

CENTRALIZED CONTRACTS GROUP

Response to Pre-Bid Queries
NIT No.: TPCODL / CCG / 23-24 / 100000547

24.01.2024

Tender Description:

RC for Supply of 33 KV & 11 KV Metering Cubicles at TPNODL, TPWODL & TPSODL

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	Pre-Bid Query raised by Bidder	CCG/CEQG (TP-Odisha) response
1	Clause No. 4 (General Technical Requirement) Current Transformer Point No. 20 & Current Transformer Point No. 18 of Specification No. ENG-EHV-1040 - Creepage distance 900mm	This is applicable for outdoor type CTs & PTs as per Point No. B-1.3 on Page 11 Annexure-B of IS-2705/1992 Part -1	Accepted. But Vendor to submit all applicable Type Test Reports on CT & PT : <u>Clearances shall be nowhere less than:</u> <u>11KV</u> Ph-Ph :255 Ph-E:190 <u>33KV</u> Ph-Ph:420 Ph-E:380
2	Clause No. 4 (General Technical Requirement) Current Transformer Point No. 18 & Current Transformer Point No. 18 of Specification No. ENG-EHV-2035 - Creepage distance 300mm	This is applicable for outdoor type CTs & PTs as per Point No. B-1.3 on Page 11 Annexure-B of IS-2705/1992 Part -1	Accepted. But Vendor to submit all applicable Type Test Reports on CT & PT : Clearances shall be nowhere less than: 11KV Ph-Ph :255 Ph-E:190 33KV Ph-Ph:420 Ph-E:380

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S. No.	Tender Reference	Pre-Bid Query raised by Bidder	CCG/CEQG (TP-Odisha) response
3	Clause No. 4 (General Technical Requirement) Current Transformer Point No. 18 & Current Transformer Point No. 18 of Specification No. ENG-EHV-2019 - Creepage distance 300mm	This is applicable for outdoor type CTs & PTs as per Point No. B-1.3 on Page 11 Annexure-B of IS-2705/1992 Part -1	Accepted. But Vendor to submit all applicable Type Test Reports on CT & PT : Clearances shall be nowhere less than: 11KV Ph-Ph :255 Ph-E:190 33KV Ph-Ph:420 Ph-E:380
4	5.2.2 of Specification No. ENG-HV-2019 & ENG-EHV-2035 - The PTs shall be uniform insulating and withstand separate source 28kV Pf for one minute	Since the PTs required single phase, hence uniform insulating and withstand separate source 25kV PF for one minute not possible. It is applicable for 3Phase PT only.	This shall be as per TS.
5	Clause No. 8 of Technical Specification No. ENG-EHV-1040 - TYPE TEST	We will provide the all the type test mentioned in the technical specifications on separate CTs & PTs only. Since no specific Standard mentioned for Metering Cubicle for carry out the type test.	Apart from Type Tests on CT and PT, following Type Tests are to be done on Complete Metering Cubicle: (a) Temp Rise (b) Dielectric Tests (c) STC Test (d) IP Test
6	Clause No. 8 of Technical Specification No. ENG-EHV-2035 - TYPE TEST	We will provide the all the type test mentioned in the technical specifications on separate CTs & PTs only. Since no specific Standard mentioned for Metering	Apart from Type Tests on CT and PT, following Type Tests are to be done on Complete Metering Cubicle: (a) Temp Rise

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		Cubicle for carry out the type test.	(b) Dielectric Tests (c) STC Test (d) IP Test
7	Clasue No. 8 of Technical Specification No. ENG-EHV-2019 - TYPE TEST	We will provide the all the type test mentioned in the technical specifications on separate CTs & PTs only. Since no specific Standard mentioned for Metering Cubicle for carry out the type test.	Apart from Type Tests on CT and PT, following Type Tests are to be done on Complete Metering Cubicle: (a) Temp Rise (b) Dielectric Tests (c) STC Test (d) IP Test
8	Specification No. : ENG-EHV-1040 Specification Name : 33KV (5-400/5A,0.2s CLASS, 15VA CT and 0.2 class, 50VA PT) METERING CUBICLE Clause No. 4 GENERAL TECHNICAL REQUIREMENT: CURRENT TRANSFORMERS SR No. 7 Clause Name: Short time current rating for 1 sec.	For smaller ratios CT upto 10/5A ,STC of 6.4KA for 1sec, becomes difficult to achieve. Kindly consider smaller STC rating for the same.	STC shall be as per TS.
9	Specification No. : ENG-EHV-1040 Specification Name : 33KV (5-400/5A,0.2s CLASS, 15VA CT and 0.2 class, 50VA PT) METERING CUBICLE Clause No. 4 GENERAL TECHNICAL REQUIREMENT:CURRENT TRANSFORMERS SR No. 20 Clause Name: Creepage distance	Mentioned Creepage distance is very High. Kindly review the same.	Accepted. But Vendor to submit all applicable Type Test Reports on CT & PT : Clearances shall be nowhere less than: 11KV Ph-Ph :255 Ph-E:190 33KV Ph-Ph:420

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S. No.	Tender Reference	Pre-Bid Query raised by Bidder	CCG/CEQG (TP-Odisha) response
			Ph-E:380
10	<p>Specification No. : ENG-EHV-1040 Specification Name : 33KV (5-400/5A,0.2s CLASS, 15VA CT and 0.2 class, 50VA PT) METERING CUBICLE Clause No. 4 GENERAL TECHNICAL REQUIREMENT: POTENTIAL TRANSFORMERS SR No. 18 Clause Name: Creepage distance</p>	<p>Mentioned Creepage distance is very High. Kindly review the same.</p>	<p>Accepted. But Vendor to submit all applicable Type Test Reports on CT & PT :</p> <p>Clearances shall be nowhere less than: 11KV Ph-Ph :255 Ph-E:190</p> <p>33KV Ph-Ph:420 Ph-E:380</p>
11	<p>Specification No. : ENG-EHV-1040 Specification Name : 33KV (5-400/5A,0.2s CLASS, 15VA CT and 0.2 class, 50VA PT) METERING CUBICLE Clause No. 5. General Construction: Clause Name: Enclosure Material</p>	<p>Galvanized MS Sheet can not be treated with 7 tank process. Either we can use Galvanized MS sheet and provide Powder coating without treating with 7 tank process OR we can use MS Sheet(Ungalvanized) treated with 7 tank process and then Powder coated. Kindly Confirm.</p>	<p>It shall be as as per TS</p>
12	<p>Specification No. : ENG-HV-2035 Specification Name : 11KV (5-50/5A,0.2s CLASS,10VA CT & 0.2 CLASS ,50VA PT) METERING CUBICLE</p>	<p>For smaller ratios CT upto 10/5A ,STC of 6.4KA for 1sec, becomes deficult to achieve. Kindly consider smaller STC rating for the same.</p>	<p>STC shall be as per TS.</p>

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S. No.	Tender Reference	Pre-Bid Query raised by Bidder	CCG/CEQG (TP-Odisha) response
	Clause No. 4. General Technical Requirement:CURRENT TRANSFORMER Sr No. 10 Clause Name: Short time thermal current rating		
13	Specification No. : ENG-HV-2035 Specification Name : 11KV (5-50/5A,0.2s CLASS,10VA CT & 0.2 CLASS ,50VA PT) METERING CUBICLE Clause No. 4. General Technical Requirement:CURRENT TRANSFORMER Sr No. 18 Clause Name: SCreepage distance	Mentioned Creepage distance is very High. Kindly review the same.	Accepted. But Vendor to submit all applicable Type Test Reports on CT & PT : Clearances shall be nowhere less than: 11KV Ph-Ph :255 Ph-E:190 33KV Ph-Ph:420 Ph-E:380
14	GCC-SUPPLY ORDERS Clause No. 8.0 / SECURITY CUM PERFORMANCE BANK GUARANTEE	BG VALUE SHOULD BE 3% OF THE RELEASE ORDER INSTEAD OF RC	PBG shall be applicable as per Special Conditions of Contract Clause no. 13.1.3
15	GCC-SUPPLY ORDERS Clause No. 8.0 / GUARANTEE PERIOD	GUARANTEE PERIOD SHOULD BE RELAXED TO 18 Months from the date of Dispatch / 12 Months from the date of Execution	Guarantee Period shall be applicable as per Special Conditions of Contract Clause no. 13.1.4
16	Clause No. 20.1 At Serial No. 10. GUARANTEED TECHNICAL PARTICULARS / ENG-EHV-2035 / TECHNICAL SPECIFICATION 11KVCT-PT METERING CUBICLES	STC value will be CT Ratio wise as Detailed below 6.4KA upto 20/5A for 1sec , 13.1KA upto 100/5A for 1Sec , 18.4KA above 100/5A for 1sec	<u>Already mentioned in Specs</u> 6.4KA upto 20/5A for 1sec , 13.1KA upto 100/5A for 1Sec , 18.4KA above 100/5A for 1sec

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S. No.	Tender Reference	Pre-Bid Query raised by Bidder	CCG/CEQG (TP-Odisha) response
17	Tender Document, Page no. 16, Clause no. 10 – Reverse Auctions	<p>Not all the techno-commercially qualified bidders will be allowed to participate in Reverse Auction.</p> <p>Please review and confirm.</p>	<p>No. of bidders allowed to participate in RA process shall be as mentioned in Tender Document, Page no. 16, Clause no. 10 – “Reverse Auctions”.</p> <p>Hence, bidders are advised to quote their most competitive rates while submitting the bids to avoid disqualification from participation in Reverse Auction.</p>

Note:

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 only to the extent stipulated herein above in this document. All other terms & conditions shall be strictly followed as per Bid documents.