

DESIGN, ENGINEERING, SUPPLY & PROCUREMENT, ERECTION, TESTING, COMMISSIONING AND COMPREHENSIVE OPERATION AND MAINTENANCE FOR 5 (FIVE) YEARS FOR 406 KW(AC) GRID CONNECTED ROOFTOP SOLAR PHOTOVOLTAIC POWER PROJECT ON ROOFTOP OF VARIOUS BUILDINGS AT TWO LOCATIONS (I) SITE 1- APPAREL PARK DEPOT (206 KW) AND (II) SITE 2- GYASPUR DEPOT (200KW) OF GUJARAT METRO RAIL CORPORATION (GMRC) LTD, GUJARAT

Tender no. GMRC/SYSTEM/RFTP-02 (R)/DEPOT/EW-NS/2022 dated 16.12.2022

Sr.	Chapter No	Clause No.	Page No.	Tender Condition	Bidder's Query	GMRC's Clarification, dated: 31/12/2022
1	3.3 Local Condition	3.3	47	Site access- Gyaspur Depot	Confirmation on Terrace cabin availability for the solar power plant if yes then Accessibility of cabin provided by metro ?	Bidders are advised to refer clause 3.1.4, pg. no. 40 and clause3.3.1, pg.no.47 of RFP document.
2	3 : Instruction to Bidders	3.12 : Third Party Engineering Services Agency	53	Third Party Engineering Services Agency	Kindly clarify whether Third Party inspection/testing of panel/inverter required or not and if third party inspection/testing than who will born charges of inspection and testing.	Engaging Third party is not envisaged at this stage. GMRC will engage Third party if required at any stage and will borne the expenses.
3	3 Instruction to Bidders	3.14 Net Electrical Energy Generation Guarantee (NEEGG)	54	The Bids with NEEGG of less than or equal to, for site-1 (206 kW plant at Apparel park depot) at least 3,24,821 kWh and for site-2 (200 kW plant at Gyaspur depot) at least 3,15,360 kWh (Calculated @ 18% CUF) for the first year shall be summarily rejected. & PR Should be 83 %	1.NEEGG of Apparel Park and Gyaspur depot is high to achieve Because of deterioration in current environment conditions and panel degradation in every year . Kindly reduce NEEGG Value of Apparel Park and Gyaspur depot. Kindly Consider NEEGG of Site -1 : Apparel Park at Least 2,88,400 Kwh and Site- 2: 2,80,000Kwh. 2. 18% CUF is high to maintain for 5 years because of deterioration in current environment conditions and panel degradation in every year. Please consider the CUF in 18% to average 16% for full fill the CUF in every year.	Bidders are advised to refer clause no.3.14.4 and 3.14.5, pg. no. 55 of RFP document. Tender condition prevails.
4	6.17	6.17 : Obligations during Construction, Commission ing and Operation	55	PR(temperature corrected should be shown minimum of 83% at the time of inspection for initial commissioning for clearing the System Acceptance Test“ Definition of Performance Ratio to be included in RFP	Kindly confirm that PR ratio (Only One time) should be maintained during time of inspection for initial commissioning only.	Yes, bidder’s understanding is correct in general. Tender condition prevails.
5	5 Scope of Work	5.1.1 A): xviii)	69	Making arrangements for module cleaning in the plant area with cleaning mechanism;	Kindly clarify that what should be provided in cleaning mechanism	Refer clause no. 6.16.5, pg. no. 122 of RFP document.
6	5.3 GENERAL SYSTEM DESIGN GUIDELINES	5.3	74	Gyaspur site - canteen building, Auxiliary Sub Station, P-way Office Admin office, Depot Control centre, Maintenance office	Whole terrace available or specific part of terrace for solar? Kindly confirm	Bidders are advised to refer clause 3.1.4, pg. no. 40 and clause3.3.1, pg.no.47 of RFP document.
7	5.3 GENERAL SYSTEM DESIGN GUIDELINES	5.3	74	Capacity of solar power plant	If solar particular feasibility is not available at a specific site then can we use another site terrace to compensate that capacity ?	Name of Buildings are mentioned in RFP document where solar plant installation is planned. No other buildings can be used.
8	5.4 : TECHNICAL SPECIFICATIONS AND STANDARDS	5.4.1 b)	77	The EPC Contractor shall procure the solar module in line with the MNRE requirements on domestic content.	Kindly Consider Modules approved in ALMM List.	Clause 5.4.1 (b), pg.no. 77 and 6.17.3, pg. no. 123 is self explanatory. Tender condition prevails.
9	5.4.10 TRANSFORMER “IF REQUIRED” & METERING	5.4.10 i)	90	Dry/oil type relevant kVA, 11kV/415V, 50 Hz Step up along with all protections, switchgears, Vacuum circuit breakers, cables etc. along with required civil work	Kindly Confirm that whether Transformer is required for this project or not	Not required for subject tender works.
10	5.4.10 TRANSFORMER “IF REQUIRED” & METERING	5.4.10 iv)	90	Minimum two no. of solar meter shall be considered for plant. Solar meters shall be installed near ground floor of the building.	Only One Solar Meter is allowed by Torrent Discom for Apperal park and Gyaspur Location. Kindly Clarify that how many solar meter required for each site of this project	Design will be in the scope of successful bidder. As per the information available to GMRC, Torrent does not restricts for no. of solar meters at one site. Moreover, bidders are advised to refer clause 5.3(ii) & (iii), pg.no. 75 of RFP document.

DESIGN, ENGINEERING, SUPPLY & PROCUREMENT, ERECTION, TESTING, COMMISSIONING AND COMPREHENSIVE OPERATION AND MAINTENANCE FOR 5 (FIVE) YEARS FOR 406 KW(AC) GRID CONNECTED ROOFTOP SOLAR PHOTOVOLTAIC POWER PROJECT ON ROOFTOP OF VARIOUS BUILDINGS AT TWO LOCATIONS (I) SITE 1- APPAREL PARK DEPOT (206 KW) AND (II) SITE 2- GYASPUR DEPOT (200KW) OF GUJARAT METRO RAIL CORPORATION (GMRC) LTD, GUJARAT

Tender no. GMRC/SYSTEM/RFTP-02 (R)/DEPOT/EW-NS/2022 dated 16.12.2022

Sr.	Chapter No	Clause No.	Page No.	Tender Condition	Bidder's Query	GMRC's Clarification, dated: 31/12/2022
11	5.4.10 TRANSFORMER "IF REQUIRED" & METERING	5.4.10 ii)	90	EPC Contractor shall be responsible for inspection, testing and calibration of ABT Meter at the time of installation and also during operation lifetime of Facility.	Kindly provide existing meter details (ABT meter or HT bidirectional meter) for Apparel park depot (206 kw) and (ii) Site 2- Gyaspur depot (200 kw).	ABT meter (bidirectional).
12	5.4 : TECHNICAL SPECIFICATIONS AND STANDARDS	5.4.12 CABLES	93, 94	Ac cable	Can we use ALU armored cable for AC cabling	No. Tender condition prevails.
13	General			Site Visit	Can We use existing cable trench of Apparel Park & GyasPur Depot. Kindly provide us existing Cable route for Apparel Park & GyasPur Depot. Kindly provide existing Drawing for Cable route	Yes, existing cable trench can be used. Moreover, Bidders are advised to refer clause 3.1.4, pg. no. 40 and clause 3.3.1, pg.no.47 of RFP document.
14	General				Please clarify for How many Solar generation meters required. (like. sitewise each meter and its backup meter ?)	Design will be in the scope of successful bidder. Moreover, bidders are advised to refer clause 5.3(ii)& (iii), pg.no. 75 of RFP document.
15	General				How many Torrent Services on both sites? as well what is meter specification as of now there.	2x132 kV input lines from Torrent. ABT meter (bidirectional).
16	General				406 Kwp is AC capacity or DC capacity?	AC capacity.
17	General				Module DCR Contain Required of Module ? (Domestic Contain)	Description mentioned in clause 6.17.3, pg.no. 123 of RFP document is self explanatory. Tender condition prevails.