

Ref No. INKEL/Solar/2021-22/NIQ-KNHD&KSD/131021

Date: 13.10.2021

Notice for Inviting Quotations

INKEL Ltd. Invites competitive quotes from financially and technically sound reputed Contractor for Supply, Installation, Testing and Commissioning of Solar Power Plants in Kasaragod District.

Name of Work	Quotations invited for Supply, Installation, Testing and Commissioning of Solar Power Plant with 9.6 kWp Solar Modules, 8 kVA Hybrid Inverter & Battery Backup at District Panchayath Office Kasaragod and 7.5 kVA UPS System at Kanhangad Municipality Office.
Date of publishing bid documents	13.10.2021
Last Date & Time of Submission of Quotation document	20.10.2021,3:00pm
Opening of Quotation Cover	20.10.2021,3:30pm
Nature of Contract	Supply, Installation, Testing & Commissioning
Time of Completion of Project	30Days.

Eligibility Criteria

The bidder must fulfil the following eligibility criteria.

- The bidder must be a firm registered under GST.
- The firm should be a Solar PV System Integrator.

The Scope of Works & Technical Specifications to be executed in site is scheduled in Appendix – 1

All the Quotation documents are to be submitted as given in **Appendix – 2** by Speed post only and in the designated covers on the below address by mentioning name of work.

To,

Joint General Manager – Solar

INKEL Limited, Door No. 7/473ZA – 5 & 6,

1st Floor, Ajiyal Complex, Kakkanad, Cochin, Pin: 682030

Note: Please sign and seal all the pages in the Notice Inviting Quotation and return the same.

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.

Location Details:-

Sl. No.	Name of Institution	Building & Roof	Orientation	Capacity in kWp
1	District Panchayath Office Kasargod, Kasargod	Multi Storied, Flat Terrace	South Facing	Solar Power Plant with 9.6 kWp Solar Modules, 8 kVA Hybrid Inverter & Battery Backup.
2	Kanhanagad Municipality Office, Kasargod	Multi Storied, Flat Terrace	South Facing	7.5 kVA UPS System

* Tentative Bill of Materials (BOM) is attached as Appendix 3, Bidder Should visit sites and submit an actual BOM & BOQ along with quote as per site conditions.

Further details can be had from the office of the Joint General Manager – Solar, INKEL Limited, Door No. 7/473ZA – 5 & 6, 1st Floor, Ajiyal Complex, Kakkanad, Cochin, Pin: 682030 Phone: 0484-2978101, Ext code:305 E-mail:solartender@inkelkerala.com

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 Appendix 2.
3. Copy of GST registration certificate.
4. Document to prove eligibility criteria
5. Actual BOM & BOQ as per site conditions

NLO Annexures:

1. Appendix 1 - Scope of Work and Technical Specifications
2. Appendix 2 - Format for Price Bid
3. Appendix 3 - Bill of Materials

SD
Joint General Manager – Solar

Appendix – 2

(To be filled by bidder)

Price Details:

1. District Panchayath Office, Kasaragod

Name of Work: Supply, Installation, Testing and Commissioning of Solar Power Plant with 9.6 kWp Solar Modules, 8 kVA Hybrid Inverter & Battery Backup with 5years warranty and Comprehensive maintenance.

SI No	Description	Unit	Qty	Amount(Rs)
1	Supply of Solar Power Plant with 9.6 kWp Solar Modules, 8 kVA Hybrid Inverter & Battery Backup with 5 years warranty.	Set.	1	
2	Installation, Testing and Commissioning of Solar Power Plant with Battery Backup including load segregation with installation shall carry 5years warranty and CMC charges	Set.	1	
Total Basic Amount (INR)				
GST @ 12% on 1				
GST @ 18% on 2				
Grand Total(INR)				
Grand Total In words:				

The above price inclusive of 5 years warranty and 5 year CMC Charges

2. Kanhanagad Municipality Office, Kasaragod

Name of Work: Supply, Installation, Testing and Commissioning of 7.5 kVA UPS System

SI No	Description	Unit	Qty	Amount(Rs)
1	Supply and Installation of 7.5 kVA UPS System with 14,400 WHr Battery Bank including Load Segregation	No.	1	
Total Basic Amount (INR)				
GST @ 18% on 1				
Grand Total(INR)				
Grand Total In words:				

The above price is inclusive of 3 years warranty

Total Cost (1+2)	Rs.
Total cost Rupees in words:	

Terms and Conditions:

1. The above price inclusive of loading, unloading of materials, GST, all taxes and duties.
2. Onsite warranty - 5 years for solar plants, 3 years for UPS System & 25 years for Solar Modules, 10 years for hybrid inverter against manufacturing defects.
3. Work will be completed within 30 Days from the date of work order.
4. Payment terms :
 - I. 50% of the work order value shall be released against the delivery of all materials required for the project at site in good condition verified by INKEL project manager-solar.
 - II. 45% of the work order value shall be released against the satisfactory completion of installation and commissioning of project at site verified by INKEL ASST Manager-Solar/project in charge and certified by INKEL Project Manager-solar
 - III. Balance 5% of the work order value shall be released against equivalent amount of bank guarantee and the bank guarantee can be released after the defect liability period of 5 years.

Contractor Name:

Signature

Official Seal

Date:

Appendix – 3

Bill of Materials

1. District Panchayath Office Kasaragod, Kerala

Scope of Work: Supply, Installation, Testing and Commissioning of Solar Power Plant with 9.6 kWp Solar Modules, 8 kVA Hybrid Inverter & Battery Backup.

SI No	Work/Material Description	Quantity
1	Solar PV Modules-Poly C-Si-320Wp-9.6kWp, Make: Topsun, Renewsys, Vikram. (As per ANERT & MNRE approved)	30Nos.
2	AJB & DCDB	2 Set
3	MPPT Charger 80A	2 Nos.
4	Hybrid Inverter : ISI Marked - 4 kVA (warranty of 10 years) Approved Make: Studer	2 Nos.
5	Remote control and programming centre	1 No.
6	Mounting Structure : GI/AL	1Set
7	Battery Bank 2V 500Ah FLA (Exide/HBL)	24,000Whr (24Nos.)
8	ACDB	1No..
9	Energy Meter	1No..
10	AC, DC Cables & Accessories	DC – 20 Mtrs (1R) AC – 35 Mtrs (1R)
11	All other accessories as required	1 Lot.
12	Installation, Testing and Commissioning of solar power plant including load segregation	1 Set.

2. Kanhanagad Municipality Office, Kasaragod

Name of Work: Supply, Installation, Testing and Commissioning of 7.5 kVA UPS System.

7.5 kVA UPS System				
S.N.	Item Description	Make	Quantity	UOM
1	7.5 kVA UPS	Hykon/Equivalent	1	No.
2	Battery Bank	Exide/Equivalent	14,400	WHr
3	Battery Stand	Corrosion resistant	1	No.
4	All other accessories required for installation & Load Segregation	IS Electrical standards	1	Set