

FORMAT B.2

Pre-Bid Clarification


Tender No TPCODL/P&S/100000083/2021-22

Package Name RATE CONTRACT FOR SUPPLY OF HARDWARE ITEMS FOR ELECTRICAL DISTRIBUTION NETWORK- LT & HT

Note :

Sr. No.	Detailed Reference to Tata Power Tender Document. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Tata Power Response
1	2	3	4	5
1	Packages-3- POLE CLAMP Technical specification of LT POLE CLAMP FOR FIXING I HOOK	2 types of drawing is provided TYPE A & TYPE B	which type is required	Both are required as per site conditions.
2	Pakages -3 - EYE HOOK technical specification of eye hook	Scope- This specification covers the technical requirements of design, manufacture, test at manufacturer's works, packing & forwarding, supply and unloading of bolted type eye hook at stores/site for efficient and trouble free operation	drawing is provided for Flat type EYE HOOK If flat type is required than load required is 20 Kn,which much higher than the load required for its hardware which is 12 KN	Eye Hook shall be flat type with minimum UTS 20 KN.We have highest size cables of 4CX150+1CX150+1X16 SQMM for which higher UTS strength AB cable accessories are required.
3	PACKAGE 3 - DEAD END CLAMP	Two type of GTP & Drawing of dead end is provided .i.e 25-70 sqmm & 70 - 150 sqmm	which type is required	For Messenger size upto 50 Sqmm - 25-50 sqmm type dead end clamp shall be used. For Messenger size 70 sqmm or higher- 70-150 sqmm type dead end clamp shall be used.
4	PACKAGE 3 - SUSPENSION CLAMP	Tensile strength required is 40 kn for suspension clamp for 150 sqmm messenger wire.	It should not be more than 20 kn	Tensile strength required is 40 kn for suspension clamp for 150 sqmm messenger wire.We have highest size cables of 4CX150+1CX150+1X16 SQMM for which higher UTS strength AB cable accessories are required.
5	PACKAGE 3 - SUSPENSION CLAMP	Two type of GTP & Drawing of suspension clamp is provided .i.e 25-70 sqmm & 70 - 150 sqmm	which type is required .	For Messenger size upto 50 Sqmm - 25-50 sqmm type suspension clamp shall be used. For Messenger size 70 sqmm or higher- 70-150 sqmm type suspension clamp shall be used.

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6	PAGE NO- 16, ANNEXURE I , Schedule of Items,	PACKAGE-1 2. INSULATOR STAY 11 KV (EA) 3. INSULATOR STAY HT(EA) PACKAGE-2 2. INSULATOR STAY LT (EA) 3. LT LINE STAY CLAMP 300 KG PSC POLE (EA)	Both the items mentioned in No. 2- INSULATOR STAY 11 KV (EA) & No. 3- INSULATOR STAY HT(EA) of PACKAGE-1 are same. Kindly clarify us wheather one of items is HT STAY CLAMP , if yes then indicate which one in between both. Another thing is neither HT or LT Line Stay clamp's GTP & DRAWING mentioned in Technical Specification of Tender Document. Kindly Provide the same.	No. 2- INSULATOR STAY 11 KV (EA) & No. 3- INSULATOR STAY HT(EA) are same items and shall be read as Stay insulator (Guy Insulator) for 11 KV. Total quantity required is 18684 units. HT or LT Line Stay clamp's GTP & DRAWING shall be shared via mail.

 TPCODL <small>TP CENTRAL ODISHA DISTRIBUTION LIMITED</small>	TATA POWER CENTRAL ODISHA LIMITED, BHUBANESWAR		
	TECHNICAL BOOKLET		
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Document No.	TPCODL-ENGG. -001	Issue Date: 05.07.2021	
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Prepared by: Engineering Department	Reviewed By: Phiroj Uttaray Khajan C. Bhardwaj	Approved By: Pourush Garg	Issued By: Praveen Verma

7.0 GI STAY CLAMP (FOR LT AND HT)

GENERAL TECHNICAL PARTICULARS

SL. NO.	TECHNICAL PARTICULARS	DESIRED VALUE
1	Material	Hot-Dip Galvanized, Flat(50X6) GI Flat
2	Relevant Standard	IS: 2062, IS: 2633, IS: 2629, TPCO-OTH-010.
3	Grade of Steel	E 250 A
4	Minimum Tensile Strength	410 N/mm ²
5	Yield Stress	250 N/mm ²
6	Percentage Elongation (Min.) at Gauge Length	23%
7	Bend Test (Internal Dia)	Min-2t
8	Mass of Zinc Coating	705 gm/m ²
9	Zinc Coating Thickness	100-micron, 6 Dip(min)
10	Chemical composition	Grade: E 250 (As per IS: 2062)
11	Markings/Embossing	TPCODL, Manufacture's trademark.

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