

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

Tender No: AII-EL-TENDER-2020-2

Closing Date/Time: 20/04/2021 15:00

**GM/DFCCIL/AJMER** acting for and on behalf of The President of India invites E-Tenders against Tender No **AII-EL-TENDER-2020-2** Closing Date/Time 20/04/2021 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.

Contractors are allowed to make payments against this tender towards tender document cost and earnest money only through only payment modes available on IREPS portal like net banking, debit card, credit card etc. Manual payments through Demand draft, Banker cheque, Deposit receipts, FDR etc. are not allowed.

**1. NIT HEADER**

<b>Name of Work</b>	Maintenance of 2x25 KV High Rise Overhead equipment along with Power Supply Installation maintenance on Madar-Iqbalgadh section of DFCCIL including IR connecting lines for a period of 12 Months under CGM Ajmer		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	20/04/2021 15:00	<b>Date Time Of Uploading Tender</b>	21/03/2021 16:13
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	32250923.00	<b>Tendering Section</b>	TRD
<b>Bidding Style</b>	Single Rate for Tender	<b>Bidding Unit</b>	Above/Below/Par
<b>Earnest Money /Bid Security (Rs.)</b>	0.00	<b>Validity of Offer ( Days)</b>	90
<b>Obtain Bid Security Declaration in lieu of Bid Security</b>	Yes		
<b>Tender Doc. Cost (Rs.)</b>	0.00	<b>Period of Completion</b>	12 Months
<b>Contract Type</b>	Works	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	06/04/2021	<b>Are Joint Venture (JV) firms allowed to bid</b>	No
<b>Ranking Order For Bids</b>	Lowest to Highest	<b>Expenditure Type</b>	Revenue

**2. SCHEDULE**

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule A-HIGH RISE OHE Maintenance Activity</b>							20396869.00	
1	Please see Item Breakup for details.				16856129.00	AT Par	16856129.00	
	<b>Description:-</b> Part A - Regular Maintenance Activity							
2	Please see Item Breakup for details.				1025990.00	AT Par	1025990.00	
	<b>Description:-</b> Part B - Emergency & other maintenance activities							
3	Please see Item Breakup for details.				2514750.00	AT Par	2514750.00	
	<b>Description:-</b> Part C - Foundation item							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule B-PSI Maintenance Activity</b>							11854054.00	
1	Please see Item Breakup for details.				8267136.00	AT Par	8267136.00	
	<b>Description:-</b> Part A- TSS & SP/SPP maintenance							
2	Please see Item Breakup for details.				912314.00	AT Par	912314.00	
	<b>Description:-</b> Part B - Emergency & other maintenance activity							
3	Please see Item Breakup for details.				2544050.00	AT Par	2544050.00	
	<b>Description:-</b> Part C -TSS Manning & House keeping							
4	Please see Item Breakup for details.				130554.00	AT Par	130554.00	
	<b>Description:-</b> Part D- Transformer oil testing by accredited agency							

**3. ITEM BREAKUP**

<b>Schedule</b>	Schedule A-HIGH RISE OHE Maintenance Activity
<b>Item- 1</b>	Part A - Regular Maintenance Activity

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S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Checking and Maintenance of Cantilever assembly	Each	8186.00	754.00	6172244.00
2	2	Checking and maintenance of 25Kv HIGH RISE OHE conductors	Kilometre	740.00	4823.00	3569020.00
3	3	Checking & Maintenance of all type of 25KV HIGH RISE OHE Jumpers	Each	810.00	441.00	357210.00
4	4	Checking & maintenance of Overlaps (IOL) & (UIOL)	Each	700.00	1608.00	1125600.00
5	5	Checking & Maintenance of Anti Creep arrangement	Each	357.00	1206.00	430542.00
6	6	Checking & Maintenance of 25 KV Isolator (SP/DP) including earthing heel arrangement if any	Each	15.00	1290.00	19350.00
7	7	Checking & Maintenance of 25 KV HIGH RISE OHE at Turnouts	Each	15.00	1237.00	18555.00
8	8	Checking & Maintenance of 25 KV HIGH RISE OHE on a cross over	Each	114.00	2472.00	281808.00
9	9	Checking & Maintenance of section Insulator Assembly	Each	50.00	1237.00	61850.00
10	10	Checking & Maintenance of Auto tension Device (ATD)	Each	837.00	2612.00	2186244.00
11	11	Checking & Maintenance of Aerial earth wire, Feeder wire & Feeder Termination /Fixed Anchor Termination	Kilometre	370.00	10.00	3700.00
12	12	Foot patrolling to be carried out along with schedule with one DFCCIL staff	Kilometre	740.00	144.00	106560.00
13	13	Checking & maintenance of all type of bonds including cleaning of muffs at HIGH RISE OHE mast (Structure/longitudinal/transverse bonds & earth electrode)	Each	1817.00	29.00	52693.00
14	14	Removal of & Re erection of bonds of various type during track machine working or Erection of missing/new bonds Paint etc. supplied by DFC)	Each	909.00	75.00	68175.00
15	15	Checking & Maintenance of all additional Insulators	Each	1000.00	344.00	344000.00
16	16	Checking & maintenance of leaning of HIGH-RISE OHE mast till a new mast erected.	Each	30.00	3439.00	103170.00
17	17	Checking & Maintenance of PTFE type neutral section (Quarterly)	Each	96.00	5243.00	503328.00
18	18	Checking and Maintenance of Portal boom drop arms and fabricated Masts free from bird nests	Each	200.00	384.00	76800.00
19	19	Trimming of tree branches	Each	400.00	26.00	10400.00
20	20	Manning and housekeeping in the IMD/IMSD	Man-Days	1460.00	649.00	947540.00
21	21	Erection of 25 KV overhead equipment as per requirement	Kilometre	10.00	41734.00	417340.00
					<b>Total</b>	<b>16856129.00</b>
<b>Item- 2</b>	Part B - Emergency & other maintenance activities					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Loading, unloading of DFCCIL supplied material to places directed by Engineer in charge (i.e. From station to tower wagon, station to station etc.)	Each	100.00	3895.00	389500.00
2	2	Erection of Catenary wire splicing or Contact wire splicing.	Each	50.00	3009.00	150450.00
3	3	Replacement/ Re-erection of various types of insulators	Each	200.00	860.00	172000.00
4	4	Breakdown attention by a gang for restoration of 25 KV HIGH RISE OHE during accidents/ unusual occurrence for checking HIGH RISE OHE parameters- (one gang consisting of 7 staff)	Hour	150.00	1525.00	228750.00
5	5	Erection of traction masts & portal other than boom	Numbers	30.00	2843.00	85290.00
					<b>Total</b>	<b>1025990.00</b>
<b>Item- 3</b>	Part C - Foundation item					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount

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1	1	Casting of all types of foundation (The rate includes supply of the material- ballast, sand, cement, mixture & reinforcement etc.)	cum	350.00	7185.00	2514750.00
					<b>Total</b>	<b>2514750.00</b>
<b>Schedule</b>	Schedule B-PSI Maintenance Activity					
<b>Item- 1</b>	Part A- TSS & SP/SSP maintenance					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Monthly Bay Maintenance of Traction Substations	Each	144.00	5251.00	756144.00
2	2	Half yearly Bay Maintenance of Traction Substations	Each	24.00	8079.00	193896.00
3	3	Yearly Bay Maintenance of Traction Substations	Each	12.00	10701.00	128412.00
4	4	Half yearly 25 KV bay Isolator maintenance	Each	24.00	11655.00	279720.00
5	5	Half yearly maintenance of Feeding post gantry TSS and associated equipment.	Each	12.00	15200.00	182400.00
6	6	Quarterly Maintenance of 25 KV bay equipment other than isolators and maintenance of feeding post CB in TSS.	Each	96.00	12385.00	1188960.00
7	7	Half yearly maintenance of Earthing station in TSS/SP/SSP	Each	1301.00	140.00	182140.00
8	8	Monthly panel maintenance in TSS/SP/SSP	Each	288.00	2625.00	756000.00
9	9	Fortnightly battery & battery charger maintenance of TSS	Each	288.00	1679.00	483552.00
10	10	Quarterly maintenance of CB in SP/SSP.	Each	976.00	2988.00	2916288.00
11	11	Fortnightly maintenance of battery & battery charger at SP/SSP and yard cleaning.	Each	238.00	1206.00	287028.00
12	12	Half yearly gantry maintenance of SP/SSP	Each	20.00	10501.00	210020.00
13	13	Quarterly maintenance of AT (Auxiliary transformer) at TSS/SP/SSP and HIGH RISE OHE at stations & open section	Each	816.00	861.00	702576.00
					<b>Total</b>	<b>8267136.00</b>
<b>Item- 2</b>	Part B - Emergency & other maintenance activity					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Maintenance of 25 KV dropout fuse AT TSS/SP/SSP and HIGH RISE OHE at stations & open section	Numbers	816.00	945.00	771120.00
2	2	Breakdown attention of PSI equipment	Hour	120.00	564.00	67680.00
3	3	Removal and re erection of PSI equipment	Each	14.00	5251.00	73514.00
					<b>Total</b>	<b>912314.00</b>
<b>Item- 3</b>	Part C -TSS Manning & House keeping					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Regular Housekeeping of TSS	Man-Days	730.00	649.00	473770.00
2	2	Manning of TSS	Man-Days	730.00	2836.00	2070280.00
					<b>Total</b>	<b>2544050.00</b>
<b>Item- 4</b>	Part D- Transformer oil testing by accredited agency					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Transformer oil Testing	Numbers	6.00	21759.00	130554.00
					<b>Total</b>	<b>130554.00</b>

**4. ELIGIBILITY CONDITIONS**

**Special Financial Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The contractual payments received by the tenderer in the previous three financial year and the current financial year up to the date of submission of tender shall be at least 150% of advertised value of tender.	No	No	Allowed (Mandatory)

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**Special Technical Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer firm must have satisfactorily completed at least one single work in last three previous financial years and the current financial year up to the date of submission of tender, of similar nature for a minimum value of 35% of advertised value of tender.	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**

S.No.	Document Name	Document Description
1	UpdatedFinaltenderMD-IQGTRD19.03.2021.pdf	OHE PSI Maintenance in DFCCIL Ajmer

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:** MOHAMMAD ASLAM SIDDIQUI

**Designation :** DYPM EL/AII