

Format for Pre-Bid Queries

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| Tender Reference No | TPCODL/P&S/100000229/2022-23 |
| Tender Name | Supply of Isolator |
| Bidder Name : | |

Note : Pre-Bid Query has to be sent in editable Excel file format only

| Sr. No. | Detailed Reference to TPCODL Technical Document. Please specify Document No / Clause No / Page No | Description as per Bid Document | Remarks - Query / Clarification | TPCODL Response |
|--|---|---|--|--|
| 1 | Annexure 1 (Schedule of items Lot wise),Pg 15 of 86 , LOT 1- 11KV | i) 11KV 800A ISOLATOR W/O E/S | i) Should we consider Control voltage/auxiliary voltage to be 24 V DC or not? ii) Insulator should be made of porcelain or polymer? iii) Short time current rating shall be 25KA for 3 sec or 26.3KA for 3 sec? | i) Control Supply 48 VDC or 24 VDC (To be decided during Detailed Engineering) ii) Insulators shall be Porcelain iii) 11KV 25KA for 3 Sec / 62.5KAp 33KV 26.3KA for 3 Sec / 66KAp |
| ii) 11KV 800A ISOLATOR WITH E/S | | i) Should we consider Control voltage/auxiliary voltage to be 24 V DC or not? ii) Insulator should be made of porcelain or polymer? Short time current rating shall be 25KA for 3 sec or 26.3KA for 3 sec? | i) Control Supply 48 VDC or 24 VDC (To be decided during Detailed Engineering) ii) Insulators shall be Porcelain iii) 11KV 25KA for 3 Sec / 62.5KAp 33KV 26.3KA for 3 Sec / 66KAp | |
| iii) ISOLATORS 11KV 400AMP 25KA WITHOUT ES | | i) Should we consider Control voltage/auxiliary voltage to be 24 V DC or not? ii) Insulator should be made of porcelain or polymer? iii) Short time current rating shall be 25KA for 3 sec or 26.3KA for 3 sec? | i) Control Supply 48 VDC or 24 VDC (To be decided during Detailed Engineering) ii) Insulators shall be Porcelain iii) 11KV 25KA for 3 Sec / 62.5KAp 33KV 26.3KA for 3 Sec / 66KAp | |
| iv) ISOLATORS 11KV 1250A WITH ES(POLYMER) | | i) Should we consider Control voltage/auxiliary voltage to be 24 V DC or not? ii) Insulator should be made of porcelain or polymer? iii) Short time current rating shall be 25KA for 3 sec or 26.3KA for 3 sec? | i) Control Supply 48 VDC or 24 VDC (To be decided during Detailed Engineering) ii) Insulators shall be Porcelain iii) 11KV 25KA for 3 Sec / 62.5KAp 33KV 26.3KA for 3 Sec / 66KAp | |
| 2 | Annexure 1 (Schedule of items Lot wise),Pg 15 of 86 , LOT 2- 33KV | i) ISOLATORS 33KV 1250A 25KA SINGLE ES | i) Should we consider Control voltage/auxiliary voltage to be 24 V DC or not? ii) Insulator should be made of porcelain or polymer? | i) Control Supply 48 VDC or 24 VDC (To be decided during Detailed Engineering) ii) Insulators shall be Porcelain iii) 11KV 25KA for 3 Sec / 62.5KAp 33KV 26.3KA for 3 Sec / 66KAp |
| | | ii) ISOLATOR SINGLE 33KV 1250A W/O E/SW COMP 24V DC | i) Should we consider Control voltage/auxiliary voltage to be 24 V DC or not? ii) Insulator should be made of porcelain or polymer? | i) Control Supply 48 VDC or 24 VDC (To be decided during Detailed Engineering) ii) Insulators shall be Porcelain iii) 11KV 25KA for 3 Sec / 62.5KAp 33KV 26.3KA for 3 Sec / 66KAp |
| 3 | DOC NO : ENG-ELC-013 Pg no 9 of 24 | CLAUSE NO : 5.7Manual Operating Mechanism:Control Cabinet of Isolator or earth switch Material: Stainless Steel | Can we provide Mild steel / Aluminum material inplace of Stainless Steel? | It shall be as per Tender Specs |
| 4 | DOC NO : ENG-ELC-013 Pg no 6 of 24 | CLAUSE NO : 4 .GUARANTEED TECHNICAL REQUIREMENTS : 33 KV Point No.30: Minimum Clearance in Air (mm) Between Poles of the same Phase (Centre to Centre) : 440 | As per our design, we consider the Centre to Centre distance of 33 KV Isolator as 460 mm. Please confirm us whether we can consider 460mm in place of 440mm. | Higher Clearance is accepted. Design has to to be Type Tested |
| 5 | DOC NO : ENG-ELC-013 Pg no 6 of 24 | CLAUSE NO : 4 .GUARANTEED TECHNICAL REQUIREMENTS : 11 KV Point No.30 :Minimum Clearance in Air (mm) Between Poles of the same Phase (Centre to Centre) : 300 | As per our design, we consider the Centre to Centre distance of 11 KV Isolator as 380 mm. Please confirm us whether we can consider 380 mm in place of 300mm. | Higher Clearance is accepted. Design has to to be Type Tested |
| 6 | DOC NO : ENG-ELC-013 Pg no 5 of 24 | CLAUSE NO : 4 .GUARANTEED TECHNICAL REQUIREMENTS Point No.26: The moving arm and current carrying contacts/joints to be covered in box type arrangement | As per our design, our moving arm is properly plated and in open condition and current carrying finger contacts are well situated in the L-U shaped Fixed Contact. Our design is more secure. In your given sample drawings there is also no provision for box type arrangement .Please clarify us the same. | Drawing is only for Tendering purpose. Box type arrangement is not required not required |