

ZONAL OFFICE. JEEVANDEEP BUILDING, EXHIBITION RAOD,PATNA-800001.

NAME OF THE WORK:- E-Tender for Design, Supply, Installation, Testing and Commissioning of 25 Kwp each ON-Grid Roof Top Solar Power Plan
Aurangabad, Sasaram, ChapraB.O-1, MuzaffarpurB.O-2, Raxual,Munger. Forbeshganj, Rnachi B.O-2, Gumla

Tender ID NO:- LIC/ECZO/Engg/26-27/16

Dated: 02-07-2026

PART (A) SCHEDULE OF QUANTITIES

Name of the Firm					
Address of the Firm					
Phone/Mobile no.					
Sl No.	Item Description	Qty	Unit	Rate per 25 Kwp Plant (in Figure)	Rate per 25 Kwp Plant (in Words)

Design, Supply, Installation, testing and commissioning of Grid interactive On-grid SPV roof top solar power plant (without battery backup) , of a total 225 Kwp Capacity at different LIC BO Locations (N Type Topcon SPV module) each of 25 Kwp Location wise Capacity (at locations given below) as per the specifications mentioned in the technical details. Rate should be inclusive of all accessories like SPV panels, PCU, Array boxes, mounting structure. (The Structure arrangement shall be designed with Front & Rear leg made out of C Channels of not less than 75X40X4.8 mm of suitable height. The thickness of Perlin, bracing, mid columns, rafter should be minimum 3mm, Minimum 1 Nos. of Earth pits for AC side - terminated with copper earthing cable of 2 runs of 10 Sqmm (PVC insulated cable duly laid in medium class PVC conduit), minimum 1 No. of Earth pits for DC side duly terminated with 2 run of 25x3 mm copper strip of electrolytic grade from earth electrode and 1 No. of earth pits for lightning arrestor duly terminated with 2 run of 25x3mm GI strip. Separate Earthing systems shall be made for individual solar PV system. Internal cabling, Data monitoring with suitable SIM card for 5-year validity with net connection for monitoring the Solar data etc., No any other extra charges will be paid for ancillary works.				
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	The rate is inclusive of internal /external suitable size armored/flexible cables switch gear up to LT net metering etc., Obtaining all necessary permission from local and Government authorities to set up the grid connected power plant and synchronization etc on behalf of Life Insurance Corporation of India. In addition, rendering all services & follow up with concerned authority to get approvals/sanctions with respect to net metering/otherwise and for subsidy if any on Solar Power generating system as applicable. Power Purchasing Agreement (PPA) to obtain for new solar plant from local electricity authority. LIC will reimburse the any official fees paid by the contractors on production of receipts. Rate is inclusive of Providing and fixing Elevated Structure up to suitable Height based on the shadow analysis to get optimum use of solar energy to generate Electricity as MNRE Standards and Maintain terrace properly. The minimum height at low height side shall be 300mm rested on suitable concrete pedestal and appropriate Height to the raised for installation of solar panels for 25 KWp roof top solar power generation system. The elevated module mounting structure shall be made of HOT Dip Galvanized MS Mounting structure to be used for mounting solar Modules/panels /Arrays.				#NAME?
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	Each structure shall have angle of inclination to take maximum isolation. The structure shall be designed to with stand wind pressure of 150 KM per Hour. The work shall be carried out as per specifications mentioned in the technical specification. The installation shall be carried out without causing damage to water proofing membrane. Contractor's responsibility includes supply and installation of Bi-directional energy meter & metering Unit (as applicable) inspected, tested by electricity supply authority officials with GA drawings if required, approval, transportation up to site, pre-commissioning tests at site by local electric supply authority complete The rate quoted should include of CT's, net meter, check meter, panel etc., and all mandatory approvals from statutory authority for installation of net metering panel and necessary testing of the meter and rates to be quoted accordingly. The net metering will be common / independent for each service Connection both site at LT side. Location (25 kwp at each location) : BO- Aurangabad, Sasaram, Chapra-1, Muzaffarpur B.O-2, Raxaul, Munger, Forbesganj, Ranchi B.O-2, Gumla				
	BO Aurangabad - One solar PV of 25 Kwp capacity	1	NO.		#NAME?
	BO Sasaram & BO-1 Chapra – Each Solar Plant of 25 KWp	2	NO.		#NAME?
	BO-2 Muzaffarpur and BO Raxaul - Each Solar Plant of 25 KWp	2	NO.		#NAME?
	BO Munger & and BO Forbesganj -Each Solar Plant of 25 KWp	2	NO.		#NAME?

	BO-2 Ranchi and BO Gumla -Each Solar Plant of 25 KWp	2	NO.		#NAME?
	Total Quoted amount for 225 KWp Plants in Figure				#NAME?
	Total Quoted amount for 225 KWp Plants in Words				#NA
	Note: 1) The rates shall be quoted is inclusive of proper assessment of site and existing status of Electricity Supply viz. LT, terms & Conditions of & Electricity Regulatory guidelines to obtain net meter/ABT meter /Generation meter. The liasoning with local Electricity Board till con shall be the whole responsibility of the Agency				
	2) Only DCR (DOMESTIC CONTAINED REGISTERED) SOLAR PANELS & SOLAR CELLS TO BE USED FROM APPROVED LIST OF MODULE MANUFACTURI				
	3)The rates shall include Free Comprehensive Maintenance of Solar Plants at each location during DLP of 5 years.				
	4) It is mandatory to quote rates for all locations. L1 shall be decided on the basis of total quoted amount for 225 Kwp Plants for Locations.				

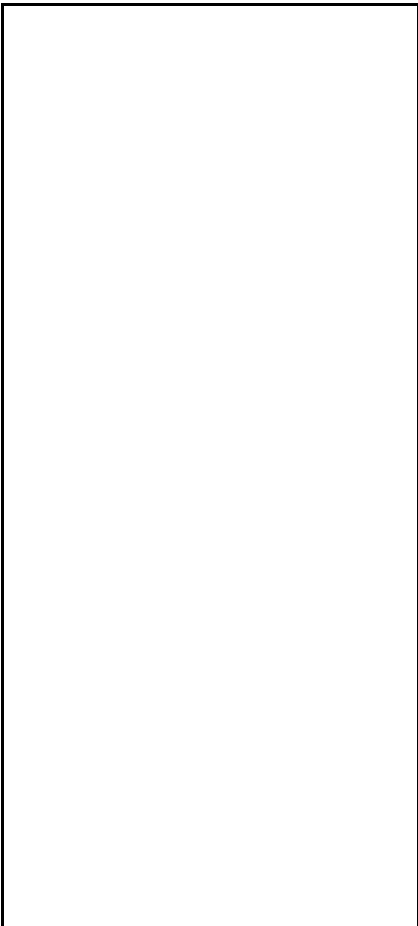


EAST CENTRAL

t (Without BatteryBank) at

Quoted Amount in Rs.





0.00
0.00
0.00
0.00

0.00
0.00
NAME?
Local Electricity Company Commissioning of Solar Plant
RES (ALMM) VENDORS.