

Consolidated replies for Technical Pre-Bid Queries

Tender No TPSODL/OT/2021-22/041

Package Name Rate Contract for Supply of Polycarbonate meter box at TPSODL.

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 4 of GTP of Technical specification Single Phase Hinge Type Meter Box	Size of the box is mentioned 300*250*120 mm whereas in clause 5.5 of Technical specification Single Phase Hinge Type Meter Bo, the size of the box is mentioned as 205*160*85 mm.	Please clarify exact size of the Box (Dimensions) with tolerance	Size of the box should be minimum 205*160*85 mm. Adequate clearance to be maintained as per technical specification.
2	clause 4, s.no 11 of GTP of Technical specification Single Phase Hinge Type Meter Box	Two nos. GI Hinges having 1.2 mm thickness and Minimum length 30 mm	Please clarify Hinge type box required or Push fit Type Box required	The requirement for single phase meter box is for Hinge Type meter box. Box should be aligned as per OEM meters of reputed make. While clearing manufacturing clearance/CAT - A drawing meter specific dimensions shall be shared.
3	clause 5.5 of Technical specification Single Phase Hinge Type Meter Box	Push Button 1 Nos	Please clarify Push button and provision for optical port required or not	Meter Top Cover Should have Push button & Optical port groove and same shall aligned with meter. Bidder shall undertake that alignment shall be done as per actual meter OEM during manufacturing clearance.
4	Document : TECHNICAL SPECIFICATIONS (ENG-LV-53A),Dated:01.03.2021 Clause : 5.4 GENERAL TECHNICAL REQUIREMENTS Page 3 of 13	In Pg 3 of 13 Preferred Size of the box HxLxD in mm 300x250x120 In Pg 4 of 13 , Clause 5.4 HxLxD 205X160X85 mm	i) Please confirm different single phase meter drg with dimensions so that suitable meter box can be choose considering overall clearance. ii) Please clarify clearance between end of Terminal Block & Meter Box	Size of the box should be minimum 205*160*85 mm. Adequate clearance to be maintained as per technical specification.
5	Document : TECHNICAL SPECIFICATIONS (ENG-LV-53A) Clause : 5.4 GENERAL CONSTRUCTION Page 4 of 13	Push Button 1 Nos	Providing push button is not possible as different make of meters will require different placing of Push Button which is not practicle. Please confirm.	Meter Top Cover Should have Push button & Optical port groove and same shall aligned with meter. Bidder shall undertake that alignment shall be done as per actual meter OEM during manufacturing clearance.
6	Document : TECHNICAL SPECIFICATIONS (ENG-LV-53A) Clause : 5.3 GENERAL CONSTRUCTION Page 4 of 13	The meter shall be mounted with the help of MS plate such that it is centrally placed in the box and there is clearance of 50 mm between the meter box and top of thecover. A minimum clearance of 50 mm shall be maintained on both sides, between meter and box. The overall minimum dimensions of meter box shall be 205X160X85 mm	For Provision of common mounting arrangements required all meter drg with dimensions,However MS Plate for mounting is genuinely required or not that to be revalidate by TPSODL	Technical Specification to be complied however box should be aligned as per OEM meters of reputed make. While clearing manufacturing clearance/CAT - A drawing meter specific dimensions shall be shared.

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7	Document : TECHNICAL SPECIFICATIONS (ENG-LV-53A) Clause : 5.5 GENERAL CONSTRUCTION Page 4 of 13	The design of the meter box shall be such as to easy facilitate easy wiring and access to meter terminals. Nylon gland of internal diameter of approx. 25 mm shall be provided for I/C and O/G cables of size 2Cx4/10 sq.mm or as approved by purchaser. The holes for I/C and O/G cables shall be provided in left and right side of meter box at bottom. Gland position shall be on the side of the meter box and inclined downward so that water ingress should not be there	With the reduction in overall size of the box please confirm whether there will be change in Gland size also.	Position of Glands shall be on the lower ends of the side of the meter box, inclined downward to avoid ingress of water.
8	Document : TECHNICAL SPECIFICATIONS (ENG-LV-53A) Clause : 5.8 GENERAL CONSTRUCTION Page 5 of 13	After closing and sealing the meter box, it shall not be possible to forcefully enter any sharp object inside the box without breaking base/cover. Suitable overlapping (20 mm) shall be provided between base and cover to avoid access to the meter or its accessories inside the meter box by any means after sealing the box	With the reduction in overall size of the box please confirm whether there will be change in overlapping dimensions also.	Technical Specification to be complied.
9	Document : TECHNICAL SPECIFICATIONS (ENG-LV-53) Clause : 5.9 GENERAL CONSTRUCTION Page 5 of 13	Box shall be provided with 1 no. earthing nut and bolt of size M8x35 mm on the left hand side in the base of meter box for providing earth connection. The earth terminal shall be identified by means of the sign ,marked in a legible manner on or adjacent the terminal.	With the reduction in overall size of the box please confirm whether there will be change in earthing Bolt size & location	Technical Specification to be complied.
10	Page No. 26 & 27	General Technical Parameters	Two types of dimensions id given in the technical specification. Please confirm what is the exact required size.	Size of the box sould be minmum 205*160*85 mm. Adequate clearence to be maintained as per technical specification.