

Notice Inviting Limited Quotation

Ref No. INKEL/Solar/NLQ/2020-21/AK01

Date: 19-09-2020

INKEL Ltd. Invites competitive quotes from Experienced Contractor for rectification works of 78W Solar street lights at Adoor-Kazhakoottam KSTP Road.

Name of Work	Rectification works (including supply of defective parts) of faulty 78W Solar Street Lights installed at Adoor - Kazhakoottam KSTP Road
Date of publishing bid documents	19.09.2020
Last Date & Time of Submission of Quotation document	26.09.2020
Opening of Quotation Cover	28.09.2020
Nature of Contract	Rectification of defective Solar Street Lights including supply of spare parts (charge controller, luminaire, Battery etc) & labour
Time of Completion of Project	30 Days
Certification of Work Completion	Rectified solar street light will keep under observation for minimum 30 days

Eligibility Criteria

The bidder must fulfil the following eligibility criteria.

- a) The bidder must be a firm/contractor registered under GST.
- b) The bidder shall done the similar type of work experience

** Tentative Bill of Materials is attached as Appendix 1, Bidder Should visit sites and submit schedule along with quote as per site conditions.

All the Quotation documents are to be submitted as given in **Annexure -1** by Speed post/courier only and in the designated covers on the below address by mentioning name of work.

Assistant General Manager – Solar
INKEL Limited, Door No. 7/473ZA – 5 & 6,
2nd Floor, Ajiyal Complex, Kakkanad, Cochin, Pin: 682030

Scope of Work

Rectification of defective solar street light which is installed at Adoor to Kazhakootam, MC Road. The bidder must visit the site before quoting the quotation. All the lights which is not functioning must rectify and the light must work for minimum two months from the date of rectification. Necessary quality spare parts must be used for replacing the defective solar street Light. The bidder must check the battery water level, Specific gravity of battery if any. If the battery found deep discharged, the battery must be boost charged and reconnect. If Charge controllers found defective should be replaced with good quality and the replaced controller must have minimum 3 years product warranty. Also, light luminary found defective must replace or serviced and re-installed back. All the replaced components must be return to INKEL once the work completed. All the replaced components must have minimum 3 years product warranty.

Bidder should quote the rate separate for supply of materials and installations.

INKEL Scope

- a. INKEL will provide the list of faulty solar street Lights Pole No. and locations.
- b. Shade of branches of trees will be chopped by the necessary co-ordination with KSTP & EKK.

Contractor Scope

- a. Visit the site before bidding
- b. After awarding the work, contractor have to prepare the Root Cause Analysis report of each faulty Solar street light
- c. Supply of new solar street light component such as MPPT charge controller/ LED Drive with dimming option and that shall compatible with existing battery and Solar Module of 78W SSL.
- d. Labour for rectification work.
- e. Vegetation clearance around solar street lights.
- f. Contractor shall submit Trouble shooting Report/Root Cause Analysis report of faulty solar street lights verified by INKEL Engineer.

Terms & Conditions

- a. Rectified Solar Street Light should work from 6PM to 6AM and shall keep under observation for minimum 60 days.
- b. Contractor shall strictly follow the safety rules instructed by INKEL.

Validity of quotations.

The quotation shall be valid for 30 days reckoned from the date of opening of quotation. No correspondence would be made with the bidders once the quotation is submitted. The Bidder shall visit the site before submitting the quotation and later queries will not allowed. The decision taken in the INKEL Committee will be final. INKEL Ltd reserves the right to modify/cancel any or all quotations without assigning any reasons.

Site Details: - Adoor-Kazhakoottam KSTP Road

Component Details Of 78w Solar Street Light

Sl No.	Description(ITEM)	Crompton	Philips	Wipro
1	Solar Panel (320 ± 20W)	Make:- Deshmukh Solar	Make:- Topsun Energy Ltd.	Make:- Deshmukh Solar
2	120Ah,12V Tubular FLA battery	Aatous Power	Make:- Southern Batteries	Make:- Exide
3	78W LED Luminary	Make :- Crompton Dimming Option - not available	Make :- Philips Dimming Option - available	Make :- Wipro Dimming Option - not available
4	Solar charge controller	Make :- Crompton Type:- LED Drive cum MPPT Charge Controller	Make:- Philips Type :- IP65 Kept inside battery box	Make:- Phocos Type :- IP 65 Kept inside battery box
5	Pole	7mtr Octogonal Pole	7mtr Octogonal Pole	7mtr Octogonal Pole
6	Battery Box type	One Side	One Side	Double Side
7	Cables			

Further details can be had from the office of the Assistant General Manager – Solar, INKEL Limited, Door No. 7/473ZA – 5 & 6, 2nd Floor, Ajiyal Complex, Kakkanad, Cochin, Pin: 682030 Phone: +919747993225

E-mail: grinson@inkelkerala.com,

Phone: 0484 2978101

Contact Person: Grinson Gregory

Bid Submission Checklist

The bidder shall submit the following:

1. The entire NIQ signed and sealed as a token of acceptance of terms and conditions.
2. Price Bid as per annexure -1 in separate cover.
3. Copy of GST registration certificate.

Sd/-

Assistant General Manager – Solar

NLQ Annexures:

1. Format for Price Bid

Annexure - 1
PRICE BID - RECTIFICATION WORKS

BILL OF MATERIAL PER SOLAR STREET LIGHT

Sl. No	Item Description	Amount (Rs.)	GST (Rs.)	Total Cost Inclusive of All taxes and duties (Rs.)
1	Trouble shooting and rectification work of 78W Solar Street Light installed at Adoor - Kazhakootam KSTP Road			
2	Rate for supply of battery water and battery water filling			
3	Rate for Battery boost charging			
4	Rate for Supply and replacement of new Charge Controller and LED drive (with dimming option)			
5	Rate for Supply and replacement of new 78W Street light luminaire			
6	Rate of Supply and replacement of new battery			
7	Rate for replacement of cables			

*The items from 2 to 7 will depend upon the trouble shooting and as per site conditions.

*The quantity of faulty solar street light is minimum 250Nos.

Terms and Conditions:

1. The above price is inclusive of all taxes and duties.
2. Onsite replacement warranty for 3 years.
3. Work shall complete within 30 Days from the date of Agreement.

Payment Terms

On rectification of each 50 nos. of solar street lights contractor can submit the bills to our site engineer.

- 1) After the completion of joint inspection on successful rectification work and collecting certified bill from Inkel Site Engineer, 80% of payment will release within 10 working days.
- 2) Balance 20% payment will release after the successful working of Solar Street Lights for a period of 30 days from the completion of rectification work.

Contractor Name & Address:

Signature

Official Seal

Date: