

## CENTRALIZED CONTRACTS GROUP

## Response to Pre-Bid Queries

Dt: 01.08.2023

NIT No.: TPCODL / CCG / 23-24 / 027

**Tender Description:** Rate Contract for Supply of ISOLATOR 33KV 1250A at TPCODL, TPWODL, TPSODL & TPNODL

The pre-bid queries as received against the referred tender enquiry and CCG/CEQG (TP-Odisha) responses on the same are placed below:

S. No.	Tender Reference	Description as per Tender Doc.	Pre-Bid Query raised by Bidder	CCG/CEQG (TP-Odisha) response
<b>ISOLATOR 33KV 1250A MOT DOUB BRK W/O ES</b>				
1			Operating mechanism of Isolator is Motor operated or Manual operated <b>(Please confirm)</b>	Manually Operated with Aux. contacts block, Solenoid coil & castle key interlock etc. as per specifications.
2	Page No. 34 of technical specification attached in the tender document	Clause No: 5.7 As per specification it is mentioned that the cabinet shall be suitable for mounting on support structure.	BA wants to know if the support structure shall be in BA scope <b>(Please Clarify)</b>	Support Structure is not in BA scope
3	Page No. 30 of technical specification attached in the tender document	Clause No: 4 GTP (Point No 21) It is mentioned that the Cantilever Strength Support shall be 700 Kg	BA wants to know the required Cantilever strength of Insulator <b>(Please confirm)</b>	Shall be Sufficient to provide required mechanical strength to complete Isolator assembly. Bidder to provide same in GTP & shall be discussed during detailed engineering.
4	Page No. 30 of technical specification attached in the tender document	Clause No: 4 GTP (Point No 23) It is mentioned that the thickness of sheet metal shall be 3mm for the Control Cabinet.	As per GTP, Sl. No. 23 the material of the Control Cabinet Box is mentioned as "3mm thick Stainless steel". BA has supplied isolators upto 245kV with 3mm thick Aluminium boxes to all Electricity Boards including OPTCL and power utilities like PGCIL and NTPC. Hence, they have requested to accept Aluminium Cubicle with 3mm thickness or 1.5mm thickness with stainless steel. <b>(Please clarify)</b>	Shall be made of SS with 2mm thickness.

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5	<b>3.9 Type Tests, Page - 14</b>	The type tests specified in TPCODL/TPNODL/TPSODL/TPWODL 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.	As per Document - "Guidelines for Validity Period of Type Test(s) conducted on major electrical equipment in Power Transmission system" - By CEA Page 6 viii Isolator Typetest validity of 10 years	Validity of Type test reports shall be 5 years as per CEA 2021 Guideline for Distribution System 33kV & below
6	<b>5.1 General Arrangement Technical Specification</b>	Size of base channel shall be 100 mm X 50 mm.	Kindly confirm for 11kv Isolator Channel size 75 X 40mm For 33kv Isoaltor Channel Size 100 X 50 mm	Shall be as per technical specification, for any further optimization design calculation to be provided during detailed engineering
7	5.5 Insulator Technincal Specification	Material : Porcelain Conformance: Shall conform to 1S:2544 and/or IEC-61109	As IEC 61109 is applicable, Polymer Type Insulator can also be used	Shall be as per technical specification
8	<b>4. GUARANTEED TECHNICAL REQUIREMENTS Point 13</b>	a). Operating mechanism: I. Isolator: Motorized/Manual & b). Gear Box and Control Wiring for Motorized Operation (To be decided during Tendering Stage)	Kindly Confirm Motorized Mechanism Required	Manually Operated with Aux. contacts block, Solenoid coil & castle key interlock etc. as per specifications.

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<b>ISOLATOR 33KV 1250A DOUBLE BREAK W ES</b>				
1			Operating mechanism of Isolator is Motor operated or Manual operated <b>(Please confirm)</b>	Manually Operated with Aux. contacts block, Solenoid coil & castle key interlock etc. as per specifications.
2	Page No. 34 of technical specification attached in the tender document	Clause No: 5.7 As per specification it is mentioned that the cabinet shall be suitable for mounting on support structure.	BA wants to know if the support structure shall be in BA scope <b>(Please Clarify)</b>	Support Structure is not in BA scope
3	Page No. 30 of technical specification attached in the tender document	Clause No: 4 GTP (Point No 21) It is mentioned that the Cantilever Strength Support shall be 700 Kg	BA wants to know the required Cantilever strength of Insulator <b>(Please confirm)</b>	Shall be Sufficient to provide required mechanical strength to complete Isolator assembly. Bidder to provide same in GTP & shall be discussed during detailed engineering.
4	Page No. 30 of technical specification attached in the tender document	Clause No: 4 GTP (Point No 23) It is mentioned that the thickness of sheet metal shall be 3mm for the Control Cabinet.	As per GTP, Sl. No. 23 the material of the Control Cabinet Box is mentioned as "3mm thick Stainless steel". BA has supplied isolators upto 245kV with 3mm thick Aluminium boxes to all Electricity Boards including OPTCL and power utilities like PGCIL and NTPC. Hence, they have requested to accept Aluminium Cubicle with 3mm thickness or 1.5mm thickness with stainless steel. <b>(Please clarify)</b>	Shall be made of SS with 2mm thickness.

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*This document shall be an integral part of the tender and bidder shall submit signed/stamped copy of this document along with technical bid, as a token of acceptance. The tender document stands modified to the extent stipulated herein above in this document. All other terms & conditions shall be strictly followed as per Bid documents.*

*All other terms of Original Tender, remains unaltered.*

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