

**FORMAT B.1****Format for Technical Pre-Bid Queries****Tender No** TPSODL/OT/2021-22/042**Package Name** Rate Contract for Supply of FRP V Cross Arm**Bidder :**

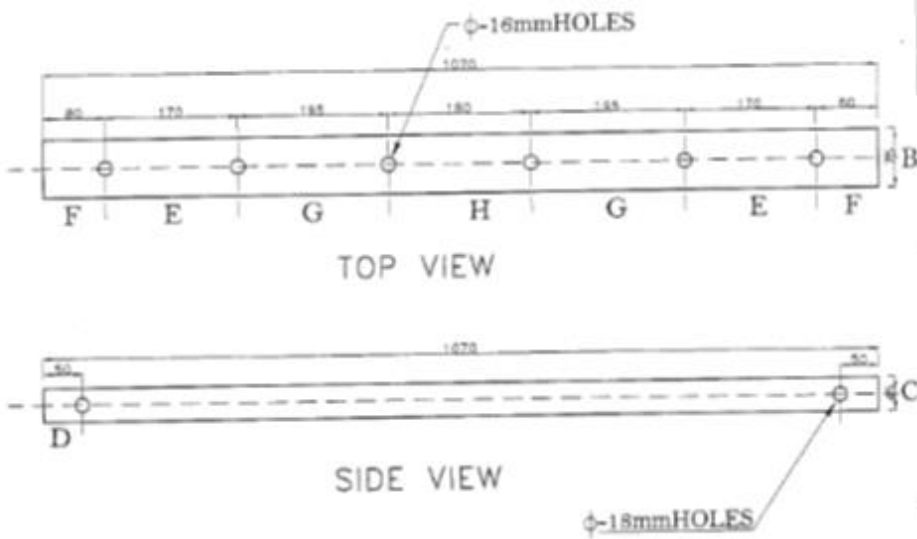
**Note :** The said format to be used only for Technical Pre-Bid Query. Any Commercial Query has to be strictly in Format B2 Format for Commercial Pre-Bid Query and sent separately  
Format to be used for query regarding Technical Pre-Qualification Requirement, Safety Pre-Qualification Requirement, Technical Set of Document

**Pre-Bid Query has to be sent in editable Excel file format only****Pre-Bid Query has to be sent through e-mail in TPSODL E-Tender System**

Sr. No.	Detailed Reference to TPSODL Technical Document. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	TPSODL Response
1	2	3	4	5
1	Clause No.13 (Tender Sample) of Technical Specifications	The bidder shall supply 1 sample of FRP Cross Arm at the time of offer submission in tender at Plant Engineering Department	Tender sample submission is required or not. If required then please share the detailed address is not given for submission of Tender sample, please clarify	"TPSODL Engineering Dept. TP Southern Odisha Distribution Ltd.(TPSODL) Kamapally, Courtpetta, Berhampur,Ganjam,Odisha,India Pin:760004"
2	Clause No.1.7.3 (Qualification Criteria)	Bidder Should submit required testing certificate as per the TPSODL technical specification, (if any). Bidder must submit self-undertaking in this regard.	In this clause which type of Testing certificate required (Calibration certificate of testing equipment or Type test reports for the tendered item)	Refer to clause no- 7.1 & 8.0 of technical specification ENG-C-65.
3	Clause No.4 (Technical specifications)Point No.17, Page No.28	Glass Content 65%	Generally FRP V Cross Arm made out of with Glass Content 25% to 30% Max. It may be accepted as can't be made of 65% & no need, so please amend the same in TS and required Type Tests also.	Specification to be complied
4	Drawing Page No.36	The holes distance (c-c) for clamp, as per drawing it should be 275 mm	We can provide holes distance (c-c) 230mm as it is generalized by other customers for the same & may be accepted also it is suitable for pole mounting.	Our requirement is only FRP Cross arm for installation of distribution boxes at pole, not V Cross Arm (Drawing Enclosed)
5	Drawing page No.35,36		As per your tender drawing, you have asked for separate support bar (as per page no. 35 & 36 drawing) where we suggest that you please amend the same with single moulded piece of FRP V Cross Arm. Should be in single moulded piece with support bar (also we can provide the drawing for the same if asked)	Our requirement is only FRP Cross arm for installation of distribution boxes at pole, not V Cross Arm (Drawing Enclosed)
6	Drawing page No.35,36		You have not asked for the Top hamper. Any where in specs & drawing same may also be incorporated	Our requirement is only FRP Cross arm for installation of distribution boxes at pole, not V Cross Arm (Drawing Enclosed)
7	Drawing page No.35,36, Annexure-I (Schedule for items)		In tender docs the two different items drawing given, However BOQ is given for single item. Please clarify the required item.	Our requirement is only FRP Cross arm for installation of distribution boxes at pole, not V Cross Arm (Drawing Enclosed)
8	In reference to clause 19.0- Sr. No. 17	Glass Content Requirement is 65%	We request you to amend Glass Content Requirement as Min. 55%, please mention Manufacturing Process herewith because it is not achievable in SMC	Specification to be complied
9	clause 13.0	In reference to clause 13.0 for sample Submission, which states to supply One No. of sample of 'FRP Cross Arm' at the time of offer submission in tender at Plant Engineering Department.	Please allow us to submit at the time of Technical Evaluation/after LOA	Specification to be complied

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### FRP CROSS ARM FOR LT (1.1kV)



Cross Arm dimensions in mm.	A	B	C	D	E	F	G	H
	1070	75	45	50	170	80	195	180

- NOTE-
1. All dimensions are in mm.
  2. Material FRP. (Resin mixed)
  3. All holes shall have rush-resistant ferrules.
  4. End caps to be provided on both ends.
  5. Min. thickness of FRP Cross Arm shall be 4 mm with no negative tolerance

Initiator		Approver	
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