



STATE BANK OF INDIA
PREMISES & ESTATE DEPARTMENT, LHO MUMBAI METRO
3RD FLOOR, SYNERGY BUILDING, G- BLOCK,
BANDRA KURLA COMPLEX, MUMBAI-400 051

TENDER ID: MUM20210909

CORRIGENDUM-TECH BID

Reference: Pre-bid meeting held on 12.10.2021

TENDER FOR:

DESIGN, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF 145 KWP GRID CONNECTED ROOFTOP SOLAR POWER SYSTEM UNDER NET METERING POLICY INCLUDING 5 YEARS COMPREHENSIVE MAINTENANCE (FROM 2ND YEAR) AT VARIOUS BRANCHES UNDER LHO MUMBAI METRO, MUMBAI

Sr. No	Page No	Description	Read as
1	3	SBI invites "online item rate E-tender" from MNRE/MEDA approved channel partners/solar power plant OEMs/ authorized dealers having office in Maharashtra	SBI invites "online item rate E-tender" from MNRE/MEDA approved channel partners/solar power plant OEMs/ authorized dealers having office in " Mumbai "
2	16	(A) Business rules for E-tendering: 1. Only MNRE/MEDA approved vendors having valid registration for SITC of Solar system, Office in Maharashtra shall only be eligible to participate.	(A) Business rules for E-tendering: 1. MNRE/MEDA approved vendors having valid registration for SITC of Solar system, Office in " Mumbai " are preferable.
3	83	The tenderer has to guarantee a minimum energy generation of 4 KWH per KWp per day valid with respect to total plant capacity (considering the weather conditions) during the first five years of operation at Bank's power grid synchronization point. Failing which, a penalty @ Rs.12/- per kWh shortfall per annum will be deducted from the Security Deposit (SD) up to the defects liability period.	The tenderer has to guarantee a minimum energy generation of 1350 KWH per KWp per year valid with respect to total plant capacity (considering the weather conditions) during the first six years of operation at Bank's power grid synchronization point. Failing which, a penalty @ Rs.12/- per kWh shortfall per annum will be deducted from the Security Deposit (SD) up to the defects liability period.
4	86	Reporting, on an immediate basis (within max 2 hours) of functional problems / damages in items to facilitate repair / replacement. Further, vendor shall correspond / coordinate with respective equipment vendors / service centers, on behalf of SBI, for getting the service engineers to the site. Later, coordinating with the service engineers during their visit to site, and assisting them in	Reporting, on an immediate basis (within max 24 hours) of functional problems / damages in items to facilitate repair / replacement. Further, vendor shall correspond / coordinate with respective equipment vendors / service centers, on behalf of SBI, for getting the service engineers to the site. Later, coordinating with the service engineers during their visit to site, and assisting them in the

		the trouble shooting process until the problem is resolved	trouble shooting process until the problem is resolved.
5	87	Technical Requirements: Module size : +/- 1956mm x 990mm x 50 mm	Technical Requirements: Module size : +/- 1956mm x 990mm x 40 mm
6	88	k) Component Specifications: i. The glass used to make the PV modules shall be toughened low iron glass with minimum thickness of 4.0 mm for 72 cell module. The glass used shall have transmittance of above90%.Glass must have bending of less than 0.3%.	k) Component Specifications: i. The glass used to make the PV modules shall be toughened low iron glass with minimum thickness of not less than 3.2 mm for 72 cell module. The glass used shall have transmittance of above90%.Glass must have bending of less than 0.3%.
7	96	xiii. Integration of PV Power with Grid: The output power from SPV would be fed to the inverters which converts DC produced by SPV array to AC and feeds it into the main electricity grid after synchronization. In case OF 90 KWP CAPACITY GRID failure, or low or high voltage, solar PV system shall be out of synchronization and shall be disconnected from the grid. Once the DG set comes into service, PV system shall again be synchronized with DG supply and load requirement would be met to the extent of availability of power. 4 pole isolation of inverter output with respect to the grid/DG Power connection need to be provided	xiii. Integration of PV Power with Grid: The output power from SPV would be fed to the inverters which converts DC produced by SPV array to AC and feeds it into the main electricity grid after synchronization. In case GRID failure, or low or high voltage, solar PV system shall be out of synchronization and shall be disconnected from the grid. However The tenderer should give guaranteed minimum energy generation of 1350 KWH per KWp per year.
8	103	9) LTPDB combiner boxes: i. LTPDB comprises of 320A, 4 Pole MCCB.	Up to 25 KWp -----63A, 4Pole MCCB 26KWp – 40 KWp ---100A, 4 P, MCCB 41KWp – 50 KWp ---125A, 4 P, MCCB 51KWp – 70 KWp ---160A, 4 P, MCCB 71KWp – 100 KWp ---225A, 4 P, MCCB
9	105-106	iii. EARTHING PROTECTION: Body and lightning protection system earthing shall be of provided with maintenance free earthing (MFE) system comprising of 17mm (3M length)..... EARTHING SPECIFICATIONS: • Electrode : Material - Cu. Bonded • Diameter - Ø17 mm. • Length - 2 m. long • Earthing Chemical / Enhancement compound: 15- 25 kg	iii. EARTHING PROTECTION: Body and lightning protection system earthing shall be of provided with maintenance free earthing (MFE) system comprising of 17mm (2.5M length)..... EARTHING SPECIFICATIONS: • Electrode : Material - Cu. Bonded • Diameter - Ø17 mm. • Length – 2.5 m. long • Earthing Chemical / Enhancement compound: 15- 25 kg

Sd/-
Assistant General Manger (P&E)