12 V DC solar street-light systems.	OSRAM/ Havells Endura Sundown/ Phillips and 5 Years warranty			
	d) LED Colour temperature: 5500-6500K				
	e) Light Output - Min 15 Lux on Ground, (4 to 8m- diameter periphery) with UV and scratch resistant lenses.				
	f) Source at 5m above ground 2700 to 3600 lumens				
	g) Battery: LiFePO <sub>4</sub> , 12.8V - 24 AH, BIS Certified, integrated with Luminaire with a minimum 3 years warranty	Artek Energy/ Lithium Energy Experts/ RCRS Innovations/ IB Energy (or equivalent) with min 5 years warranty			
h) Autonomy- 1 days (12 Hours)					

Sr. No.	Item - Specification	Make (Brand) / Minimum Warranty	Quantity Required	Delivery Place	Expected Month of Delivery
	i) Charge Controller: In-built MPPT with >92% efficiency and charging indicator and error indicator with 5 years warranty	IS / 5 Year			
	j) Protections: Over charge, Deep discharge, battery reverse polarity, Load short circuit, open load and over temperature protection.				
	k) Fixed dimming profile (with 100% for min. 6 hours and min. 70% thereafter)	IS			
	l) Cylindrical Pole: GI (3" Class B) cylindrical pole min. 3mm thickness and total minimum length 5-6 meters, out of which 1.0–1.5 meters shall be embedded below ground level; the pole shall be fitted with a mild steel base plate of size 0.18 m × 0.18 m × 0.012 m, and a GI pipe clamp with nut & bolt shall be used to fix a 1 m length GI pipe section located 1 m below the street-light head, including all required nuts, bolts, washers, and anti-theft fasteners for the pole, clamps, and 1 m pipe assembly.	Branded/IS material			
	m) Duly Cycle: Dusk to dawn automatic operations				
	n) System Design: Integrated System- Luminaire controller, battery, etc. as an integrated unit.				
	o) Ingress Protection - Minimum IP66 for luminaire and battery/control housing; Impact Protection - Minimum IK08; and LM79 tested				
	p) Electronics efficiency: Min 85%				
	q) Solar Module peak output wattage				
	r) Solar module peak output voltage 80% of rated peak				
	s) UV-resistant solar DC cables from panel to controller				
	<b>Solar Street Lights Accessories and Installation</b>				
	a) Pit digging and Refilling (0.6 x0.6 x 1.0 m)				

Sr. No.	Item - Specification	Make (Brand) / Minimum Warranty	Quantity Required	Delivery Place	Expected Month of Delivery
	b) M15 Concrete refilling for street light.				
	c) Boards with Clamp Fitting to each pole.				
	d) Transportation				
	e) On-site-testing and verification for working of Street-light after installation				
	f) Solar Street light ID sticker for record and tracing				
	Post-Installation Sustainability				
	a) Annual Maintenance Contract for 3 years against repair/replacement, and maintenance				
	b) Training to local persons for installation, maintenance and repair				
	c) Providing suitable toolkits for maintenance and repair				
<b>2</b>	<b>Solar-Powered Street Light Branding</b>				
	a) Printing Work - Providing and fixing approved branding design digitally printed on Orafol (ORACAL) 100 micron self-adhesive vinyl using eco-solvent printing with UV lamination of 80 micron, pasted on 4 mm thick exterior grade ACP sheet of size 12 inch × 20 inch.	a) Vinyl Sheet - Orafol (ORCAL)/Avery Dennison Vinyl Sheet  b) ACP Sheet- AL strong/Viva ACP Sheet			
	b) Fixing on Solar Pole - Fixing printed boards on solar poles at height of about 2.5 m (8ft) above the ground level with clamps/brackets/U-clamps/MS frame as suitable for longevity of branding/installation.				

### **Description of the Product – SOLAR-POWERED STREET LIGHT**

-as above

#### **1. Quoted Price:**

- a. The Quotation shall be valid up to 30/07/2026 for the above described products.
- b. The bidder shall quote for goods/services in the format of the quotation attached only.
- c. All duties, taxes, F.O.R. and other levies payable by the bidder shall be included in the goods/services and shall stand final.
- d. The rates quoted for each good/service shall be fixed for the duration of the quotation validity and shall not be subject to adjustment.
- e. Corrections, if any, shall be made by crossing out, initialing, dating, and rewriting.

- f. The prices shall be quoted in Indian Rupees only.
- g. The installation should be completed within **20 days** after the release of the service order.
- h. Priority of award of contract given to Manufacture / Distributors need to submit documents of the same with the quotation.

**2. Each bidder must submit only one quotation. The bidder shall not contact other bidders in matters related to this Quotation.**

**3. Validity of quotations:**

The quotation shall remain valid up to **30/07/2026**.

**4. Evaluation of quotations:**

The purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which are properly signed, and conform to the terms & conditions and specifications in the following manner.

- a. The evaluation will be done exclusive of GST.
- b. The evaluation would be done for all the goods/services put together. The items for which no rates have been quoted would be treated as zero, and the total amount would be computed accordingly. We will award the contract to the responsive bidder whose total cost for all the items put together is the lowest or best suited to the required specification/quality as decided by the Procurement Committee.
- c. Will compare terms & conditions and specifications.

**5. Award of contract:**

- a. The purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest price as per Para 4(b) above.
- b. The purchaser prior to the expiry of the validity period of the quotation will notify the bidder whose quotation is accepted of the award of contract. The terms of the accepted offer shall be incorporated in the Purchase Order or Work Order.
- c. Notwithstanding the above, the purchaser reserves the right to accept or reject any quotation and to cancel the bidding process and reject all quotations any time prior to the award of the contract.

**6. Payment shall be made after 30 days of delivery of Material and Installation as per actual work within estimated cost.**

**7. Normal commercial guarantee/warranty shall be applicable to the supplied goods/ services and its installations.**

**8. Cost of Procurement Processing:**

The bidder shall pay a one-time “**Tender Fee**” of **Rs. 500/-** only through a detailed process as enclosed in Annexure I. Prior to submission of the Bid, the Transaction No. and date are also to be mentioned while submitting the bid/quotation.

**9. Earnest Money Deposit (EMD):**

EMD for this tender will be **2%** of the total cost of the PO. BAIF Institute for Sustainable Livelihoods and Development Nagpur will compare all the bids, and the Purchase Committee will award the contract to the Selected Vendor. Selected Vendor will be informed of the selection for supply of goods/services by E-mail. Selected Vendor has to transfer the EMD amount within **two working**

**days** and mention the Transaction No. and date by return E-mail. After confirmation of the EMD amount being deposited in the BAIF Institute for Sustainable Livelihoods and Development Bank Account (refer Annexure-I for Account Details), BAIF Institute for Sustainable Livelihoods and Development Nagpur will issue the Purchase Order/Work Order. In case of failure to pay EMD, the BAIF Institute for Sustainable Livelihoods and Development Purchase Committee will reserve the right to decide on further course of action. The same will be refunded (interest free) after obtaining the work completion report of the total scope of work or guarantee/warranty period, for at least one monsoon season period whichever is applicable. The earnest money shall be liable to be forfeited, if the successful bidder, after submitting the tender rescinds from or modifies the offer after acceptance of the tender.

After acceptance of Work Order/Purchase Order and payment of EMD, if work is not completed or material is not supplied within the validity period of the Work Order/Purchase Order, the Vendor will not be eligible for refund of EMD and will also not be eligible to participate in future tender process of BAIF Institute for Sustainable Livelihoods and Development for a period of one year.

**10. Submission of quotations:**

- **Sealed Envelope mentioning "Solar-Powered Street Light" on it.**
- **Last date of Submission is 10/06/2026 latest by 5 pm.**
- **Address: Purchase Department, BAIF-BAIF Institute for Sustainable Livelihoods and Development DS Office, Nagpur, c/o Smt. Lata M. Kamble, Plot No. 30, NIT Layout, Trisharan Nagar, Khamla, Nagpur 440025**

We look forward to receiving your quotations.

Yours sincerely



(Dr. Raviraj Jadhav)  
Vice President – Programmes  
Regional Director  
BAIF INSTITUTE FOR SUSTAINABLE LIVELIHOODS AND DEVELOPMENT



**Encl.: Format of Quotation**

(To be printed on Pre-numbered Quotation format or if same is not available then on Letterhead with unique number and date)

**FORMAT OF QUOTATION**

<b>Sr. No.</b>	<b>Description of goods</b>	<b>Specifications</b>	<b>Qty.</b>	<b>Unit</b>	<b>Quoted Unit Price</b>	<b>Total Amount</b>
		<b>Total</b>				
		<b>Taxes @ .....% (if any)</b>				
		<b>Grand Total</b>				

**Terms and Conditions:**

1. GST Number -
2. Type of GST- Composite / Regular
3. Transport -
4. Validity of Quotation -
5. Warranty / Guarantee -
6. Expiry date of the material (wherever applicable) –
7. Days required to fulfil the Order -
8. MSME Registration - Yes/No
9. Damaged material will not be accepted.

Signature with Stamp of Firm  
Name of Authorised Signatory

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## **Annexure-I**

### **For Deposit of Tender fees and EMD amount**

1. The **EMD amount and Tender fees** should be transferred to BAIF Institute for Sustainable Livelihoods and Development, Nagpur Account through the details mentioned below:  
**Account Holder Name: BAIF Institute for Sustainable Livelihoods and Development**  
**Account No.: 479002010623754**  
**IFSC Code: UBIN0547905**  
**Bank Name: Union Bank of India, Telecom Nagar Branch, Nagpur**
2. After transferring the EMD amount to the above mentioned BAIF Institute for Sustainable Livelihoods and Development, Nagpur bank account through **NEFT/RTGS/IMPS/Online/Mobile Banking/UPI**, the vendor/bidder shall obtain the bank-generated transaction reference number (UTR No.) or payment confirmation from their bank as proof of payment.
3. The vendor/bidder shall inform the Purchase Department, Nagpur, immediately after payment by E-mail, mentioning the **UTR/Transaction Reference No., amount transferred, date of transfer, and name of the bidder**.
4. The copy of the bank payment confirmation shall be submitted along with the quotation **in case of Tender Fee**.
5. The copy of the bank payment confirmation shall also be submitted prior to issuance of PO/WO **in case of EMD Payment**.