

SITC OF GRID INTERACTIVE ROOF TOP SPV PLANT



LIFE INSURANCE CORPORATION OF INDIA

EAST CENTRAL ZONAL OFFICE, ENGG. DEPTT. (4TH FLOOR)

“JEEVAN DEEP”, EXHIBITION ROAD, PATNA – 800 001

PHONE: 0612-2501118/2503014/2501103,

E-mail: ecz_engg@licindia.com

AN ISO 9001:2015 CERTIFIED DEPARTMENT

BID – III

FINANCIAL BID

Tender No. LIC/ECZO/ 24-25/05 Dated 23.05.2024

NAME OF WORK: SUPPLY, INSTALLATION, TESTING AND COMMISSIONING (SITC) OF 40 KW_p GRID INTERACTIVE ROOF TOP SOLAR POWER PLANT WITHOUT BATTERY BACKUP, AT LIC PATNA D.O-I BUILDING.

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S no	DESCRIPTION OF WORK	Qty	Unit	Rate (Rs.)	AMOUNT (Rs.)
1	Design, Supply, Installation, Testing and Commissioning of 40 KWp grid interactive roof top solar power plant AT LIC, Patna D.O-I Building, , without battery backup, with a guaranteed annual AC energy output of 276000 KWH (4.6 KWH/KWp per day i.e. 1380 KWH/KWp in a year considering 300 sunshine days) during the first five years of operation. Complete work with SPV modules; inter connecting accessories, mounting structure and grid connected PCU, Inverter, suitable ACDB, Net Meter, Check Meter, Solar Meter etc complete system with Earthing & Lightning Arrester. Solar modules shall be mono perc solar module(DCR) and made of trans-emissivity glass front surface giving high encapsulation gain, employing lamination technology using established polymer (EVA) and tedlar or polyester back sheet and hot butyl rubber edge sealant for module protection and mechanical support. All materials used shall be suitable for external application. It shall perform satisfactorily in relative humidity up to 100% with temperature between 10 deg c and 85 deg C and withstand gust up to 150 km/h from back side of the panel. The module mounting structure shall be non-corrosive support structure with Hot dip galvanized iron with a minimum galvanization thickness of 120 microns or aluminium alloy suitable for site conditions(to be get approval before commencement of work). Total 6 nos(2nos for A.C side,2 nos for D.C side and 2 nos for Lightning arrester) Chemical Earthing system with SCBR1710254 having 80-120 microns copper coating 3 meter length rod with 17 mm dia connector,25 kg chemical earth compound including fastners ,earth Pit with Cover,earth bars,Bakelite insulators,G.I strip of 25x3mm from earth electrode to the plant to be considered. Obtaining all necessary permission from local and Govt authorities	1	JOB		



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	to set up the Enhance grid connected power plant and sunchronization etc on behalf of Life Insurance Corporation of India in addition to rendering all services & follow up with concerned authority to get all the mandatory approval/sanctions from statutory authority for net metering work and necessary testing of the meters.LIC will reimburse the official fees paid by the Contractor on production of receipts.				
	Total(Rs)				

Rs in words:-----

DECLARATION

Having examined the terms and conditions of the Tender, items description and visiting the site , understanding the liability ,1stly for Five years DLP, then six years CAMC on fixed charges basis as provided in the Tender(BID-II) We are quoting our best possible rates above.

Signature of Contractor

Dy. Chief Engineer