

Format for Pre-Bid Queries Response

Tender Reference No	TPCODL/P&S/100000093/2020-21
Tender Name	Rate Contract for Supply of 11kV & 33kV Polymer Insulator with Hardware Fittings
Bidder :	

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	2	3	4	5
Package-1				
1	Page No 90, ENG-EHV-26, Pg 3/9 Sr. No 6, (b) Doc No:	Minimum Failing Load	Please confirm minimum failing load 10KN is bending load or tensile load	10 KN is Tensile load.
2	Page No 90, ENG-EHV-26, Pg 3/9 Sr. No 6, © Doc No:	Dia of FRP Rod	Dia of FRP mentioned 24mm, if you require minimum failing load i.e bending load 10KN then minimum FRP dia required is 33.5 mm. Bending load 10KN is not possible with 24mm FRP.	Dia of FRP should be 24mm, with Minimum failing load 10KN.
3	Page No 90, ENG-EHV-26, Pg 3/9 Sr. No 6, © Doc No:	No. of weather sheds (min)	No. of weather sheds (min) mentioned 8 Nos.	No. of weather sheds mentioned 8 Nos of 110 mm dia.
4	PAGE NO- 116 DOCUMENT TITLE- Specification for B&S type Hardware fitting 70KN & 90KN, DRAWING- 70KN 3 BOLTED HARDWARE FITTINGS	SIZE OF "U" BOLT NOT MENTIONED IN DRAWING OF 70KN 3 BOLTED HARDWARE FITTINGS	KINDLY CONFIRM THE SIZE OF " U " BOLT.	M16
5	PAGE NO- 100 DOCUMENT TITLE- SPECIFICATION FOR 33 KV POLYMER DISC INSULATOR, CLAUSE NO.6 (b) Other Physical & Dimensional requirements	Dia of Weather Sheds- 110 mm	As per Manufacturer Design 100mm will be provided & as per IS recommendation manufacturer can maintain their standard according to their design which will be suitable for us. Kindly consider & confirm.	To have standardization in the design of the material used across TPCODL, we recommend to stick to the size mentioned. Refer Page : 100, Serial no. 6(b) - for 33KV Polymeric Disc Insulator, Dia of weather sheds should be 110mm
6	NIT No:TPCODL/P&S/154/20-21/ANNEXURE H/PAGE No:68-71	VENDER APPRAISAL FORM	Please clarify wheather Annexure-H will be filled up by the Bidder(Authorised Dealer) or by the Manufacturer.	Shall be filled by OEM in case of original manufacturer and in case of authorized channel partner shall be filled by dealer only
7	ENG-HV-006. Clause -5 - (p). Page no -147	Thread length of bottom end fitting minimum - 110mm minimum	As per REC fabricated item design it should be minimum -135mm for proper fitting on v - cross arms	Refer Page : 124, In 11KV Polymeric Pin Insulator, Thread length of bottom end fitting minimum - 110mm minimum.
8	ENG-HV-006. Clause -5 - (o). Page no -	Dia of FRP Rod -24mm	In tender item description, the Dia of FRP is 20mm , plz clarify. It should be 24mm to achieve 5KN mechanical load.	Refer Page : 124, In 11KV Polymeric Pin Insulator, technical details mentioned in page no. 124 shall be followed.
9	ENG-HV-011, Clause -5(w)	Dia of weather shed -100mm	As per IEC 61109 -The Dia of Weather Sheds should be as per type test reports value and design of manufacturer to accheive required creepage.	To have standardization in the design of the material used across TPCODL, we recommend to stick to the size mentioned. Refer Page : 147, In 11KV polymeric Disc Insulator 70KN, Dia of weather shed to be 100mm. Creepage 320 mm.
10	ENG-HV-25, Clause -13, POINT 3 & 6	ACCEPTANCE TEST - 3) Mechanical Test (Slip Strength Test) and 6) Chemical Composition test	The hardwares fitting for poylmer insulators are outsource item for us. We cann,t carried out the Mechanical Test (Slip Strength Test) and Chemical Composition test at our plant. however we can provide type test reports from NABL Lab for same.	Refer Page : 136, in case of B&S type Hardware fitting 70KN & 90KN ACCEPTANCE TEST - 3) Mechanical Test (Slip Strength Test) and 6) Chemical Composition test is mandatory. Also, Refer Clause -20 MINIMUM TESTING FACILITIES Bidder shall have adequate in house testing facilities for carrying out All Routine tests & Acceptance tests as per relevant International / Indian standards 2486 part 1 cl. 10.4

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Package-2	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	Page No 16, Annexure I & Page No 124 , Doc : ENG-HV-006, Page 4 of 10, Sr. No (o)	Annexure I	Page No 16 item name 11kv pin insulator is mentioned with 20mm FRP and where as in the Page No 124 Technical Specification i.e GTP sr. no (o) it is mentioned dia of FRP 24mm. Please confirm dia of frp 20mm or 24mm.	Refer Page no : 124 - 11KV Pin Insulator FRP Dia is 20mm
2	ENG-EHV-031. Clause N0 -6 - b Other Physical & Dimensional requirements	Dia of Weather Sheds -110mm	As per IEC 61109 -The Dia of Weather Sheds should be as per type test reports value and design of manufacturer to accheive required creepage.	Refer Page no : 100 - 33KV Disc Insulator -Dia of Weather Sheds -110mm
3	ENG-EHV-26, Clause N0 -6 - e Other Physical & Dimensional requirements	Dia of Weather Sheds- 110mm	As per IEC 61109 -The Dia of Weather Sheds should be as per type test reports value and design of manufacturer to accheive required creepage.	Refer Page no : 90 - 33KV Pin Insulator -Dia of Weather Sheds -110mm
4	ENG-EHV-26, Clause N0 -6 - k Other Physical & Dimensional requirements	Thread length of bottom end fitting - 130mm	As per REC fabricated item design it should be minimum -150mm for proper fitting on v - cross arms	Refer Page no : 90 - 33KV Pin Insulator -Thread length of bottom end fitting - 130mm