

FORMAT B.1

Format for Technical Pre-Bid Queries

Tender No
Package Name
Bidder :

NIT No.: TPSODL/OT/2022-23/153
Rate Contract for Supply and Installation of Control and Relay Panel

Note : The said format to be used only for Technical Pre-Bid Query. Any Commercial Query has to be strictly in Format B2 Format for Commercial Pre-Bid Query and sent separately
Format to be used for query regarding Technical Pre-Qualification Requirement, Safety Pre-Qualification Requirement, Technical Set of Document
Pre-Bid Query has to be sent in editable Excel file format only
Pre-Bid Query has to be sent through e-mail in TPSODL E-Tender System

Sr. No.	Detailed Reference to TPSODL Technical Document. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	TPSODL Response
1	Clause no. 4.3.1 : Energy Meter (Multifunction Meter-MFM),Page no 33 of 220	Supply and Integration of Energy Meters with Software for centralized meter data reading shall be in supplier's scope. Supplied Software shall have independent for meter make or OEM to retrieving the meter data. Software configuration for integration of energy meters (at centralized meter data acquisition system) shall be in supplier's scope. Supplier shall have ensured the data communication.	1.Please clarify whether MFM is to be supplied or Energy Meter with software is to be supplied, Please share the Make and Model of the Required meters which is mounted in the Existing Substation . 2. In case Energy Meter is required then please clarify the Hardware and Software requirement of integration .	MFM to be supplied only. MFM Make: Secure/AE/Rishab/Schnider Model: As per SCADA Compatible Energy Meter: Not Required
2	Clause no. 4.3.6 Numerical Relay for Transformer differential protection, Page no. 38 of 220	Separate Sensitive Earth Fault and High Impedance Restricted Earth Fault and Stand by earth fault Protection Coil Required in the Relay. As Per shared GA, 64 REF will be inbuilt feature of Transformer differential relay and Separate Standby Earthfault Relay is not shown.	1. Please clarify whether REF inbuilt feature of Transformer Relay is acceptable or not? 2. Please clarify whether Earth fault relay is required separately	1. REF inbuilt feature of Transformer Relay is acceptable. 2. Earth Fault Relay is not required separately.
3	Clause no 1, Scope of work Point to point as well as configuration logic testing from links to relay as well as from relay to RTU, network Switches and SCADA is in the bidder's scope. Page no 27 of 220	Point to point as well as configuration logic testing from links to relay as well as from relay to RTU, network Switches and SCADA is in the bidder's scope.	1. Please clarify whether integration to Existing RTU and SCADA will be in Vendor Scope or not? 2. If yes, Plz clarify Make of Existing RTU Model , SCADA? 3. Arranging of Substation data Backup/IP address/Signal List etc of existing RTU/SCADA will be in whose scope? 4. If any Hardware/Software required for integration of the new Control and Relay Panel, it will be in whose scope? 5.Please share the Layout of substation with the location of 33/11KV CRP, and RTU Panel and SCADA Panel	1. Integration to existing RTU is not in the Vendor Scope, however relay ICD files shall be provided by B.A.. 2. Existing RTU Make: Siemens/Schnider and Existing SCADA Make: GE 3. Only IP address/Signal list are in TPSODLScope. 4. Bidder Scope 5..Attached in Annexure D

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4	Clause no 8.2 Spares	<p>The bidder is required to list the spares, which may be required for ensuring the availability during the guaranteed availability period. The final list of spares shall form part of scope of supply and accordingly the price thereof shall be quoted by the bidder and shall be considered in the evaluation of the bids. During the guaranteed availability period, the spare parts supplied by the Contractor shall be made available to the Contractor for usage subject to replenishment at the earliest. Thus, at the end of availability period the inventory of spares with the Employer shall be fully replenished by the Contractor. However, any additional spares required to meet the availability of the system (which are not a part of the above spares supplied by the Contractor) would have to be supplied immediately by the Contractor free of cost to the Employer.</p>	Please share the Mandatory Spares List, Type of Item and no. of Quantity	Spares are not required
5	General(Important)		Plz provide the Substation wise no. of Panels details Panel wise details BOQ,Substation wise RTU Integration,Hardware and Software details	Refer as per Annexure E SLD in NIT