



**NATIONAL FERTILIZERS LIMITED**

**(A Govt. of India Undertaking)**

**Naya Nangal(Punjab)-140126 India**

**Materials Department**

**Phone-+91-9464966819; Fax- 01887-220541**

**Email: ranjits@nfl.co.in,tilak@nfl.co.in**

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**Specification Sheet SE/2023/80**

Sr. No.	Material Code	Description of Material	UoM	Qty.
1	1922632	<b>Supply of Solar based MNRE approved street lights 12Watts as per Annexure-II</b>	NO	200

- Note: - (1). Party to furnish a valid TENDER SPECIFIC authorization for this Tender from their Principal (in case offer is submitted by a dealer).
- (2). You shall **Submit Annexure-II** duly filled & signed and submit required documents as per Eligibility Criteria with your offer
- (3). Basis of evaluation will be over all L-1 basis for all supply , **erection, testing and commissioning.**
- 4). Maximum Time of Installation & Commissioning shall be one month from the date of Handing Over of Site.

S.No	Technical Specifications of Solar LED Light-
1	Supply, erection, testing, installation and commissioning of the solar based MNRE approved solar street lights complete in all respect including lighting poles.
	<b>Specifications-</b>
2	LED based IP-65 street light fixture having approx. Minimum 1800 Lumens consisting of super bright white color LED with a view angle of 120 Degrees with warranty of 5 years from date of supply.
3	Light fitting mounted on B Grade GI Pole height 6 Mtr and 3 Inch Dia.
4	Rechargeable Tubular GEL / VRLA ,
5	MNRE Approved PV Module of capacity not less than 100 Wp under STC and facility to On and OFF the light for automatic Dusk to Dawn operation along with the supply.
6	Electronics should have temperature compensation for proper charging of battery through the year.
7	Having all necessary protection like battery overcharge and deep discharge, battery reverse polarity, short circuit, over load, reverse current flow etc.
8	Material and manpower required for civil work shall be arranged by the party.
9	NFL will provide location for installation of lights.
10	Party shall arrange for proper display of matter viz Logo, name of NFL, any other text appropriate as on the box as well as on pole in consultation with the concerned official. This will be done with the help of skilled painter/sticker etc.
11	Any other accessories / machinery / earthing / manpower / work not explicitly mentioned here but required for the completion of the work and proper functioning of the street lighting system will be arranged by the party.
12	Lights are to be installed in villages of Punjab and Himachal Pradesh.
	<b>Specifications-</b>
13	LED Light-12 Watts
14	LED efficiency-1400 to 1800 Lumens.
15	LED View Angle-120 Degrees
16	LED Type-Bright White Color
17	LED Life Expectancy-50,000 hrs
18	Solar Photo Voltage Module-100 Pmax(Wp) approved by MNRE
19	Battery/Voltage rating- 12V- 75AH
20	Battery-OKAYA/MICROTEC/MICROMAX/EXIDE/AMRON make only, 75 AH C10 with 5 years Warranty.
21	Battery Box-GI
22	Pole- 6Meter, 3Inch Dia, GI Class B Standard ISI Grade B

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Technical Eligibility Criteria		
Sr. no.	Eligibility Criteria	Supporting Documents required.
1.	<p>The bidder should have supplied similar item during the last seven years ending last day of previous month in which NIT has been issued.</p> <p><b>Similar Item means:</b> Supply, installation &amp; commissioning of Solar Street Lights including lighting poles.</p>	<p>The bidder shall submit self-attested copies of Purchase Orders (PO) / Contracts for at least one of the following:</p> <p>a) Three completed PO / contracts for supply of similar item each having value not less than <b>Rs. 14.00 Lacs (inclusive of GST).</b></p> <p><b>OR</b></p> <p>b) Two completed PO / Contracts for supply of similar item each having value not less than <b>Rs17.50 Lacs (inclusive of GST).</b></p> <p><b>OR</b></p> <p>c) One completed PO / contract for supply of similar item having value not less than <b>Rs. 28.00 Lacs (inclusive of GST).</b></p>
2.	Bidder shall submit completion certificate of the submitted Purchase Orders / contracts.	Self-certified Completion certificate against the PO / Contracts submitted by the bidder as per point no. 1 above
<b>B Commercial Eligibility Criteria</b>		
1.	The average annual financial turnover of the bidder during the last three financial years i.e. 2020-21,2021-22 and 2022-23 or calendar year 2020,2021 and 2022 should be not less than Rs.10.50 Lakhs.	<p>Bidder shall submit self-attested copies of Audited Profit &amp; Loss Account and Balance Sheet for the last three financial years i.e 2020-21, 2021-22 and 2022-23 or calendar year 2020, 2021 and 2022.</p> <p>In case, audited balance sheet / profit &amp; loss account statement not available, turnover certificate duly certified by Chartered Accountant with UDIN as documentary evidence in support thereof.</p>

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