BSES Yamuna Power Limited

**NIT NO: CMC/BY/25-26/RS/SkS/SV/47 (RFx - 2200000180)**

**CORRIGENDUM-1** **Dated 14.03.2026**

**Refer to NIT No. CMC/BY/25-26/RS/SkS/SV/47 (RFx - 2200000180) dated 20.02.2026 for "RATE CONTRACT FOR SUPPLY & SUPERVISION OF 11KV INDOOR & OUTDOOR RING MAIN UNIT'S.**

**(A) Following revision(s) has been done in the NIT**

| S.N. | Clause No. | Original Clause Description | Revised Clause Description |
|---|---|---|---|
| 1 | Clause No. - 5.28 | VPIS shall be provided with terminals facility for phasing purpose. VPIS sensor shall be installed on screened bushing. NO/NC Contact shall be provided with VPIS for taking the Live line indication status to remote SCADA through FRTU. | VPIS shall be provided conforming to IEC62271-213 standard. VPIS shall be provided with terminals facility for phasing purpose. VPIS sensor shall be installed on screened bushing.<br>NO/NC Contact shall be provided with VPIS for taking the Live line indication status to remote SCADA through FRTU. |
| 2 | Clause No. - 6.13.1.1 | Battery Type - Li-Ion/SMF lead acid battery | Battery Type - Li-Ion battery |
| 3 | Clause No. - 6.13.4 | FRTU shall be provided and integrated with RMU and LV compartment with completely wired along with Modem suitable for communicating over GSM network. Bidder shall demonstrate the data communication of FRTU modem with MCC/BCC for the proposed modem for approval of owner in the Pre Order technical evaluation stage. For detailed specification of FRTU, I/O requirements , refer standard specification of Annexure H | FRTU shall be provided and integrated with RMU and LV compartment with completely wired along with Modem suitable for communicating over GSM network. FRTU Compartment shall be continuously welded with base frame of RMU.<br>Bidder shall demonstrate the data communication of FRTU modem with MCC/BCC for the proposed modem for approval of owner in the Pre Order technical evaluation stage. For detailed specification of FRTU, I/O requirements, refer standard specification of Annexure H |
| 4 | Annexure - G: 21 | Antenna: 12dB High Gain Antenna with SMA connector. 15mtr wire length to be provided with the High Gain Antenna. | Antenna: 2 Nos to be provided<br>1) 12dB High Gain Antenna with SMA connector and 15mtr wire length<br>2) 7dB High Gain Antenna with SMA connector and 5mtr wire length<br><br>It shall be ensured that the male pin SMA Connector of Antenna is of copper at the Antenna base and also at the point of modem connection. |

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| 5 | Annexure - G: 22 (b) | 1 Meter Standard Ethernet (Straight) data cable | 1 Meter Standard Ethernet (Straight) data cable with metallic connector (SS/MS) |
| 6 | Annexure - H: 1.2.4 a) | FRTU system shall be configured to communicate with MCC/ BCC simultaneously on IEC 60870-5-104 protocol. | FRTU system shall be configured to communicate with MCC/BCC simultaneously on IEC 60870-5-104 protocol. In addition to IEC 104 protocol, FRTU shall also able to communicate all data over secure MQTT with latest version. |
| 7 | Annexure - H : 1.2.13 | The FRTU shall support the advanced cyber security standard ISO 27002 2005 (previously known as ISO IEC 17799 2005), NERC CIP-009-1 and ISA-99.02.01[5]- [7]. | The FRTU shall comply to IEC62351- 3 for cyber security in communication between FRTU and master station and IEC62443-4-2 for cyber security for product including testing requirement as per MoP order no 12/34/2020-T&R dtd 08.06.21 & CEA /PLG/R&D/MII/2021 dtd 11.6.21 and any amendment from time to time.<br>All the eligible equipments should complied to requirement of Mandatory Testing and Certification of Telecom Equipment (MTCTE) vide MoP order No. 14/02/2021-UR&SI-II-Part(1 )(E-258136). |
| 8 | Annexure - H : 1.2.10 | Interfacing of FRTU system with RMU | In addition to the requirement mentioned in specification; 1 Meter Standard Ethernet (Straight) data cable with metallic connector (SS/MS) to be provided for connection between FRTU and Ethernet SPD |
| 9 | Annexure - H : 1.11.0 | DI/DO/AI Requirement for 3 Way & 4 Way RMU<br>DI - 48<br>DO - 16<br>AI - 6 | DI/DO/AI Requirement for 3 Way & 4 Way RMU<br>DI - 64<br>DO - 16<br>DI 49 - 64 to be used for future LT ACB Automation |
| 10 | Annexure - H : 1.11.0 | Signal List for Motorized RMU | Analogue Inputs Signals are not required |
| 11 | Annexure 1.4.0 FRTU Power Supply | b) The main DC circuits shall be protected by incoming circuit breakers. Each circuit shall be tapped through single pole MCBs so as to provide an individual DC feed to each of the I/O modules, modems and protocol converters. Contractor shall provide maximum power consumption data of each of the type of FRTU. To protect the batteries from the theft the battery in RMU compartment should have separate pad lock arrangement. | b) The main DC circuits shall be protected by incoming circuit breakers. Each circuit shall be tapped through single pole MCBs so as to provide an individual DC feed to each of the I/O modules, modems and protocol converters. Contractor shall provide maximum power consumption data of each of the type of FRTU. To protect from the theft the batteries should be enclosed in a protected box with anti-theft shear head type nut and bolts. Battery enclosure should be concealed and not visible. |

**(B) Auxiliary PT Requirement:**

| Sl No. | RMU Type | Installation | Auxiliary PT Requirement |
|---|---|---|---|
| 1 | 3 Way | Indoor | Not Required |
| 2 | 4 Way | Indoor | Not Required |
| 3 | 3 Way | Outdoor | Required |
| 4 | 4 Way | Outdoor | Required |
| 5 | 3 Way + Metering | Outdoor | Required |

**(C) The due date for bid submission has been extended to 23.03.2026, 15:00 Hours. The revised date & time of Opening of technical bids is 23.03.2026, 16:00 Hours.**

All other terms and conditions outlined in NIT No. CMC/BY/25-26/RS/SkS/SV/47 (RFx - 2200000180), including any addenda and corrigenda, as well as the BYPL replies to pre-bid queries, remain applicable.

This corrigendum is an integral part of the tender documents and should be submitted along with the bid.