



MAHANAGAR TELEPHONE (MAURITIUS) LTD.

(A subsidiary of MTNL - A Govt. of India Enterprise)

RFP No. MTML/Battery/RFP/2024/1

Dated: 10th Jul 2024

To,

The Prospective Bidder.

Dear Sir / Madam,

Subject: Clarifications in respect of RFP No. MTML/Battery/RFP/2024/1 dated 26th Jun 2024

In accordance with the clause 6, Section II of the subject RFP document, Clarifications sought by different vendors on commercial and technical specifications have been examined by this office and necessary clarifications / amendments are being attached herewith as Annexure-I for reference to all prospective bidders.

These clarifications supersede the relevant terms and conditions of RFP in case of any contradiction. While preparing the bid these clarifications should be taken into account and complied with.

Duly signed and completed hard copies of the bid documents must reach MTML's office in Mauritius before closing date, i.e, 06th Aug 2024, upto 14 Hrs.

The bids without BID Security /Transfer Receipts and the BID fees will be solely rejected.

All the other terms and conditions of the subject RFP remain unchanged.

sd/-

CEO, MTML

Enclosure: Annexure-I

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Annexure -1 Clarifications for RFP No.: MTML/Battery/RFP/2024/1 dated 26th Jun 2024

S.No	RFP Clause Number	RFP Clause details	Bidder Queries	MTML Clarifications
1	Section VI, Clause 7	The terminals both +ve &-ve shall be capable of proper termination and shall ensure its consistency with the life of the battery. The terminal connector will be M6 type of minimum torque 4Nm.	Our Battery is having M8. Will this suffice the requirement ?	Agreed. The bidder must ensure to deliver suitable connector type and sufficient cable length & dimension to integrate with the existing SMPS/Rectifier unit.
2	Section VI, Clause 9	The battery module must be packaged as 48V models. It shall employ a modular configuration to provide flexibility, keeping in view the future backup requirements. Battery modules shall be able to fit in to existing cabinet along with Parallel Battery Management System.	Existing rack details to be shared by MTML	Already given in the RFP. Please refer Section IV, Clause 10.
3	Section VI, Clause 14	It shall be compatible to work with our existing SMPS/Rectifier telecom battery chargers such as Huawei, ZTE, Emerson or with any other normal SMPS telecom chargers.	Please clarify whether communication is required with SMPS or not ? or Only charging/discharging compatibility is required ?	Yes, the proposed battery should be integrated with the existing SMPS/Rectifier unit, as per RFP requirement.
4	Section VI, Clause 26	Water Dust resistance- Should comply with IP21 or better.	Since batteries to be installed in a IP55 Rack, hence IP20 rating of batteries will suffice the requirement.	As per RFP requirement, the proposed equipment Should comply with IP21 or better.
5	Section VI, Clause 27	Electro-Static Discharge: The cell/module shall not explode or burn when an electro-static discharge of 8KV is applied to any of its part exposed to contact.	Please clarify the use case of this requirement. Since the application is telecom and this value is too high from application point of view.	The proposed equipment shall be used in providing 48 V DC power for equipment in MTML Telecom Network in Mauritius
6	Section VI, Clause 30 (vi)	Communication ports: The supplier shall provide Modbus RS485 port for connectivity with existing SMPS power plant and shall also provide any other additional communication port(s) such as RS232, Ethernet or USB, CAN, wireless communications etc., as per the existing SMPS requirement.	For communication ports, we can only offer RS485 port to interface with SMPS.	As per RFP. Please note that our existing SMPS/Rectifier unit can also support RS485.
7	Section IV, Clause 11	The bidder should ensure that proposed batteries are compatible to work in float/charge/discharge conditions with our existing SMPS/Rectifier unit. The model details of the existing rectifier units are as follows: ☐ Make: Huawei, Model: MTS9302A-HA16A3 ☐ Make: Huawei, Model: TP48200A-HX09A5 Page 28 of 38 ☐ Make: Huawei, Model: APM30H ☐ Make: ZTE, Model: ZXDU68 W201 ☐ Make: ZTE, Model: ZXDU58-B121 ☐ Make: EMERSON, Model: PS48300-3/25 The bidder is responsible for integration of their proposed BMS with the existing SMPS/Rectifier unit.	Currently, our batteries, which are neither CBMS-based nor all slave architecture-based, are not integrated with any of the SMPS models listed by MTML. Integrating the battery with the SMPS will be a development step and may need to be done on the SMPS side.	As per RFP. The bidder is responsible for integration of their proposed BMS with the existing SMPS/Rectifier unit