



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, India, Phone No. 0532-3500117 / 3500118

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

CIN: U73200PN2012NPL142984

Ref: BISLD/BOQ /Solar Street Light/ 2026-27/01

Date: 22/06/2026

Invitation for Tender Document



Tender Document for

Complete Installation of Solar Street Light-LED (500 Units) in Mau District, Uttar Pradesh

**BAIF Institute for Sustainable Livelihoods and Development
27 A LIC Road, Tagore Town, Prayagraj, Uttar Pradesh 211002
Mobile No. 9975117673/8005137645**

NOTICE INVITING TENDER

The duly sealed & signed Tender is invited in a sealed envelope till 28.06.2026 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. The DD of the earnest money must be submitted along with the tender document. 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. The tenderer will be deemed to have satisfied himself/herself by locality of the works.

Tender Details

Date of issue of tender	22-06-2026
Last date and time for submission of Tender Documents	28-06-2026
<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, should be submitted at BAIF Institute for Sustainable Livelihoods and Development, Prayagraj, Uttar Pradesh till 28th June 2026 by hand/Registered Post/Courier/E-mail procurement.up@baif.org.in with a password-protected PDF file as an attachment.

Name of work: For lighting and safety purposes – Installation of 500 solar street lights.

Complete work (Material + Labour + Transportation + Installation + 5 years AMC) of 500 Solar Street Lights at the given locations.

Scope of Work and Technical Specification-

The work of scope includes design, supply, installation, and commissioning of the solar street light system (LED-based), including 5 years comprehensive warranty in various villages/hamlets, institutions, individuals, etc., in six districts of UP as directed by BISLD as per the mentioned terms and conditions.

The scope of work also includes mandatory opening of a service centre in their name in the concerned district through which servicing and maintenance should be provided as stipulated quarterly in a year and within 72 hours.

General Technical Specification-

A Solar Street Light (LED-based) consists of a white LED luminary of maximum of 18 watts (LED + Driver) as per configuration, along with solar PV modules and Li-Fe-PO₄ battery of given capacity, necessary control electronics, interconnecting wires/cables, module mounting structures, etc., to operate the load for dusk to dawn.

The broad performance specifications of a White Light Emitting Diode (W-LED) light source-based solar street lighting system are given below.

Broad Performance Parameters-

- **PV Module:** Only indigenous modules shall be used in the project. SPV module of 36 cells 110 Wp, Voltage at Maximum Power (V_{mpp}) 18.0 V $\pm$ 0.3%. Module Voc should be a minimum of 22 V. Module efficiency should be > 14.8 %
- **Battery:** Lithium Ferro Phosphate (LiFePO₄/ LFP) 12.8 Volt, 45 Ah, at STC
- **Light Source:** White Light Emitting Diode (W-LED) 18 Watt (LED +Driver). Using LEDs that emit ultraviolet light will not be permitted.
- **Light Output:** White colour (colour temperature 5500-6500 K). The Lumen efficacy of LED- minimum 135 lumens/Watt, and the lumens output (luminous flux) of luminaries should be $\geq$ 2250 lumen. The illumination should be uniform without dark bands or abrupt variations, and soothing to the eye. Higher light output will be preferred.
- **Mounting of light, controller, and Battery pack:** Approx., 4.5 meters above the ground, mounted at a pole below the module mounting structure.
- **Average duty cycle:** Dusk to dawn

Make of Items must be as per the BIS/ MNRE Technical specification and equivalent make offered by the Bidders in the Bid. The Bidders may change the make of items with the permission of the competent authority of UPNEDA as and when required, on valid circumstantial conditions. The bidder shall provide a Test Certificate of the proposed make of items issued from MNRE authorised testing centre or an NABL-accredited test lab.

MINIMUM TECHNICAL REQUIREMENTS / STANDARDS

1. DUTY CYCLE

i. The LED solar street lighting system should be designed to operate from dusk to dawn

2. SPV MODULES:

i. Only indigenous modules of IEC Tested shall be used in the project.

Crystalline high-power/efficiency 36 cells should be used in the solar photovoltaic module. The power output of the module shall not be less than 110 Wp at 18.0 V + 0.3%. Module efficiency should be > 16 % at STC.

ii. The open circuit voltage of the PV modules under STC should be at least 22 Volts.

iii. PV module must be warranted for output wattage, which should not be less than 90% at the end of 10 years and 80% at the end of 25 years.

iv. The terminal box on the module shall be designed for long life outdoor operation in a harsh environment, and should have a provision for opening for replacing the cable, if required.

v. The offered module shall be in accordance with the requirements of MNRE standards and tested as per:

a) As per IEC 61215 / IS 14286 for Crystalline Silicon Terrestrial Photovoltaic (PV module - Design Qualification and Type Approval

b) As per IEC 61730 Part 1 - requirements for construction & Part 2 - requirements for testing, for safety qualification.

vi. Protective devices against surges at the PV module shall be provided. Low-voltage drop bypass diodes shall be provided, and if required, blocking diode(s) may also be provided.

vi. IDENTIFICATION AND TRACEABILITY

Each PV module must use an identification tag that must contain the following information:

(i) Name of the manufacturer with logo

(ii) Month and year of manufacture

(iii) Unique Serial No.

(iv) Model No of the module with voltage and rated wattage

(viii) Made in India

vii. The Modules and Cells should be manufactured in India and should comply with the prevailing MNRE Approved List of Models and Manufacturers of Solar Photovoltaic Modules, and subsequent amendments and classification issued shall be applicable for this bid.

Lithium-Ferro-Phosphate (Li-Fe-PO₄) Battery-

The battery pack shall conform to **IS/IEC 62133:2012** standards. The minimum individual cell capacity shall be **3.2 Volts, 5 Ah**.

The Lithium Iron Phosphate (Li-Fe-PO₄) battery shall be equipped with an advanced **Battery Management System (BMS)** to ensure proper charging and discharging of each cell. The BMS shall protect against over-temperature conditions, overcharging, over-discharging, and other operational abnormalities. The charging methodology shall be based on constant current and constant voltage principles, ensuring compliance with the upper voltage limits of the battery. The primary objective of the BMS shall be to enhance battery safety, prevent sudden failures, and maximise battery life.

Technical Requirements

a. The battery capacity shall not be less than **12.8 V (Nominal), 45 Ah at STC**, with a minimum energy storage capacity of **576 Watt-Hours**.

b. The battery shall have a minimum cycle life of **2000 cycles at 95% depth of discharge (DoD)**.

c. The Battery Management System (BMS) shall be an integral part of the battery pack. The battery pack enclosure shall conform to relevant standards and shall be integrated with the system in such

a manner that it is theft-proof and non-removable. The battery pack shall be installed in combination with the module structure/luminaire assembly at an approximate height of **4.5 meters above ground level**. The complete system shall be capable of withstanding wind velocities up to **150 km/hr**. The battery pack shall provide effective heat dissipation and shall be housed in an **IP66-rated**, acid-proof, corrosion-resistant, hot-dip galvanised metallic enclosure with an anti-theft locking arrangement.

d. The battery shall operate satisfactorily within an ambient temperature range of **0°C to 55°C**.

The other features of the battery should be-

Sr. No.	Description	Specifications
1	Battery Configuration	12.8V, 45AH; Li-fe-PO4
2	Working Temperature Range (both for charging & discharging)	0-60°C
3	Storage Temperature Range	@ 0-25°C - 6 months
4	Cycle Life (Full charge to full discharge @ 25°C before capacity of the battery falls below 75%)	More than 2000 Cycles
5	Battery Warranty	5 Years
6	Capacity of Individual Cells (Minimum)	3.2V cell of 5 AH
7	Type of Cell	Prismatic/Cylindrical
8	Nominal Capacity	12.8 Volt - 45AH
9	Nominal Voltage	12.8V
10	Operating Voltage Range	11.2V - 14.6V
11	Total Energy	576 WHr
12	Rated Charging Current	20 Amps
13	Maximum Charging Current	20 Amps
14	Maximum Discharging Current	10 Amps
15	Discharge Cut-off Voltage	>11.2V
16	Over Charge Cut-off Voltage	15.5V +/- 0.2V
17	Charging Time	Around 5 - 5.5 Hours

ELECTRONICS / CHARGE CONTROLLER

i. MPPT Charge controller to maximise energy drawn from the solar PV array. The MPPT Charger should be microcontroller-based. The charge controller should have:

Solar Charge Controller

Sr. No.	Description	Specification
1	Charge Controller Type	MPPT Type – Maximum Power Point Tracking
2	Charge Controller Rating @ Related Voltage	10 Amps
3	Module Rating	110 Wp@ 18.0 V + 0.3%,
		36 Cell Configuration
		Voc > 22 Volts
4	Load Current Max @ Rated Voltage	2 Amps
5	Idle Current Consumption (Self-Consumption)	< 20 mAmps
6	Minimum Efficiency	> 90%
7	Battery Voltage Setting	Charging 14.4V $\pm$ 0.2 Volts
		Battery Low Volt Disconnect > 10.5 Volts
		Load Reconnects 12.8V $\pm$ 0.2 Volts
		Low Battery Cut Off 11.2V $\pm$ 2%
8	LED Indication with LCD Display	GREEN LED for charging under process and RED LED for battery low
9	Protection	Over Charge / Deep Discharge
		Solar & Battery Reverse Protection
		Reverse Current from Battery at Night

Additional Requirements:

- Electronics should operate at **12.8V**, and the efficiency of the **DC-DC converter** should be at least **90%**.
- Full protection against **polarity reversal of PV array and battery, over-voltage, short circuit, deep discharge, input surge voltage, open circuit, accidental short circuit** and night time leakage of current from battery to Module. An in-built remote monitoring facility should be available in the MPPT Charge Controller, and it should record the following System Parameters at a fixed time interval for system health analysis (time interval should be changeable from 15 minutes to 4 hours and will be intimated at the time of award of work as per the requirement).

The details regarding Remote Monitoring Systems are given below:-

1. Battery Parameters:

a. Battery Voltage (BV). b. Battery Current (BI). c. Battery Power (BP)

2. Solar PV Parameters:

a. Solar PV Voltage (SV) b. Solar PV Current (SI) c. Solar PV Power (SP)

3. Load Parameters

a. Load Voltage (LV). b. Load Current (LI). c. Load Power (LP). d. Load ON/OFF condition

4. System shut down due to fault (event fault should be recorded) 5. Site coordinates (Latitude and Longitude)

The remote monitoring can be done using any available communication mode like GSM/GPRS/SMS. The cost for the same should be borne by the successful bidder.

LIGHT SOURCE:

- i. The light source will be of white LED type. The colour temperature of white LEDs used in the system should be in the range of 5500-degree K – 6500-degree K. Use of LEDs that emit ultraviolet light will not be permitted. The temperature of the heat sink should not increase more than 20 degrees centigrade above ambient temperature during the dusk-to-dawn operation.
- ii. The illumination should be uniform without dark bands or abrupt variations, and soothing to the eye. Higher light output will be preferred. The light output from the white LED light source should be almost constant.
- iii. The lamps, DC-DC driver should be housed in an aluminium die-casted casing suitable for outdoor use and shall comply with IP 66.
- iv. The temperature of the heat sink should not increase more than 30 degrees C above ambient temperature even after 48 hrs of continuous operation. This condition should be complied with for the dusk-to-dawn operation of the lamps.
This is a direct transcription preserving the original wording, numbering, and formatting as closely as possible. Let me know if you need it in a specific format (e.g., Word doc, cleaned version, etc.). while the battery is operating at any voltage between the load disconnect and charge regulation set point.
- ii. High power LED of minimum 1 (one) watt each capacity capable to withstand maximum 1 amp driving current, having an optical lens angle greater than 120 degrees shall be used.
- iii. LED Chip should be compliance to IES: LM-80.
- iv. The LED efficacy should be >135 lumens per watt, and the lumens output (luminous flux) of luminaries should be >2250 lumens.
- v. The lumen depreciation of LED shall not be more than 30% even after 50,000 burning hours.
- vi. Power consumption of the LED Luminaries / Lighting unit shall not be more than 18W (including LED and Driver power loss).
- xi. The luminaire should have a suitable UV-stabilised polycarbonate Diffuser.
- xii. Luminaries, reflectors and LED's should be engineered in such a way to give the specified lumens output distributed uniformly as per point xv.
- xiii. The Luminaire should be designed, manufactured and tested as per LM-79-08 or latest standard by the MNRE/NABAL accredited lab.

xiv. The PCB used in luminaries should replaceable card type.

xv. The efficiency of the streetlights is maximised using a sensor and an intelligent controller, which are programmed to regulate the light output depending on movement detection or time schedule.

Movement detection: The streetlight usually operates at 100% intensity and dims to 50% when no movement is detected. **Or Time schedule model:** The streetlight usually operates on 100% intensity for first 5 hours and for the rest of the time at 50% intensity. The above features are necessarily required. However, these are optional features that may be enabled on a site-to-site requirement.

xvi. Lux for single light level:

Minimum 35 Lux when measured at a point 4 meters below the light. The illumination should be uniform without dark bands or abrupt variations, and soothing to the eye. Higher light output will be preferred.

For Multiple Light levels:

The luminaire should have two levels of light to take care of different lighting needs during the night. Minimum 35 Lux when measured at a point 4 meters below the light (at "High" illumination level). The illumination should be uniform without dark bands or abrupt variations. Minimum 18 Lux at lower illumination level (Higher light output will be preferred).

The luminaire should be tested for all type tests as per IS 10322 Part 5 Sect 3 or IEC 60598-2-3 standards, following performance parameters like:

1. Total luminous flux: >2430 lm
2. Luminous Efficacy (efficacy (i.e. system efficacy) > 135lm/w
3. Colour Temperature: Between 5500K to 6500K
4. CRI ≥ 70
5. Luminous intensity distribution should follow batwing patterns in polar curves.

xvi. Other Parameters:

6. Total luminous flux: >2250 lm
 7. Luminous Efficacy (efficacy (i.e. system efficacy) > 125lm/w
 8. Colour Temperature: Between 5500K to 6500K
 9. CRI ≥ 70
 10. Luminous intensity distribution should follow batwing patterns in polar curves.
- LED DC current regulation – better than 3 %
 - Input V – 12.8 V DC
 - Driver Type- DC-DC (as per IEC 62384)
 - Lighting quality- Free from glare, flickering and UV
 - Ambient temp 0 to 55 deg
 - Total electronics efficiency ≥ 90 %

xvii. The connecting wires used inside the luminaries shall be low-smoke, fire retardant e-beam cable.

xviii. Auto-resettable reverse polarity protection shall be provided.

xix. The make, model number, country of origin and technical characteristics of white LEDs used in the lighting system must be furnished.

xx. Electronics

- Electronics should operate at 12.8V and the efficiency of DC-DC converter should be > 90%.
- Fuses should be provided to protect against short circuit conditions.
- A blocking diode should be provided as part of the electronics to prevent reverse flow of current through the PV module, in case such a diode is not provided with the PV module.
- Full protection against open circuit, accidental short circuit and reverse polarity should be provided.
- Charge controller shall have an automatic dusk-dawn circuit based on the SPV module as a sensor for switching on/off the street light

without manual intervention.

- The self-consumption of the charge controller shall not be more than 20 mA at rated voltage and rated current.
- Adequate protection shall also be incorporated under no-load conditions (i.e.

When the system is ON & the load (LED Lamp is removed)

- The system should be provided with 2 LED indicators: a green light to indicate charging in progress and a red LED to indicate deep discharge condition of the battery. The green LED should glow only when the battery is actually being charged.
- All capacitors shall be rated for max. Temp of 105° C.
- Resistances shall preferably be made of metal film of adequate rating.
- Devices shall have adequate thermal margin at amb. temp. of 55° C
- Fibre glass epoxy of grade FR 4 or superior shall be used for PCB boards.

Technical Requirement/Standards

4. MECHANICAL HARDWARE

(i) A metallic frame structure (hot dip galvanised with 35355 mm angle) to be fixed on the pole to hold the SPV module(s). The frame structure should be fixed at 30 degree from horizontal, facing true south.

(ii) The pole should be a hot-dip galvanised pipe as per IS 1161 & IS 4736, i.e. Class B, with 76 mm outer diameter and a minimum 3 mm thickness of 6-meter length. The pole should have the provision to hold the weatherproof lamp housing individually as per the case. The SPV panel shall be mounted on a pole. The mounting structure shall be fixed in the centre of GI tubular pole made flat at the fixing end. A square-angle adjusting plate of 115 mm size 5 mm thick shall be provided. So that SPV panel can be fixed at an inclination of 30 degree from horizontal.

(a) The metallic arm for holding the light assembly should be set at a suitable angle to maximise uniform illumination of the desired level over the specified area (4-meter-wide road). The arm length of the luminary holder from the pole should be 0.6 meters for its easy approachability for repairing and replacement.

(b) Two 10 mm steel bars of 300 mm length should be inserted at an interval of 25 mm from the bottom of the pole

iii) ELECTRIC CABLE

The electric cable used shall be twin-core PVC-insulated water and UV-resistant copper cable of a minimum size 1.5 mm. Cable shall meet IS 1554 / 694 Part 1:1988 & shall be of 650 V/ 1.1 kV

5. OTHER FEATURES

A toll-free number (i.e. 1800 180 0005) of IVRS of UPNEDA and 14 digit UID number of minimum thickness 5mm and height of letter should be at least 25mm (issued/provided by UPNEDA) is to be embossed / punch/ nut-bolted strip on pole between 1-1.5 meter above from ground level by contractor/ bidder, which in case of non-working/ operational problems etc of system will be dialled by the beneficiary

etc to lodge a complaint in respect of system problems. The suitable sign board of 500 mm x 300 mm size powder-coated MS Sheet assigned by UPNEDA should be installed on a pole under different schemes as per the requirement. The IVRS will divert the complaint to the contractor/

bidder through e-mail, SMS, etc. The contractor/ bidder will have to rectify the same to make/ restore the system to working position within 72 hours in the warranty period of 5 years, failing which the system may be rectified at the contractor/bidder's cost and the cost will be recovered by the contractor/ bidders pending claims whatsoever, and appropriate action as per noncompliance etc of the agreement will be considered/taken.

6. INSTALLATION OF SYSTEM:

The system should be properly installed at the site. The SPV module mounting structure, along with pole, should be properly grouted depending upon the location and requirements of the site. The grouting should be such that it can withstand the maximum wind speed /storm. The pole should be grouted with a CC mixture of 1:2:4 of dia 300 mm, having a depth of 1000 mm and 200 mm above ground level with a 200 mm dia. The successful Bidder provides the foundation drawing. Adequate space should be provided behind the PV module/array to allow unobstructed air flow for passive cooling. Cables of appropriate size should be used to keep electrical losses to a bare minimum. All wiring should be in a proper conduit or capping case. The wire should not be hanging loose. Any minor items that are not specifically included in the scope of supply but required for proper installation and efficient operation of the SPV systems is to be provided by the manufacturer as per standards.

7. AUTHORIZED TESTING LABORATORIES/ CENTERS

Test certificates of a complete solar street lighting system as per specifications laid down in this tender should be from an MNRE/NABL Accredited test Lab should be submitted. The test lab must have facilities for SPV module performance, Lithium Battery capacity, electronics and lumens testing.

8. WARRANTY

The mechanical structures, electrical works, including charge controllers/ maximum power point tracker units/DC circuit drivers/Luminaire, storage batteries, etc. and overall workmanship of the SPV lighting systems must be warranted against any manufacturing/ design/ installation defects for a minimum period of 5 years. The SPV module should be warranted for 25 years.

9. TRACEABILITY OF THE PRODUCT TO BE SUPPLIED

In order to prevent the misuse of the product such as unauthorized sale or diversion to the open market, the following incorporation shall be made in the

Annexure 1: Solar Street Light System – 500 Units

S N	Particulars	Materials	Specifications	Unit	Total unit (watt/No./mtr)
	Solar Street Light System	Light Source: White Light Emitting Diode (W-LED) 18 Watt (LED +Driver). Using LEDs that emit ultraviolet light will not be permitted.	White Light Emitting Diode (W-LED) 18 Watt (LED +Driver). Using LEDs that emit ultraviolet light will not be permitted.	No.	500
		Battery: Lithium Ferro Phosphate (LiFePO4/ LFP) 12.8 Volt, 45 Ah, at STC (The battery capacity shall not be less than 12.8 V (Nominal), 45 Ah at STC , with a minimum energy storage capacity of 576 Watt-Hours and the battery warranty should be 5 years .)	Lithium Ferro Phosphate (LiFePO4/ LFP) 12.8 Volt, 45 Ah, at STC (The battery capacity shall not be less than 12.8 V (Nominal), 45 Ah at STC , with a minimum energy storage capacity of 576	No.	500
		PV Module: Only indigenous modules shall be used in the project. SPV module of 36 cells 110 Wp, Voltage at Maximum Power (Vmpp) 18.0 V±0.3%. Module Voc should be a minimum of 22 V. Module efficiency should be > 14.8 %	SPV module of 36 cells 110 Wp, Voltage at Maximum Power (Vmpp) 18.0 V±0.3%. Module Voc should be a minimum of 22 V. Module efficiency should be > 14.8 %	No.	500
		The pole should be a hot-dip galvanised pipe as per IS 1161 & IS 4736, i.e. Class B, with 76 mm outer diameter and a minimum 3 mm thickness of 6-meter length. The pole should have the provision to hold the weatherproof lamp housing individually as per the case. The SPV panel shall be mounted on a pole. The mounting structure shall be fixed in the centre of GI tubular pole made flat at the fixing end. A square-angle adjusting plate of 115 mm size 5 mm thick shall be provided. So that SPV panel can be fixed at an inclination of 30 degree from	hot-dip galvanised pipe as per IS 1161 & IS 4736, i.e. Class B, with 76 mm outer diameter and a minimum 3 mm thickness of 6-meter length.	No.	500

		horizontal			
		Mounting of light, controller, and Battery pack: Approx., 4.5 meters above the ground, mounted at a pole below the module mounting structure. The grouting should be such that it can withstand the maximum wind speed /storm. The pole should be grouted with a CC mixture of 1:2:4 of dia 300 mm, having a depth of 1000 mm and 200 mm above ground level with a 200 mm dia. The successful Bidder provides the foundation drawing. Adequate space should be provided behind the PV module/array to allow unobstructed air flow for passive cooling. Cables of appropriate size should be used to keep electrical losses to a bare minimum.	The pole should be grouted with a CC mixture of 1:2:4 of dia 300 mm, having a depth of 1000 mm and 200 mm above ground level with a 200 mm dia.	No	500
		Other (A toll-free number (i.e. 1800 180 0005) of IVRS of UPNEDA and a 14-digit UID number of minimum thickness 5mm, and the height of the letter should be at least 25mm (issued/provided by UPNEDA) is to be embossed/punched/ nut-bolted on an iron strip on a pole between 1-1.5 meters above ground level by contractor/ bidder, etc)		No	500

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 DEVELOPMENT, U.P.**” payable at 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 the bill amount (including earnest money) shall be retained as Security money for 26 months against the maintenance of the system.
5. The retained amount shall be refunded without any bank interest after 26 months.
6. **Defect liability period / Maintenance period:** The maintenance period will be 60 months for each unit from the date of satisfactory completion and verification of work. In case defects are found after completion of work, the vendor shall immediately repair them. The vendor shall not claim any amount for repair work.
7. The “Warranty” of the entire structure must be for 5 years 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 cases of natural calamities and law and order situations. 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, Transportation, 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. All payments will be made only after satisfactory completion/verification of the work.
12. 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.
13. 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.
14. Quantity Variation for civil work: The quantities mentioned in the tender are indicative. During field execution, quantities may increase or decrease as per actual site requirements. The contractor must execute the work as per the instructions of the field engineer, and payments will be made proportionately based on actual executed/verified quantities.
15. The final payment shall be made after satisfactory completion/physical verification of work on the production of a tax invoice with a warranty card/service card.
16. All items supplied must strictly conform to the specified technical specifications and will be inspected and verified by the field engineer before acceptance.

For the BAIF Institute for Sustainable Livelihoods and Development

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 Street Light System 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 from tendering with BISLD-UP. If such a violation comes to the notice of BISLD-UP before the date of the 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 give the rates):**

S N	Particulars	Unit	Rate with GST (Rs per set / No.)	Total amount (Rs.)
1	Complete Installation of the Solar Street Light System as per the above-mentioned details.	500		

Amount in words:

Rs.
.....

Any additional information

Date:

Signature with Stamp: