

Additional Prebid Queries Response- TPCODL/CCG/2024-25/1000002369

Two Year Rate Contract for SITC of RTU & Accessories for TP Odisha DISCOMs.

S.No	Clause No.		Specification	Pre-bid Query	CCG Response
1	2		3	4	
1	Event Information 1.0 Scope of work	pdf sheet no. 4 of 31	Two Years Rate Contract for SITC of RTU & Accessories for TP Odisha DISCOMs.	We request to modify the Rate Contract for One Year instead of two years.	Tender Terms & Conditions shall prevail
2	13.1 Special Conditions of Contract	pdf sheet no. 15 of 31	2. Prices shall be on FOR Basis, inclusive of Transit Insurance/ Packing & Forwarding and ITC charges and shall be inclusive of unloading & stacking at DISCOM site / store locations.	We shall be offered FRTUs as TATA Power Central Location/Store. The shifting from Central Store to respective site, unloading, safe storage at site shall be taken care by Tata Power.	As per RFP .
3	13.1 Special Conditions of Contract	pdf sheet no. 15 of 31	4. Guarantee Period of equipment shall be 60 months from the date from the date of commissioning of the project as per details mentioned in technical specification.	We are proposing warranty period of 60 months from commissioning or 66 months from supply whichever is earlier against manufacturing defects. This warranty shall be acceptable lotwise and not from last lot of supply.	warranty period of 60 months from commissioning or 66 months from supply whichever is earlier against manufacturing defects is acceptable . The warranty shall be acceptable for all lot .
4	13.1 Special Conditions of Contract	pdf sheet no. 15 of 31	5. BA shall submit GTP/ Drawing within 10 days from the issuance of Rate Contract.	Drawing submission within 4 weeks from clear inputs from customer There shall be drawing approval in one go. We are not considering any lot wise drawing approval	As per RFP .
5	13.1 Special Conditions of Contract	pdf sheet no. 15 of 31	6. Delivery Terms: Supply Part- Delivery shall be made within 90 days from the date of issuance of Release Order/CAT- A approval, whichever is later.	Our Delivery Terms shall be within 16 weeks from drawing approval or manufacturing clearance, whichever is later.	As per RFP .
6	GCC- 4 DISCOMs		TPCODL GCC - Supply Orders TPCODL GCC - Service Orders	We understand that GCC for TPCODL shall only be followed.	GCC for respective DISCOM shall be applicable for Post award Contract management
7	Project Specifications	pdf sheet no. 16 of 195	8.0 Auxiliary Power Supply (b) DC Supply 24V DC @ 10% / 48V DC @ 10%, Sub Station DC System 24V / 48V Substation DC System will be used for Substation Automation System and its accessories.	Kindly confirm the RTU power supply requirement will be of 48V DC or 24V DC.	Please refer BOM
8	Project Specifications	pdf sheet no. 17 of 195	3.0 Scope of Work The scope of this specification covers the technical and functional requirement with all accessories, tools and tackles of Design, Engineering, Supply, Insurance, Testing at Manufacturer's works, Packing, Forwarding, Transportation, Delivery at site, unloading at site/stores, material storage, Installation, Testing & Commissioning of Substation Automation System and its seamless integration with all Substation IEDs, Meters and with Purchaser's SCADA/ADMS Systems for the proposed Conventional Substations, comprehensive on site Warranty support for 5 years as per the detailed scope and specifications.	1. Any kind of tools and tackles not considered as not asked in BOQ. 2. We shall be offered FRTUs as TATA Power Central Location/Store. The shifting from Central Store to respective site, unloading, safe storage at site shall be taken care by Tata Power. 3. We understand that any integration with existing Sub-station Automation System AND Control Centre is not under present scope	As per RFP .
9	Project Specifications	pdf sheet no. 17 of 195	3.0 Scope of Work Any item though not specifically mentioned but is required to complete the project shall be considered and the same shall be supplied and installed by the bidder.	Our scope shall be as per the tender BOQ. Anything required extra shall be supplied at an extra price.	As per RFP .
10	Project Specifications	pdf sheet no. 18 of 195	3.3 Installation & Commissioning 3.3.2 RTU f. In some substations space for RTU panel shall be created by dismantling and shifting the existing unused dead panel by the bidder.	We understand that dismantling and shifting of existing panel not in scope as not asked in tender BOQ.	As per RFP .
11	Project Specifications	pdf sheet no. 19 of 195	3.3 Installation & Commissioning 3.3.2 RTU i. The ITC cost is inclusive of any addition of Module/s in a RTU Rack for the Substations as per the site requirements.	The RTU shall be supplied suitable for 16DI/8DO/4AI only. Addition of any modules in RTU not envisaged and not considered.	As per RFP .

12	Project Specifications	pdf sheet no. 19 of 195	3.6 Panel Erection d. In some substations space for RTU shall be created by dismantling and shifting the existing unused dead panel by the bidder.	We understand that dismantling and shifting of existing panel not in scope as not asked in tender BOQ.	As per RFP .
13	Project Specifications	pdf sheet no. 19 of 195	3.7 Communication Infrastructure a. Communication components and accessories such as Converters, Serial Server, Ethernet switches, and other accessories such as cables, connectors etc. required for the RTU based automation systems shall be in the scope of the bidder. b. Installation of Ethernet Switches, Media converter (if required), communication cable supply, laying, termination is in the scope of the bidder for the RTU based automation system supplied at conventional substations to meet all the functional requirement specified in this RFP. c. Communication equipment's like Router cum Firewall, POE and its associated power supply and any other accessories required to make through the communication between RTU and IPMPLS cloud shall be installed in the RTU panel. Bidder to take care during detailed engineering. However, supply of these equipment's except the communication cable shall not be in the scope of the bidder.	Communication infrastructure shall be supplied as per the tender BOM only. Serial Server, Router cum Firewall, POE, Media converter, Converters, etc. not in scope as not asked in BOQ.	As per RFP .
14	Project Specifications	pdf sheet no. 20 of 195	3.9 Cyber Security Audit a. Bidder to carry out Cyber Security Audit by Third Party Auditor for 10% of the PSS covered under each	Cyber Security Audit shall be done for 1 lot only and as per the tender BOM.	As per RFP .
15	Project Specifications	pdf sheet no. 20 of 195	i. Cyber Security Audit shall include all the system installed at Substation (Bidder's OWN and System Installed by P DISCOMs) the following indicative/tentative List of Equipment in the substation is mentioned below– • IEDs - BCPU, DC System Controller, TMU, RTU, FDS, Engineering Laptop etc. • Networking Equipment – Ethernet Switches, Firewalls, Routers, GPS receiver, etc. • Configuration software of RTU, BCPU, FDS, DC System Controller etc. • Other software components – Operating system, MS Office applications, Adobe, SQL, JAVA, Antivirus etc.	Cyber Security Audit shall be done on the present scope of supply only.	As per RFP .
16	Project Specifications	pdf sheet no. 21 of 195	3.11 Documentation, Backup g. Providing complete source code, including customization	Source code shall not be provided due to Intellectual Property Right.	need to discuss with other discoms .
17	Project Specifications	pdf sheet no. 23 of 195	4.0 Terminal Points 4.1.4 The offered product shall comply to all open protocols used in electrical substation application such as IEC60870-5-xxx, IEC61850 (ED1, ED2), Modbus, Serial and TCP/IP etc. and compatible with all other OEMs product. Any interoperability issues arising during commissioning and during guarantee period, bidder shall undertake to resolve them within maximum 1 months' period without any additional cost to the Purchaser.	Any interoperability issue resolution related to system/equipment not supplied under present scope shall be in TP Odisha scope.	As per RFP .
18	Project Specifications	pdf sheet no. 22 of 195	4.1.7 Integration with Control Centre SCADA Systems as specified in the specifications	We understand that any integration with existing Control Centre is not under present scope	Integration upto RTU and 104 configuration is in bidder scope .
19	Project Specifications	pdf sheet no. 25 of 195	6.2 Type Tests Reports The type tests specified in Purchaser specifications should have been carried out within five years prior to the date of opening of technical bids and test reports are to be submitted along with the bids. If type tests carried out are not within the five years prior to the date of bidding, the bidder will arrange to carry out type tests specified, at his cost. The decision to accept/ reject such bids rests with Purchaser. Type test reports should be issued by third party government accredited laboratory or internationally recognized laboratory like NABL / CPRI / ERDA / KEMA / International Accredited Lab.	The Type Test report shall be submitted with validity of 10 years. Kindly accept.	need to discuss with other discoms .

20	Project Specifications	pdf sheet no. 63 of 195	14.7.3 Maintenance Under Warranty	We understand that AMC is not in present scope of the tender.	OK
21	Project Specifications	pdf sheet no. 64 of 195	14.7.3 Maintenance Under Warranty Failure by the Bidder to comply with the above-mentioned timelines, shall attract a penalty @ Rs. 1000 per hour limited to 10% of the Contract Value. Penalty amounts shall be recovered from the amounts due to Bidder or by invoking the Contract Performance Bank Guarantee submitted by Bidder against this Contract will be capped to maximum of 10% of the Contract value. Overall penalty including LD cumulatively will be 10% of the contract value.	Penalty not acceptable.	Tender Terms & Conditions shall prevail
22	Project Specifications	pdf sheet no. 65 of 195	14.9 Database modification during Warranty Period All database modification major or minor (including new bay, new station inclusion and new equipment/device) is in the scope of the bidder, after the system handover and during the warranty period. The Scope covers RTU configuration and necessary changes for control center communication. It is bidder's responsibility to provide resources as and when required by the purchaser for these changes and testing of the same as per the project and planned activity schedule. One of the examples of Configuration changes/modification are as mentioned below: a. Addition/Deletion of 33/11 kV Bays b. Addition of Auxiliaries Tags c. Addition/ Deletion of System/IEDs/Devices/SCADA enabled equipment/sensors d. Reconfiguration of RTU for new Control Centers	We understand that Database modifications is apart of the AMC and AMC is not asked in the BOQ and not considered.	As per RFP .
23	Project Specifications	pdf sheet no. 65 of 195	15.0 Training	Training for 10 mandays shall be provided as per the Price Schedule. To & fro, local conveyance and accommodation charges of trainee engineer shall be in TP Odisha scope.	As per RFP .
24	Project Specifications	pdf sheet no. 69 of 195	17.0 Spares	Start-up Spares and Recommended spares not in scope and shall not be supplied.	As per RFP document(Kindly refer BOM mandatory spares)
25	Chapter # 1 RTU Specification	pdf sheet no. 79 of 195	1.31 Input / Output Requirement a. Hot replacement of all I/O modules	The Hot Swap Feature poses risk of Safety for the personnel doing maintenance. In addition to that also it may lead to malfunction of device if the activity is not properly and carefully carried out. So, we do not recommend for the same. Kindly accept.	Need to discuss with other discoms .

26	Chapter # 3 Modem	pdf sheet no. 114 of 195	1.5 SIM card section: 1.5.1 Cellular router should have dual SIM provision. Dual SIM for network redundancy /backup. Dual SIM operation ensures that the cellular connection is always available. It will automatically disconnect the 1st SIM card's low/weak cellular connection and will reconnect to establish a stronger connection using the 2nd SIM card.	We shall offer 1 No. 4G Modem per Grid without any SIM and subscription facility.SIM & Subscription shall be taken care by TPCODL.	Modem not required
27	Chapter # 1 RTU Specification	pdf sheet no. 85 of 195	1.36 Time Synchronization a. RTU time synchronization shall be through GPS clock via communication ports on SNTP or over the Communication protocol from master (IEC 60870-5-104).	We understand that GPS clock is existing and not in scope of this tender.	OK
28	Annexure – 8: Indicative Bill of Material for Proposed Substation Automation System Information to Bidder:	pdf sheet no. 193 of 195	10. Bidder to ensure that all the product own and sub-vendor product offered are tested at CPRI Lab for cyber security as per the Guidelines of MoP Order No.25-L7 /6/2018-PG dated 2nd July, 2020	This order si applicable for Imported items. Our offered RTU is a Make in India prodcut,so the mentioned clause in not applicable.Pls acknowledge.	As per RFP .
29	Project Specifications	pdf sheet no. 61 of 195	14.1 Maintenance Performance Requirement Purchaser envisaged that all offered equipment shall not require routine or planned maintenance. Therefore, no fans or moving parts shall be used in any of the system to avoid any need for maintenance. To ensure this, all the supplied equipment should be constructed to resist the entry of Dust, Water etc. A single technician shall be able to remove and replace for repair purposes, without special tools and test equipment, all equipment involved in the offered system. Restoration of equipment to full operational use shall be possible within 15 minutes (nominally) of repairs being completed. It should not be necessary to dismantle (remove multiple pieces of) the system in order to replace a module.	We understand that fan module is not required in RTU cabinet.	As per RFP .
30	Project Specifications	pdf sheet no. 61 of 195	14.2 Service Life Purchaser prefers that the equipment shall be capable of complying with this standard, including performing its intended purpose, for a minimum of 10 years from the date of commissioning.	After warranty period, support shall be extended thorough functionally equivalent item on chargeable basis.	As per RFP .
31	Chapter # 1 RTU Specification	pdf sheet no.76 of 195	1.12 Should provide latest Microsoft Windows based maintenance and configuration tools. The tools should have functionality of both remote and local access.	We shall supply 3 no. RTU configuration licenses. Each license shall be installed in each laptop asked in the BOQ.	Need to discuss with other discoms .
32	Price Schedule; S.No.1b		Pre-Wired RTU Panel Communication Ports per RTU :4x Redundant Ethernet ports; 4 Nos. Ethernet ports/Processor Module (Both Ethernet Port for simultaneous communication with Control Centre SCADA over IEC60870-5-104 Protocol and IEDs in the Substation over IEC61850 and Modbus TCP Protocol), 4 Nos. Redeundant RS 485 ports/Processor Module for communication with serial devices over IEC60870-5-103, MODBUS (Serial) and IEC 60870-5-101 protocol with the RTU.	We understand that RTU requirement at S.No.1b is without any DI/DO/AI module. Kindly clarify.	OK
33	Chapter # 1 RTU Specification	pdf sheet no.88 of 195	1.43 Layer 2 Industrial Grade Managed Ethernet Switch	Ethernet switch suitable for 19" rack mounting also accpetable. Kindly confirm.	Please refer BOM(SI no 3).Rack mounting also acceptable.
34	Price Schedule; S.No.C	Mandatory Spares	RTU Chassis RTU Rack without panel as per Proposed Solution with all CPU & Communication Modules, Application s/w, licenses, accessories, cables etc.	RTU Chassis and RTU rack not applicable for SIEMENS make RTU and shall not be offered. Kindly confirm.	As per RFP .IF chassis and rtu rack is not there bidder should prvide all the other spares .