

# KORAPUT MUNICIPALITY

## *TENDER PAPER*

**(TECHNICAL TENDER)**

*FOR*

*PURCHASE SOLAR LIGHT COMBO  
SYSTEM.*

# KORAPUT MUNICIPALITY

PART-I

TECHNICAL TENDER DOCUMENT

(To be enveloped in separate sealed cover)

NAME OF WORK :- Purchase Solar Light System for Blind School.

Issued against DD No., \_\_\_\_\_ / dt. \_\_\_\_\_ /

Cashier

# KORAPUT MUNICIPALITY

## Detailed Tender Call Notice

- N.I.T. : No. 12 Dt. 02.01.2021
- Name of the work : Purchase of Solar Light Combo System
- E.M.D : Rs. 10,000/-
- AGENCY : As per eligibility criteria
- Period of contract : 1 (One) Year
- Cost of Tender document : Rs. 1000/- ( One Thousand only ( Non-Refundable)
- Sale of Tender document : From 05.01.2021 to 18.01.2021 during office hours.
- Last Date of receipt of Filled up Tender document : Up to 4.00 PM of 19.01.2021.
- Date & Time of Technical Opening : 20.01.2021 at 3.00 PM
- Date & Time of Financial Opening : 20.01.2021 at 4.00 PM

# KORAPUT MUNICIPALITY

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No. 12

Date: 02.01.2021

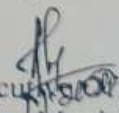
## Notice Inviting Tender

Sealed tenders, in conformity with the detailed tender call notice in two Tender system are invited from the intending reputed & ISI Certified Firms/ Manufactures/ Authorized Dealers having eligibility criteria as mentioned in Technical Tender for supply of Solar light system COMBO so as to reach the Executive Officer, Koraput Municipality through registered post/ speed post only up to 4 P.M. on dt.19.01.2021. Courier Service documents will not be accepted.

The tender documents are to be obtained from Koraput Municipality on deposit of the non-refundable cost of the tender document Rs.1,000/- of the tender document cost, in shape of Demand Draft drawn in favour of the Executive Officer, Koraput Municipality only from dt.05.01.2021 to dt.18.01.2021 during office hours. The technical Tender of the two tenders will be opened at 3.00 PM on dt.20.01.2021 in presence of Tenderer or their authorised representatives, who may be present at the time of opening of the tenders. Koraput Municipality will in no way, be responsible for any delay in receipt of the tender document. The financial Tender of those, who have qualified in technical Tenders, shall be opened in presence of Tenderer on dt.20.01.2021 at 4.00 PM.

The tender must be accompanied with all the attested photo copies of qualifying documents as mentioned in eligible criteria & the required EMD of Rs.10,000/- (Rupees Ten Thousand) only in shape of Demand Draft/ Banker's Cheque from any Nationalized Bank drawn in favour of the Executive Officer, Koraput Municipality and the cost of the tender document (non refundable) in shape of Demand Draft/Banker's Cheque from any Nationalised Bank drawn in favour of the Executive Officer, Koraput Municipality separately failing which the tender shall be rejected out-rightly. **Details can be had from the office of the undersigned during office hour on working days from 05.01.2021 to 18.01.2021 and can be seen on the website [www.koraputmunicipality.in](http://www.koraputmunicipality.in)**

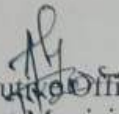
The authority reserves the right to accept or reject any or all the tenders without assigning any reason thereof.

  
Executive Officer,  
Koraput Municipality

Date: 02/01/2021

Memo No. 13

Copy to the DIPRO, Koraput for information with a request to publish the Notice for one day in Two (2) Daily Odia Newspaper using minimum space 14cm x 12 cm .

  
Executive Officer,  
Koraput Municipality

Date: 02.01.2021

Signature of the Tenderer

Memo No. 14

Date: 02/01/2021

Copy to the MIS Computer Programmer, Koraput Municipality for information with a request to publish the Notice for in the website www.koraputmunicipality.in.

Executive Officer,  
Koraput Municipality  
01.01.2021

Memo No. 15

Date: 02/01/2021

Copy forwarded to the Additional District Magistrate, Koraput/ Sub Collector, Koraput/ Project Director, DRDA, Koraput/ Block Development Officer, Koraput Tahasildar, Koraput for favour of kind information with a request to publish the notice on their office Notice Board for wide publicity.

Executive Officer,  
Koraput Municipality

Memo No. 16

Date: 02/01/2021

Copy to Notice Board of Koraput Municipality for wide circulation.

Executive Officer,  
Koraput Municipality

# TECHNICAL SPECIFICATIONS

Model No.	1.3 kW 24 V 1.5 kVA	2 kW 24V 2 kVA	3.3 kW 48 V 3.5 kVA	5 kW 96V 5kVA	6.6 kW 96 V 6 kVA	7.9 kW 96 V 7.5 kVA	10kW 120 V 10kVA
Actual Output Power (Watt)	1050 W	1400 W	2625 W	3750 W	4500 W	5625 W	7500 W
Max SPV Capacity	1320 W	1980 W	3300 W	4950 W	6600 W	7920 W	9900 W
<b>INVERTER</b>							
Technology	DSP BASED FULL BRIDGE SINE WAVE						
Out voltage on inverter mode@ Nominal Battery Voltage	220 V						
Out voltage on inverter mode@ Full Load	220 ±5%						
Output frequency on inverter mode	50 Hz ±0.2 Hz						
Change Over Time UPS Mode	< 10 ms						< 30 ms
Switching from mains to UPS and from UPS to Mains	Automatic						
Output waveform on inverter mode.	PURE SINE WAVE						
THD	< 3%						
Battery charging current	15 Amp. ± 2 Amps.						
Charger	4 Stage CCCV Charger						
Inverter overload	>110 % (1 Min.)						
Surge Load capability	300% ( 1 Sec)						
Input voltage (UPS)	180-260 V ± 5%						NA
Input voltage (INV)	100-290 V ± 5%						160 -260 V ±5% V ±5%
Output voltage on mains mode	Same as input						
Output Frequency on mains mode.	Same as input						
<b>MPPT SOLAR CHARGE CONTROLLER</b>							
Recommended PV Panel Vmp	36-75 V	36-75 V	60-120 V	125-185 V	125-185 V	180 -230 V	180-250 V
Maximum VOC	100 V	100 V	150 V	250 V	250 V	300 V	300 V
Maximum PV Module connected ( 72 Cell)	1320 W	1980 W	3300 W	4950 W	6600 W	7920 W	9900 W
<b>DISPLAY &amp; INDICATIONS</b>							
Visual parameters	16 x 2 ALPHA NUMERIC DUAL LCD						
At respective status / fault conditions	Output Power ( Watt ) ,Mains voltage, Output Voltage, Temperature (Deg C), Battery Voltage, Charging Current,						
Protections and Buzzer indications	LCD1 : Low Battery , Overload, Short Circuit, Over Temperature, Cycle by Cycle Over Load Protection, LCD2 : PV Voltage, PV Current, Batt Voltage, Battery Current, KWH, Total KWH						
Auto reset features	Yes						
Switches	<ul style="list-style-type: none"> <li>• System ON/OFF</li> <li>• Tubular / SMF Battery Selection</li> <li>• UPS / Inverter Mode Selection</li> <li>• Solar / Grid Selection</li> </ul>						

Signature of the Tenderer

## GENERAL TERMS AND CONDITIONS

01. The Tenderer are expected to examine all the instruction, terms and specifications in the Tender document. Failure to furnish all information as per the Tender document & submission of Tenders not substantially responsive to Tender document in every respect will be at Tenderer's risk and shall result in rejection of the Tender.
02. The Tender is meant for supply of Solar Light Combo as mentioned in the Tender for a period of one year from the date of placement of order.
03. Koraput Municipality shall have the right to terminate the supply order on the ground of supply of bad quality materials and violation of the terms of the Tender without assigning any reason thereof.
04. Conditional and incomplete Tender is liable for rejection.
05. Letter of authorization for representing Reputed & ISI Certified Firms/ Manufacturers/ Authorized Dealers to sign the Tender document should be enclosed along with the Tender document.
06. Tender Papers containing overwriting, additions, alternations, erasures, obliteration and other discrepancies should be properly attested all corrections made by them.
07. The Tenderer shall sign every page of the tender documents and submit all of them.
08. The Tenderer should quote rates both in figures and in words, wherever if there is a difference between the rate quoted in figures and words, the rate quoted in words will be taken as correct.
09. All the documents furnished by the tenderers are subject to verification from the issuing authority. In case any manipulation is found the EMD will be forfeited and steps shall be taken for black listing of the tenderer.
10. The tenderer should quote specifically to provide effective after sales service.

Executive Officer,  
Koraput Municipality

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# CHECK LIST

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Sl. No	List of documents	Details of document	For office use only
1	2	3	4
1	Valid PAN CARD		
2	Up-to date GST Certificate		
3	E.M.D. furnished		
4	Up-to date I.T. Clearance certificate		
5	Xerox Copy of Dealership Certificate of HAVELLS/ PHILIPS Company/ Other Companies/ ISI Mark.		
6	Letter of authorization from HAVELLS/ PHILIPS Company/ Other Companies/ ISI Mark in support of the Tenderer for Supply of Electrical Materials to KORAPUT MUNICIPALITY		

i) Total no of corrections:-

ii) Total no of Over writing:-

iii) Total no of Interpolation:-

(Signature of Tenderer)


Name of Dealer/ Supplier:-

Address of the Dealer/ Supplier:-

Contact No:-

Land Line No:

Mobile No:

  
Executive Officer,  
Koraput Municipality

01.1.21

Signature of the Tenderer



## Eligibility criteria & General Instructions to Tenderers

### Eligibility criteria:

The technical Tender shall be accompanied with attested photo copy of the following requisite documents failing which the Tender shall be rejected out rightly.

1. Xerox Copy of PAN CARD.
2. GST certificate .
3. EMD of Rs. 10,000/-
4. Xerox Copy of Dealership Certificate of Company.
5. Up-to date I.T. Clearance certificate.
6. Letter of authorization from Company in support of the Tenderer for Supply of Electrical Materials to Koraput Municipality.
7. Cost of Tender documents

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## SPECIAL CONDITIONS:

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1. The E.M.D. will be kept as Security Deposit without any interest. The EMD of the un-successful tenderers shall be refunded back on application only after finalization of the Tender.
2. The bonafide supplier will have to deposit 5 % amount of the billing amount towards Security or 5% amount will be deducted from the bill and will be kept as Security which will be returned on application after closer of the financial year.
3. During guarantee period of the electrical goods the supplier if any, must replace defect materials immediately.
4. Door deliver should be made at KORAPUT MUNICIPALITY Office Premises within 7 days from the placement of supply order.
5. The authority reserves the right to reject any or all tenders without assigning any reasons thereof.
6. Rate should be quoted after rebate in the tender documents of Financial Bid, failing which the tender documents shall be rejected out rightly.
7. Rate should be quoted excluding of all taxes in the Financial Bid & % of taxes should be mentioned in column of Financial Tender.

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## SCOPE OF TENDER

### Submission & opening of tender:

The tenders shall be prepared and submitted separately in sealed envelopes in two parts. Viz, Part-I & Part-II clearly indicating on the covers PART-I (Technical Tender) & Part-II (Financial Tender). The cover shall be super scribed "Tender for the work "*PURCHASE SOLAR LIGHT COMBO SYSTEM* " for a period of one year from the date of placement of order. The envelope containing the technical Tender and financial Tender should also superscribed accordingly. The full name, postal address, e-mail address and telephone number of the tenderer shall be written on the bottom left corner of the sealed envelope. The financial Tender of those will be opened who will qualify in technical Tender on same day at 4.00 PM.

Executive Officer,  
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# FINANCIAL BID FROM

(No documents should be enclosed in this Bid Form)

SI No.	Name of Specification	Unit	Rate in words	Rate in Figure
1	Solar Light Combo	1		

**Signature of the bidder.**