

Tender for Operations and maintenance



Information

<b>RFx number:</b>	7000017249
<b>Publication:</b>	Public RFx
<b>Version:</b>	1
<b>RFx Name:</b>	P&F OF TOWER EARTHING TO 400KV LINES-3
<b>Tender Subject:</b>	WORK OF PROVIDING AND FIXING OF SEPARATE PIPE TYPE & COUNTERPOISE TYPE TOWER LEG EARTHING TO 400KV
<b>Bid Submission:</b>	07.09.2020
<b>Funded By:</b>	
<b>Tender Fee Inc. GST:</b>	525.00 ₹
<b>Estimated Cost:</b>	594,106.14 ₹
<b>Basis of Prices:</b>	
<b>Percent Based Bid:</b>	Yes
<b>EMD Cost:</b>	5,941.06 ₹
<b>Tech Bid Open:</b>	07.09.2020 11:00:00
<b>Price Bid Open:</b>	07.09.2020 15:00:00
<b>Contact Person:</b>	EE-8554989278, DYEE-8554993202

Additional Requested Information:

- a)#Average Annual financial turnover during the last 03 years, ending 31st March of the previous financial year, should be at least 50 % of the estimated cost. Submit ONLY turnover certificate of C.A. (essential).
- b)#Experience certificates of having done the “Work of providing and Fixing of Separate Pipe Type & Counterpoise type Tower Leg earthing to 400KV Lines” amounting to 60% of the estimated cost in maximum 3 orders during last 05 years ending last day of mon
- c)#Proof of Goods & Service Tax Registration (GSTIN Registration).
- d)#Copy of PAN card
- e)#Proof of Registration of Firm under Bombay shop & Establishment Act.
- f)#Copy of SSI/NSIC Certificate with Memorandum (if applicable).The Registration Certificate as submitted by Micro and Small Enterprises should be VALID on the date of submission of bid and the validity of the same should be certified by the Chartered Acc
- g)#Income Tax Returns of last any 03 years (2018-19/2016-17/2017-18).
- h)#Valid solvency certificate equivalent to an amount not less than 25 % of the estimated cost of works from scheduled / nationalized bank.
- i)#Undertaking of contractor as per Annexure A, Annexure I & Annexure G should be submitted.
- j)#Proof of Registration under Provident fund Act with challan paid for any of the last 06 months (If applicable)
- k)#Valid insurance of Labour / ESIC if applicable
- l)#Detail list of Staff & T&P for work execution.
- m)#Valid Electrical License Certificate.

Attachments:

- TENDER DETAIL - E-TENDER

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## RFx Details:

( \*Amount in ₹)

Item	Item category Product no.	HSN/SAC No.	Description	Qty	Unit Rate	Amount
1	Outline	998736	P&F OF EARTHING TO 400KV LINES, WARORA	1.000 AU	--	594106.14
1.AA	Service 50006587	998736	Pipe Type Earthing of Tower Leg A) Providing and Fixing of Pipe Type Earthing :-# A-1) MATERIAL PORTION :-# Ø#25mm, 1"(1 inch) Dia. Bore Pipe (Hot Dip galvanized), 300 mm Long & grade 'M' type. (Qty-01 No.)# Ø#50x6 mm Galvanized steel flat 2.3 Kg/Rmt-2500mm Long. (Qty-3.7 RMT)# Ø#16x32mm (5/8 Inch x 1 & 1/4th Inch) GI nut & Bolt with washer. (Qty-02 No's.)# Ø#16x40mm (5/8 Inch x 1 & 1/2nd Inch) GI nut & Bolt with standard threats -02 No's with 2mm washer. (Qty-02 No's.)# Ø#Common Salt (Qty-50 Kg) & Soft Coke (Qty-80 Kg)# A-2) SERVICE PORTION :-# Ø#Boaring of 300 mm Dia. Up to 4 Mtr. Depth for insertion of earth electrode of size 1"(1 inch) Dia & 5 mm thickness.# Ø#Digging of trench from tower to pipe# a) 2.5 Mtr. Long for Suspension type tower.# b) 3 Mtr. Long for Tension type tower.# Ø#Refilling of the pile with mixture of BC Soil, Soft Coke & Salt in the ration as per norms or directed as per Engineer In-Charge.# Ø#Refilling/Back filling of the trench by BC Soil.# Ø#Fixing of Earthing sets to tower legs.# Ø#Measurement of Earth resistance value of Earth Electrode provided to the tower legs.#	30.000 EA	14230.09	426902.70

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Item	Item category Product no.	HSN/SA C No.	Description	Qty	Unit Rate	Amount
1.AB	Service 50006586	995443	Counter Poise Earthing of Tower Leg B) Providing and Fixing of Counterpoise Type Earthing :-# A-1) MATERIAL PORTION :-# Ø#7/9 SWG Earth Wire 25 Mtr. Per electrode (45 Kg F/mm2) as per IS 2161-1960. (Qty-25 RMT)# Ø#Hot Dip galvanized GI lugs suitable for 7/9 SWG Earth Wire as per drawings or directed as per Engineer In-Charge. (Qty-01 No.)# Ø#16x50mm GI nut & Bolt with washer. (Qty-01 No.)# # A-2) SERVICE PORTION :-# Ø#Excavation of trench of size 03 Mtr. Wide, 06 /mtr. Deep & 25 Mtr. long.# Ø#Back filling of the trench by BC Soil.# Ø#Crimping of lugs & fixing of earth electrode to tower legs.# Ø#Measurement of Earth resistance value of Earth Electrode provided to the tower legs.#	47.000 EA	3557.52	167203.44

(\*Unit Rate mentioned is inclusive of all taxes)

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**Annexure - I**

(\* NR is for Invalid Condition)

Item	Product No.	HSN/SAC	GST App. in %	Item type	Conditions*
1		998736	18	E	
1.AA	50006587	998736	18	E	EXW,
1.AB	50006586	995443	18	E	EXW,

(\* PFQ -> Packing and Forwarding Per Quantity      FRQ-> Freight Per Quantity      FR%-> Freight in Percentage,  
EXW ->Ex-Works (Basic Price),      PFP-> Packing and Forwarding in Percentage,      INQ-> Insurance Per Quantity,  
INP -> Insurance in Percentage,      DISCQ-> Discount Per Quantity,      DISCP->Discount in Percentage )