

## PRERNA OJAS

00, RTC Bhawan (Rural Technology Center), Near RIRD Training Institute, Indora Bagh, BKT, Lucknow,  
Uttar Pradesh- 226202

Tender No.: 05/Study Lamp/AJIVIKA/POPL/2024-25

Dated: /09/2024

### NOTICE FOR TENDER

Prerna ojas, Lucknow invites sealed tenders from interested firms for supply of raw material solar study lamp (as per attached) and other related accessories. Interested firms/company are requested to submit their tenders by 07/10/2024 till 03:00 p.m. All other details related to the tender can be downloaded from website [www.prernaojis.com](http://www.prernaojis.com)

Chief Executive Officer

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### Information regarding tender for supply of solar study lamp components

Last date and time of tender submission	:	07/10/2024 by 03:00 P.M.
Date and time of opening of tender	:	07/10/2024 by 03:30 P.M.
Availability of Information	:	<a href="http://www.prernaojas.com">www.prernaojas.com</a>
Tender Money	:	Rs. 100
Tender Value	:	Rs. 794500
Security Deposit	:	Rs. 50000/- (Fifty thousand Only)

All bidders have to provide the items at the minimum rates as quoted in the bid. If the firm whose rates are lowest is unable to supply the required items, then other bidders will have to provide the items but at that same minimum cost.

Chief Executive Officer

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Uttar Pradesh- 226202

S. No.	Particulars	To be filled by the bidder
1	Name of the Firm	
2	Address of the Firm, with Phone number and e-mail id	
3	Name of the Contact Person	
4	PAN (Enclose copy of PAN Card and Income Tax Return for FY 2022-23 or 2023-24)	
5	GST Tax (Enclose copy of Registration Certificate and return for FY 2021-22 & 2022-23)	
6	Turnover of past three years FY 2021-22 FY 2022-23 FY 2023-24 (Enclose Audited Balance Sheet of the years as mentioned above)	
7	List of government/Private departments where firm is supplying similar items (Enclose list and copy of the work order)	
8	Has bidder submitted affidavit that he is not black-listed?	Yes/ No
9	Has the bidder deposited tender money?	Yes/ No
10	Has the bidder deposited the security money?	Yes/ No

Signature and Seal

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Component of 2.5w solar study lamp (for the purpose of ssembly)

## Technical Specifications for solar study lamp

### Technical Specification:

### Broad (PCB) Technical Specifications:

Battery Capacity	2100 mAh
Battery Backup	10 hr
Battery Voltage	Lithium-Ferro Phosphate of 3.2V, 2000mAh
Dimensions	9x25x12 cm
PV Module	Polycrystalline Solar Panel: 2.5 W
Light Source	1 Watt W-LED Luminaire, dispersed beam, soothing to the eye with the use of proper optics and diffuser
Light Output	Study lamp should deliver a minimum of 150 Lux at over an area of 1.5 feet diameter from a height of 1.0 feet. Minimum 150 Lux when measured at the periphery of 45 centimetres diameter from a height of 30 centimetres

### Technical Specification (SOLAR PANEL):

Specification of PV Module	
Cell Type	Polycrystalline Silicon solar cell
	Made in India
Lamination	Toughened glass cover and EVA sheets
Module Frame	Ultra-High Impact Polystyrene (Jet black color)
No. of solar Cells in the Panel	10 cells or 9 cells
Max. power rating	$V_{mp} \times I_{mp} \geq 2.5W_p$
Voltage at maximum power point	$\geq 5V$
Connecting cable type	PVC Dual Sheeted, 2 Core, 0.25 Sqmm (each conductor) copper cable
Connecting cable length	3.5 meters
Electrical Data * (Nominal)	Under STC
Warranty	2 years from the date of delivery
Specification of Battery	
Battery Chemistry type	Rechargeable LFP (LiFePO4) battery
Nominal Operating Voltage	3.2V (minimum 2000mAh) measured at Standard condition
Temperature	10°C to 50°C
Battery Number of charge-discharge cycles	2100mAh
DoD	Up to 85-90%
Warranty	2 years from the date of delivery
Specification of Circuit and LED	

Reverse current protection	Provided
Short Circuit protection	Provided
Battery upper voltage cut-off	3.6 ± 0.1V
Battery Lower voltage cut-off	3 ± 0.1V
LED driver type	Constant current
Driving current	Mode 1 – 40A
Standby/ Leakage current	<1 mA
Indications	RED : ON @ Low voltage = 3V Green: Blinking while charging and ON @ fully Charged = 3.6V
Circuit Efficiency	80 to 85%
Warranty	2 years from the date of delivery
<b>LED</b>	
Technology	White Light Emitting Diode (W-LED)
Operating Voltage	6.3V
Power Consumption	≤1.5 Watt (Max)
Illumination	Mode 1: Minimum 50 Lux when measured at the periphery of the 45 Cm diameter from a height of 30 cm
Luminous performance of LED (Efficacy)	Minimum 150 Lumen per Watt
Operating Temperature	30°C to 85°C
Color rendering and appearance	CCT: 5700K to 6500K
Warranty	2 years from the date of delivery
<b>Specification of Lamp body and screw</b>	
Housing Material	<ol style="list-style-type: none"> <li>1. Solar Study Lamp Body: Material: ABS (Matte Finish) Color: Yellow- CM 606</li> <li>2. Transparent LED Cover: <ol style="list-style-type: none"> <li>a. Material: Ploy Carbonate with matte finish of</li> <li>b. 20 mm Dia circle to be provided on the transparent cover, central axis of this circle should pass through the center of the LED. Color: Transparent Water Color</li> </ol> </li> <li>3. Plastic Plate to cover LED (Reflector): Material: ABS (Glass Finish) <ol style="list-style-type: none"> <li>a. Color: IFB White/Parker White</li> </ol> </li> <li>4. Switch Cap: <ol style="list-style-type: none"> <li>a. Mounted permanently on the plastic body and provided a special arrangement for preventing dust from entering from the switch or through any</li> <li>b. other parts into the body of the Lamp (IP21)</li> </ol> </li> </ol>
Lamp Look	As per the design provided in the tender
Operating Manual	Provided (1 per lamp (5-6) folded A4 size color printed 100 GSM paper.
Warranty Card	Provided
Screw Size	As per design
<b>Specification of Packaging</b>	
Maximum size of Lamp packaging box	Lamp Box – (140mm X 120mm X 110mm) Panel Box – (150mm X 215mm)
Packaging Material	3-ply cardboard box

Printing on package	High quality color printing (4 colors) on Package. One logo of UPSRLM. (Size: L (25 mm) x b(20 mm) & one OJAS logo (Size: L(25 mm)x b(20 mm) and “MADE IN INDIA” text to be printed on both boxes. The artwork by OJAS .
Polythene Cover	1 per Lamp
Warranty Card	1 per lamp.
Operating Manual	1 per lamp
Mother Box (Delivery Boxes) Packaging material	Quality color printing (3 colors) on the package. Box is horizontal The Box accommodates 40 Kits in the following manner: Box A: Solar Panel Box B: Solar Lamp

FEATURES:

- Long Lasting.
- Two Stage Adjustable Brightness.
- Dual Charging Option: Solar & Grid Charging with Charging Indicator.
- Dual charging option - Solar & Grid Charging with charging indicator.
- Long-lasting, 1W LED light.
- Three-stage adjustable brightness LFP 3.2V / 2100mAh.
- battery - up to 10 hrs back-up In-built 2.5W polycrystalline.
- solar panel Dual charging option - Solar & Grid Charging.
- Charging indicator LED - glows green while charging & battery low- red.
- Strong & durable body Portable.
- Lightweight & easy to use.

Chief Executive Officer

**PRERNA OJAS PRIVATE LIMITED**  
**00, RTC BHAWAN, (RURAL TECHNOLOGY CENTRE) INDORA BAGH**  
**LUCKNOW UTTAR PRADESH - 226202**

**INVITATION OF TENDER**

Terms and Conditions for purchase of Components of Solar Study Lamp (distributed under IIT Bombay Project) Raw Material

Tender No.: 05/Study Lamp/AJIVIKA/POPL/2024-25

Dated: /09/2024

**1. Bid Price**

- (a) The contract shall be for the full quantity as mentioned above. Corrections, if any, shall be made by crossing out, initialling, dating and re writing.
- (b) All duties, taxes and other levies payable on the raw materials and components shall be included in the total quoted price.
- (c) Goods and Services Tax (GST) in connection with the sale shall be shown separately.
- (d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- (e) Packing, Forwarding, Freight, Insurance, and other incidental charges shall be shown separately.
- (f) The Prices shall be quoted in Indian Rupees only.
- (g) No price negotiation will be done with any bidder. The purchase order will be issued to the lowest responsive bidder.

2. Each bidder shall submit only one quotation. Bidder shall not contact other Bidders in matters relating to this Quotation. Bidder has to provide quotations only for a single model, offers with multiple models/options would not be considered. The bidder is required to attach a copy of authorization letter of dealership/ distributorship for the quoted make in case bidder is not the Original Equipment manufacturer (OEM).

**3. Validity of Quotation**

Quotation shall remain valid for a period not less than 60-90 days after the deadline date specified for submission.

**4. Evaluation of bid**

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

- (a) are properly signed ; and
- (b) Conform to the terms and conditions, and specifications.

**GST, Packing, Forwarding, Freight & Insurance charges in connection with sale of goods shall be taken into account in evaluation.**

## **5. Award of contract**

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

6. Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

7. The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the supply order.

8. After successful award of contract for supply of goods 30% Payment shall be made as advance and rest amount within 30 days after delivery and acceptance of the goods

9. Warranty as per specification shall be applicable to the supplied goods. Warranty period will start from the date of installation.

**10. Inspections and Tests:** Stage-wise inspection and pre dispatch inspection (to check compliance to technical specifications defined in RFQ) may be carried out by the Purchaser or an agency appointed and paid by Purchaser for this purpose. Goods will be accepted only after thorough inspection at Delivery Location.

**11. Delays in the Supplier's Performance:** Delivery of the Goods and performance of related Services shall be made by the Supplier in accordance with the time schedule prescribed by the Purchaser in the Purchase Orders. If at any time during performance of the Purchase Order, the Supplier should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Purchaser in writing of the fact of the delay, its likely duration, and its cause(s). As soon as practicable after receipt of the Supplier 's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier 's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of the Purchase Order.

**12. Liquidated Damages for Delay:** Subject to Clause 11, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Purchase Order, the Purchaser shall deduct from the Purchase Order Price, as liquidated damages, a sum equivalent to 0.5% of price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the 10% of the Purchase Order price. Once the maximum is reached, the Purchaser may consider termination of the Agreement or the Purchase Order.

**13. Taxes and Duties:** The Supplier shall be entirely responsible for all taxes, duties, etc. incurred until delivery of the contracted Goods to the Purchaser. However, the local taxes such as Octroi/entry



tax etc. at the time of supply, if any, will be paid by the supplier & the same shall be reimbursed by the MPC against the submission of original documents as evidence of payment.

14. Purchaser will carry out commercial evaluation item basis. Lowest quote per item will be considered. However, Purchaser may evaluate the entire bid considering the supply as Single lot.

15. The minimum average turnover of the agency should be at least 50 Lac in past three years, i.e. FY 2021-22, 2022-23 FY 2023-24.

16. Attach copy of balance sheet/ audited balance sheet, and timely filed GST return for past 3 years, i.e. 2021-22, 2022-23 FY 2023-24.

17. Bidders will have to submit a non-refundable amount of Rs. 100/- ( Hundred Only) towards price of the tender form, by means of Demand Draft/ Pay Order in the name of **PRERNA OJAS PRIVATE LIMITED payable at Lucknow**

18. Bidders will have to submit an earnest money deposit of Rs. 50000/- ( Fifty thousand Only) by means of Demand Draft/ Pay Order in the name of PRERNA OJAS PRIVATE LIMITED payable at Lucknow or FDR pledged in favour of PRERNA OJAS PRIVATE LIMITED, valid for 1 year or more.

19.No interest will be paid on the deposit amount of Rs. Earnest money.

20.Earnest Money of the selected candidate will be withheld as security deposit for the period of contract whereas earnest money by other bidders will be returned after completion of the entire procurement process. Earnest Money of the selected candidate will be returned within 3 months after the expiry of the contract on demand.

21.The firm has to submit an undertaking on Rs. 100/- non-judicial stamp paper that the firm is not black-listed.

22. The firm must be registered with Income Tax Department. (Attach copy of the PAN Card)

23. Firm should have been in existence for last 3 to 5 years or more.

24. Firm/Company should have at least 3 year's experience of supply of solar study lamp material.

25. Selected firm will have to make available at the discounted rates as mentioned in the financial bids.

26. Conditional bids will not be accepted.

27. Overwriting/ cutting on rate is not allowed.

28. The bidders will have to provide their bids/ proposals within the date and time as prescribed by the prerna ojas office or on email "**acc.prernaojis@gmail.com**". No bids will be accepted after the prescribed date and time for submission of bids.

29. In case of any dispute the jurisdictional assessment will be at Lucknow.

30. Firm will have to fulfil the order within 15 days from issue of work order regarding requirement of PRERNA OJAS, otherwise a penalty of Rs. 1,000/- per day shall have to be paid by the firm /company to PRERNA OJAS.

31. In the absence of satisfactory supply, the contract will be cancelled at any time without giving reasons.

32. Any supplier, who upon selection defaults in providing the desired item as per quantities required will be blacklisted by the department for any future tender processes.

33. In case of any dispute, decision of Managing Director of prerna ojas will be final and binding.

34. Managing Director has the right to cancel any or all the bids received without giving any reason.

36. Please send your offer latest by 15.00 hours on 7<sup>th</sup> Oct. 2024 via email on "acc.prernaogas@gmail.com" or to The Chief Executive Officer, Prerna Ojas Pvt. Ltd. , RTC Bhawan (Rural Technology Centre), Near RIRD Training Institute, indora Bagh, Bakshi Ka Talab, Lucknow Uttar Pradesh 226202, India in a sealed envelope inscribing "Offer for supply of raw material of Solar Study Lamp ". The Bid would be publicly opened at 15:10 hours on 7<sup>th</sup> Oct. 2024 at Reg. office of Prerna Ojas Pvt. Ltd. , RTC Bhawan (Rural Technology Centre), Near RIRD Training Institute, indora Bagh, Bakshi Ka Talab, Lucknow Uttar Pradesh 226202,

37. We look forward to receiving your bid and thank you for your interest in this project.

Chief Executive Officer

Price Schedule

1	2	3	4	5					6	7	8	9
				Unit prices								
				(a) EXW (Ex factory Ex warehouse Ex showroom Off the shelf) price	(b) Inland transp., insurance, & other local costs incidental to delivery	(c) After sales services	(d) Trainin g/Insta lation	(e) Taxes/ Duties				
Quantiti y  (IN PIECES)	Tentati ve Rate per piece  (Rs)											
1	सोलर पैनल	3625	110.00									
3	बैटरी	2742	63.00									
4	गूसनेक	3208	7.50									
5	प्लास्टिक बाँडी	3693	25.00									
6	लोडवायर	3480	5.50									
7	एलईडी	4525	3.50									
8	पैकिंग बॉक्स	4627	7.00									
9	डस्ट प्रूफ कैप	4627	.50									
10	स्कू	4627	.15									
11	वारंटी सील	4627	.75									

Net Total Cost: Rs. \_\_\_\_\_

We agree to supply as above required quantities of solar study lamp's components for assembly purpose as above items in accordance with the technical specifications for a total contract price of Rs..... (Amount in figures)

(Rs..... amount in words) within the period specified in the Invitation for bid. We also confirm that the normal commercial warrantee/guarantee of..... months shall apply to the offered goods. We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf has engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for or in performing the Contract.

**Seal & Signature of Supplier**