

**WDFC FIELD UNIT-VADODARA-ELECTRICAL/WDFC  
TENDER DOCUMENT**

**Tender No:** DFC-BRC-EL-AH-25-26-305

**Closing Date/Time:** 01/07/2025 15:00

**GM/Co/BRC** acting for and on behalf of The President of India invites E-Tenders against Tender No **DFC-BRC-EL-AH-25-26-305** Closing Date/Time 01/07/2025 15:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

**1. NIT HEADER**

<b>Name of Work</b>	Provision of additional arcing horn with 9 ton insulators Arrangement on Auxiliary Transformer and other OHE Modification work. under CGM Vadodara Unit		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	01/07/2025 15:00	<b>Date Time Of Uploading Tender</b>	09/06/2025 15:12
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	4692527.70	<b>Tendering Section</b>	ELECT
<b>Bidding Style</b>	Single Rate for Tender	<b>Bidding Unit</b>	Above/Below/Par
<b>Earnest Money (Rs.)</b>	93900.00	<b>Validity of Offer ( Days)</b>	60
<b>Tender Doc. Cost (Rs.)</b>	0.00	<b>Period of Completion</b>	3 Months
<b>Contract Type</b>	Works - General	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	17/06/2025		
<b>Are JV allowed to bid</b>	No	<b>Number of JV Member Allowed</b>	0
<b>Are Consortium allowed to bid</b>	No	<b>Number of Consortium Member Allowed</b>	0
<b>Ranking Order For Bids</b>	Lowest to Highest	<b>Expenditure Type</b>	Deposit Work

**2. SCHEDULE**

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule</b> () A-Provision of additional arcing horn with 9-ton insulator Arrangement on Auxiliary Transformer in between section from New Makarpura to Sachin under CGM Vadodara Unit							1288560.00	
1	1a	60.00	Numbers	5310.00	318600.00	AT Par	318600.00	
	<b>Description:-</b> Supply of 9 Ton, 25 KV suspension porcelain Insulator.							
1	1b	60.00	Numbers	1770.00	106200.00	AT Par	106200.00	
	<b>Description:-</b> Erection of 9 Ton, 25 KV suspension porcelain Insulator. (Extra 50 % Power Block Erection Charges Including in Cost)							
2	2a	2.00	MT	177000.00	354000.00	AT Par	354000.00	
	<b>Description:-</b> Supply of Outrigger & support Back angle & associated other SPS, single eye Clevis, Suspension clevis, & Galvanized Bolt/Nut washer /Split Pin.							
2	2b	2.00	MT	53100.00	106200.00	AT Par	106200.00	
	<b>Description:-</b> Erection of Outrigger & support Back angle & associated other SPS, single eye Clevis, Suspension clevis, & Galvanized Bolt/Nut washer /Split Pin. (Extra 50 % Power Block Erection Charges Including in Cost)							
3	3a	60.00	Numbers	1298.00	77880.00	AT Par	77880.00	
	<b>Description:-</b> Supply of Arcing Horn across 9 Tonn insulator.							
3	3b	60.00	Numbers	885.00	53100.00	AT Par	53100.00	
	<b>Description:-</b> Erection, testing & commissioning of Arcing Horn across 9 Tonn insulator (Extra 50 % Power Block Erection Charges Including in Cost)							
4	4A	60.00	Set	1770.00	106200.00	AT Par	106200.00	
	<b>Description:-</b> Supply of Catenary Suspension clamp with U Bolt (SS) with thimbles with 20 Dia Copper pin 4x36mm							
4	4b	60.00	Set	177.00	10620.00	AT Par	10620.00	
	<b>Description:-</b> Erection and Commissioning of Catenary Suspension clamp with U Bolt (SS) with thimbles with 20 Dia Copper pin 4x36mm (Extra 50 % Power Block Erection Charges Including in Cost)							
5	5a	120.00	Set	944.00	113280.00	AT Par	113280.00	

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	<b>Description:-</b> Supply of GI Earth clamp with nut bolts and washer as per drawing attached.						
6	6a	60.00	Numbers	708.00	42480.00	AT Par	42480.00
	<b>Description:-</b> Dismantling of existing jumper and re-erection through support of existing 9-ton Insulator. (Extra 50 % Power Block Erection/Dismantling Charges Including in Cost)						
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount
<b>Schedule</b> () B-Modification, Cabling and profiling of OHE and feeder wire under ROB near Surat at DFC KM 289/27-30 under CGM Vadodara Unit							2099911.20
1	1a	0.10	MT	164907.00	16490.70	AT Par	16490.70
	<b>Description:-</b> Supply of Steels.						
2	2a	300.00	Metre	383.00	114900.00	AT Par	114900.00
	<b>Description:-</b> Supply of various types of traction bonds						
2	2b	300.00	Metre	70.00	21000.00	AT Par	21000.00
	<b>Description:-</b> Erection of various types of traction bonds						
3	3a	4.00	Set	12141.00	48564.00	AT Par	48564.00
	<b>Description:-</b> Supply of 160 Sq.mm copper jumper wire with PG clamp and related fittings.						
3	3b	4.00	Set	2633.00	10532.00	AT Par	10532.00
	<b>Description:-</b> Erection of 160 Sq.mm copper jumper wire with PG clamp and related fittings.						
4	4a	8.00	Numbers	1590.00	12720.00	AT Par	12720.00
	<b>Description:-</b> Supply of various types of caution boards.						
4	4b	8.00	Numbers	216.00	1728.00	AT Par	1728.00
	<b>Description:-</b> Erection of various types of caution boards.						
5	5a	4.00	Numbers	13409.00	53636.00	AT Par	53636.00
	<b>Description:-</b> Supply of 25 KV Post insulator						
5	5b	4.00	Numbers	1800.00	7200.00	AT Par	7200.00
	<b>Description:-</b> Erection of 25 KV Post insulator with hardware.						
6	6a	2.00	Numbers	5133.00	10266.00	AT Par	10266.00
	<b>Description:-</b> Supply of earthing station as per IS 3054/RDSO Specification						
6	6b	2.00	Numbers	1788.00	3576.00	AT Par	3576.00
	<b>Description:-</b> Erection of earthing station as per IS 3054/RDSO Specification						
7	7a	4.00	Numbers	20159.00	80636.00	AT Par	80636.00
	<b>Description:-</b> Supply of 25KV suspension insulator including suspension clamp, single clevis double strap etc.						
7	7b	4.00	Numbers	2400.00	9600.00	AT Par	9600.00
	<b>Description:-</b> Erection of 25KV suspension insulator including suspension clamp, single clevis double strap etc.						
8	8a	120.00	Metre	384.00	46080.00	AT Par	46080.00
	<b>Description:-</b> Dismantling and re-erection of feeder wire.						
9	9a	1.00	MT	3711.00	3711.00	AT Par	3711.00
	<b>Description:-</b> Transportation, Loading and unloading of released materials.						
10	a	0.50	Per Track KM	17951.00	8975.50	AT Par	8975.50
	<b>Description:-</b> Survey, design and preparation of OHE layout plan and SED						
11	11a	350.00	Metre	1768.00	618800.00	AT Par	618800.00
	<b>Description:-</b> Laying of 25 KV feeder Cu. cable size 1CX240 sq.mm in Drain/Air/Pipe with necessary Protection (1CX240 Sq.MM Copper cable will be supplied by DFCCIL at Tralsa Store). Transportation of Cable will do by Contractor.						
12	12a	4.00	Numbers	6974.00	27896.00	AT Par	27896.00
	<b>Description:-</b> Erection, Testing and Commissioning of heat shrinkable cable termination kit for 1CX240 sq.mm Cu cable						
13	13a	50.00	Metre	550.00	27500.00	AT Par	27500.00
	<b>Description:-</b> Supply of DWC HDPE Pipe dia.160mm/136mm OD/ID						
14	14a	10.00	Numbers	17535.00	175350.00	AT Par	175350.00
	<b>Description:-</b> Supply of copper contact wire ending cone suitable for 150 sq.mm Copper contact wire						
15	15a	10.00	Numbers	17535.00	175350.00	AT Par	175350.00
	<b>Description:-</b> Supply of copper catenary wire ending cone suitable for 125 Sq.mm catenary wire						

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16	16a	20.00	Set	31270.00	625400.00	AT Par	625400.00	
	<b>Description:-</b> Supply of 25 KV, D.O. Fuse Switch assembly with support insulators complete as per RDSO spec. No. ETI/PSI/14(1/86) Rev.1 or as per latest Spec.							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule</b> () C-Providing False Catenary under NHRCL Crossing RFOs at 03 Locations (DFC KM 326/24-26, 358@47"45@36 & 376/18-22) between section from New Makarpura to Sachin under CGM Vadodara Unit							1304056.50	
1	1a	0.25	MT	1923546.00	480886.50	AT Par	480886.50	
	<b>Description:-</b> Supply of Contact wire (Hard drawn copper 150 Sq mm)							
2	2a	24.00	Numbers	17535.00	420840.00	AT Par	420840.00	
	<b>Description:-</b> Supply of Ending Clamp suitable for Contact wire 150 Sq mm & 125 Sq.mm Catenary wire End Clamp (12+12 each)							
3	3a	24.00	Numbers	1368.00	32832.00	AT Par	32832.00	
	<b>Description:-</b> Supply of PG Clamp 48480 suitable for 120 Sq.mm Jumper & 150 Sq.mm Grooved Contact wire							
4	4a	24.00	Numbers	1368.00	32832.00	AT Par	32832.00	
	<b>Description:-</b> Supply of PG Clamp 4879 suitable for 120 Sq.mm Jumper & 125 Sq.mm Grooved Contact wire							
5	5a	12.00	Numbers	984.00	11808.00	AT Par	11808.00	
	<b>Description:-</b> Supply of 9 Ton Adjuster (5020-2)							
6	6a	3.00	MT	14248.00	42744.00	AT Par	42744.00	
	<b>Description:-</b> Handling, Loading, unloading and transportation of DFC supply / released material such as Mast, wire, Fitting SPS etc. From IMD/IMSD to site & released material from site to IMD/IMSD							
7	7a	6.00	Job	38470.00	230820.00	AT Par	230820.00	
	<b>Description:-</b> Erection charges of False Catenary under ROB/FOB (Extra 50 % Power Block Erection Charges Including in Cost)							
8	8a	6.00	Job	8549.00	51294.00	AT Par	51294.00	
	<b>Description:-</b> Dismantling charges of existing Catenary wire							

**3. ITEM BREAKUP**

No item break up added	
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**4. ELIGIBILITY CONDITIONS**

**Special Financial Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As mentioned in tender document	No	No	Allowed (Mandatory)

**Special Technical Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As mentioned in tender document	No	No	Allowed (Mandatory)

**5. COMPLIANCE**

**Commercial-Compliance**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)

**6. Documents attached with tender**

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S.No.	Document Name	Document Description
1	arcinghornetctender09.06.2025FINAL..pdf	tender document

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

**Signed By:** VIJAIKUMAR CHAURASIA

**Designation :** DYPM/Elect