

**FORMAT B.1**

**Format for Technical Pre-Bid Queries**

**Tender No**      **TPSODL/OT/2021-22/028**

**Package Name**    **Rate Contract for Earthing device GI Pipe to TPSODL**

**Bidder :**

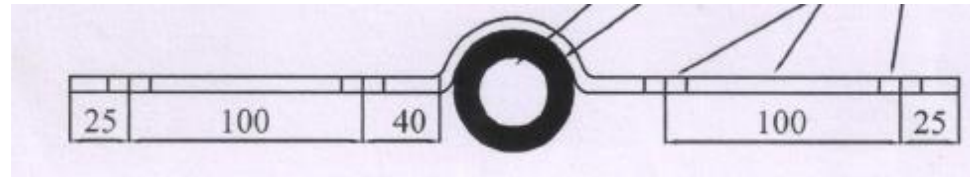
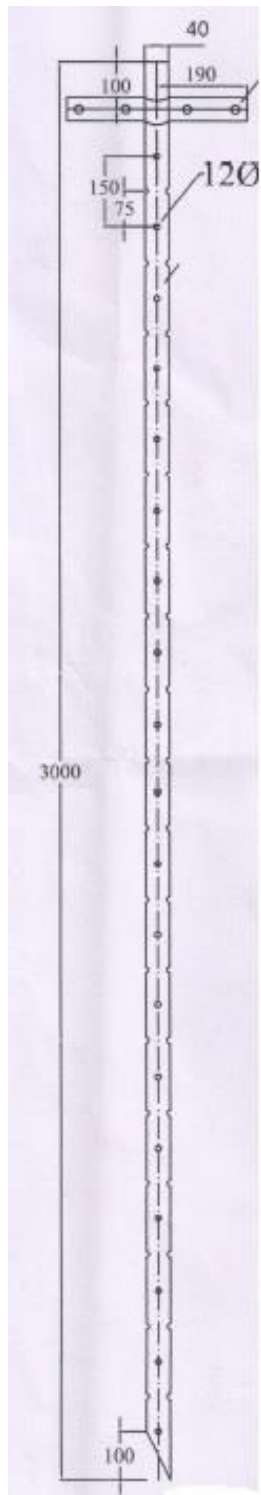
**Note :**                 The said format to be used only for Technical Pre-Bid Query. Any Commercial Query has to be strictly in Format B2 Format for Commercial Pre-Bid Query and sent separately

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	ENG-HV-2001, Page No: 6 of 7	Constructional drawings are attached as annexure-I, annexure-II, annexure-III should be followed for fabrication.	Kindly Provide the Drawings & whether the Pipe should welded with 50X3 Flat / 50X6 Flat and Cone is required or not to be specified for clarification.	<b>supply as per attached drawing.</b>
2	ENG-HV-2001, Page No: 6 of 7	Constructional drawings are attached as annexure-I, annexure-II, annexure-III should be followed for fabrication.	annexure-I seems to be missing.	<b>Drawing Attached</b>
3	ENG-HV-2001, Page No: 6 of 7	Constructional drawings are attached as annexure-I, annexure-II, annexure-III should be followed for fabrication.	Any Bolts & Nuts supposed to be supply with GI Earthing Pipes or not.	<b>Drawing Attached</b>
4				
5				
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8				
9				
10				



Bill of Material		
Sr. No.	Description	Qty
1	GI Clamp for Earth Pipe	2 Nos. each
2	Bolts & Nut with spring Washer	4 Nos. each

#### Technical Specification of GI Earth Pipe:

- Galvanization minimum 120 micron
- IS 3043 (1987)- Code for practise of Earthing
- Circular Hole Size of perforation: 12mm Dia
- Clamp: GI Clamp size- 50x6 mm, Weight 0.5 kg. Nut size diameter for clamp to be suitable to fix Al. socket of 70mm (having hole diameter of 10.2 mm)
- Weight of Earth Pipe/Electrode- 13 kg minimum (without clamp)
- Short Circuit Withstand Test on Earth electrodes: It should be capable of withstanding short time current of 20 KA (rms) for 1 second. Type test also to be submitted