

Yashwantrao Chavan Academy of Development Administration
Raj Bhavan Complex, Baner Road, Pune-411 007.
Tel No. 020-25608408 / 229

No. EMR/Elect-6123/COSG

Date: - 21/02/2024

To,
Estate Department,
YASHADA,
Pune – 411 007.

Sir,

Kindly forward your quotation for the following supplies / works.

**Subject :- Quotation for Conversion of existing 20 KW off grid Solar power Plant
Generation System - 4 nos. into On Grid at Yashada**

BILL OF MATERIALS					
Conversion of existing 20 KW off grid Solar power Plant Generation System - 4 nos. into On Grid at Yashada					
Sr. No.	Particulars	Quantity	Unit	Rate/Unit (In Rs.)	Amount (In Rs.)
1	Net Meter Procurement, Installation, Testing and Commissioning as per MSEDCL latest specifications				
	a. Net Meter: 11kv/110Volt (0.2S Class-5A, 15 minutes interval time as per MSEDCL Latest Specification) (Make: Secure)	1	Net-Meter		
	b. Net Meter Modem (4G) MSEDCL approved (Make: Sands) for meter reading directly sent to MSEDCL server	1	Antenna		
	c. Generation Meter: 100/5A or -/5A LT CT operated. (Make: Secure)	1	Generation-Meter		
	d. CT: Accuracy 0.2S Class block type CT for Secure meter. 800/5A block type CT	1	CT Block		
2	Solar PV 3P String Grid Inverter with Online Monitoring System (For 80 KW of Solar System) (Make: Growatt)				
	Si_Gr_40Kw-3Ph, Make: Growatt, Capacity - 40 Kw 3 Ph, Solar Grid Tie Inverter with Wi-fi for remote monitoring to be installed on Administration Building already having two (02) 40 Kw Solar Systems	2	Inverter		


Sr. No.	Particulars	Quantity	Unit	Rate/Unit (In Rs.)	Amount (In Rs.)
3	Electrical Distribution Boxes				
3A	Direct Current Distribution Box (DCDB): 5 in 5 out SPDs 1000V (05 Nos.) (Make: Finder/Phoenix), DC Fuses: 15A, 1000V (03 Nos.) and Junction Box Size: 280*280*190 mm (Make: Trinity)	2	Nos.		
3B	Alternating Current Distribution Box (ACDB): With Inbuilt Phase Detection Switch (Make: ABB) and MCCBs: 100A (Make: ABB) Junction Box Size: 560*380*190 mm (Make: Trinity)	2	Nos.		
4	AC Cables (Make: Polycab)				
4A	35 Sq. mm, 3.5C Aluminium Armoured Cables for existing 40 Kw Solar Systems (2Nos.)	300	Meter		
4B	95 Sq. mm, 4C Aluminium Armoured Cable connected to Net-Meter suitable for 80-100 KW load	250	Meter		
5	Bus Bar Box (For 80 KW of Solar System)	1	Box		
6	DC Cables (Make: Polycab) & MC4 Connectors				
6A	4 Sq. mm, 1C DC cable with UV protection coating	500	Meter		
6B	MC4 Connector (Make: Nimbho)	148	Connector		
7	CMC for 1 Year		Lumpsum		
8	Miscellaneous Fittings/Expenses		Lumpsum		
	TOTAL COST OF PROJECT (EXCL. OF GST)				
	GST @18%				
	TOTAL COST OF PROJECT (INCL. OF GST)				

Scope of work	
	1. Additional Payments such as Security Deposits, Net Metering Fees, Fitting Charges (if required) or any other Fees/Charges billed by MSEB shall be payable by Yashada Office.
	2. 5 years comprehensive warranty for solar Inverter from OEM
	3. 1 Year warranty for other electrical items ACDB/DCDB, wires, cables etc.
	4. CMC for 1 year shall include monthly Solar system Checkups and replacement with service for affected products
	5. All work shall be done as per PWD's Electrical works specifications & manual

Note:-

The sealed covers containing quotations with superscription like “**Quotation for Conversion of existing 20 KW off grid Solar power Plant Generation System - 4 nos. into On Grid at Yashada**” for the above work from similar work experienced Agencies.

1. Quotation should be addressed to the undersigned (Estate Department, Yashada) and sent to reach on or before 01/03/2024 up to 3.00 pm.
2. Quotation after the said date will not be entertained. Undersigned reserves the right to reject all quotations without assigning reasons thereof.
3. The vendor should come, contact the Estate Department, and examine the actual site location in Yashada before quoting the rates.
4. Payment will be paid as per follows after Completion of Work & satisfaction of Competent authority.
 - i. 20 % on site delivery of electrical wires, cables, & Connectors.
 - ii. 45 % on site delivery of Inverter, DCDB/ACDB and Busbar Feeder
 - iii. 15 % on site delivery of Net meter.
 - iv. 20 % after successfully Commissioning of site.
5. Material /works will have to supply/done as per the detailed specification mentioned in as directed Engineer In charge/Competent authority.
6. Agency shall provide GST copy,
7. Agency shall provide Pan Card Copy
8. Agency shall provide Shop Act Copy/Manufacturers or its authorised distributor or dealer/certificate of incorporation.
9. For Providing quotation below attached sheet refer.


Registrar
Yashwantrao Chavan Academy
of Development Administration
Pune - 411 007