

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

Tender No: AII-EL-EOMS-2023-T-15-R

Closing Date/Time: 20/02/2024 15:00

GM/DFCCIL/AJMER acting for and on behalf of The President of India invites E-Tenders against Tender No **AII-EL-EOMS-2023-T-15-R** Closing Date/Time 20/02/2024 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

Name of Work	OHE Modification and General Electrical work in connection with extension of Track Machine Sidings for providing infrastructure facilities for working/ stabling of RGM in MD-IQB section under Ajmer Unit.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	20/02/2024 15:00	Date Time Of Uploading Tender	30/01/2024 14:56
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	16274815.04	Tendering Section	WORKS
Bidding Style	Single Rate for Tender	Bidding Unit	Above/Below/Par
Earnest Money (Rs.)	231400.00	Validity of Offer (Days)	45
Tender Doc. Cost (Rs.)	0.00	Period of Completion	6 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	06/02/2024	Are Joint Venture (JV) firms allowed to bid	No
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Capital (Works)

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule 1-OHE Modification Work							14912946.80	
1	1	7.00	MT	151449.57	1060146.99	AT Par	1060146.99	
	Description:- Supply of Rolled or fabricated and galvanized traction mast, TTC, Portals, feeder mast, Bridge mast, AT Mast, DA, SPS etc.							
2	2	7.50	MT	10860.27	81452.03	AT Par	81452.03	
	Description:- Erection of Rolled or Fabricated and galvanized traction mast, TTC, Portals, Bridge mast, feeder mast, AT mast, DA, SPS etc. by road crane arranged by contractor at his own cost.							
3	3	48.00	cum	10812.39	518994.72	AT Par	518994.72	
	Description:- Concrete for foundation and plinth in other than hard soil and rock.							
4	4	12.50	MT	9407.26	117590.75	AT Par	117590.75	
	Description:- Dismantling & Removal of fabricated portal booms, SPS of TTC/portals, B-Series Mast, DMA.							
5	5	2.00	Numbers	796.05	1592.10	AT Par	1592.10	
	Description:- Dismantling of Lightening arrester and handing over to DFCCIL in good condition.							
6	6	2400.00	Metre	4517.10	10841040.00	AT Par	10841040.00	
	Description:- Supply, testing, Erection and commissioning of 33 KV grade, 1x 240 sqmm size, copper conductor XLPE insulated PVC sheathed armoured cable.							
7	7	2200.00	Metre	84.49	185878.00	AT Par	185878.00	
	Description:- Supply of Material and Digging of trench in all type of soil 120 cm deep and 50 cm wide as per explanatory note							
8	8	12.00	Set	6146.22	73754.64	AT Par	73754.64	
	Description:- Supply of pre-moulded outdoor termination suitable for 33KV, 1x 240 sqmm size, copper conductor XLPE insulated armoured cable.							
9	9	12.00	Set	2221.52	26658.24	AT Par	26658.24	
	Description:- Erection, testing and commissioning of pre-moulded outdoor termination suitable for 33KV, 1x 240 sqmm size, copper conductor XLPE insulated cable.							
10	10	4.00	Set	7103.60	28414.40	AT Par	28414.40	

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	Description:- Supply of Straight through Joint Kits suitable for 33KV, 1x 240 sqmm size, copper conductor XLPE insulated armoured cable.						
11	11	4.00	Set	1770.00	7080.00	AT Par	7080.00
	Description:- Erection, testing and commissioning of Straight through Joint Kits suitable for 33KV, 1x 240 sqmm size, copper conductor XLPE insulated armoured cable.						
12	12	50.00	Metre	859.36	42968.00	AT Par	42968.00
	Description:- Supply and laying of GI pipe size 100mm dia. B class as per IS:1239 for cable use as per specification enclosed						
13	13	6.00	Numbers	38813.24	232879.44	AT Par	232879.44
	Description:- Supply of 42 KV Lightning Arrester.						
14	14	6.00	Numbers	796.05	4776.30	AT Par	4776.30
	Description:- Erection of 42 KV Lightening Arrester.						
15	15	11.00	MT	6934.78	76282.58	AT Par	76282.58
	Description:- Loading, Transportation and unloading of released material /Mast from site to IMD /nominated place/directed by incharge.						
16	16	5.00	Numbers	4073.85	20369.25	AT Par	20369.25
	Description:- Supply of material for single earth electrode complete with earth chamber and cover as per DFCCIL design (Copper Cladded)						
17	17	5.00	Numbers	1873.63	9368.15	AT Par	9368.15
	Description:- Erection of Earth Station complete with earth chamber and cover as per DFCCIL design						
18	18	10.00	Numbers	9229.54	92295.40	AT Par	92295.40
	Description:- Supply of material for post insulator						
19	19	12.00	Numbers	639.85	7678.20	AT Par	7678.20
	Description:- Erection of Material for post insulator						
20	20	2.00	Numbers	639.85	1279.70	AT Par	1279.70
	Description:- Dismantling of Post Insulator and handing over to DFCCIL in good condition.						
21	21	100.00	Metre	282.45	28245.00	AT Par	28245.00
	Description:- Supply of MS Flat size 50x6 mm						
22	22	100.00	Metre	91.30	9130.00	AT Par	9130.00
	Description:- Erection of MS Flat size 50x6 mm						
23	23	5.00	Numbers	13440.76	67203.80	AT Par	67203.80
	Description:- Supply of material for Guy Rod Assembly.						
24	24	6.00	Numbers	1848.60	11091.60	AT Par	11091.60
	Description:- Erection of material for Guy Rod Assembly.						
25	25	20.00	Numbers	119.90	2398.00	AT Par	2398.00
	Description:- Supply & providing of cable marker the cable marker shall be made of MS Sheet 1.5 mm thick size 150x100mm welded with 12mm dia MS Rod 85 cm. long the lower end of rod should be turned in hooks shape and attached with the cable at the time of laying.						
26	26	2200.00	Metre	562.71	1237962.00	AT Par	1237962.00
	Description:- Supply & laying of HDPE pipe of 160mm dia, Under Road /Ground /Floor/Railway Track as per site requirement in already excavated trench as per specification						
27	27	9.00	Numbers	3178.96	28610.64	AT Par	28610.64
	Description:- Supply & Fixing of Feeder Wire splice for 288 sq. mm AAAC Conductor						
28	28	1.20	Kilometre	29333.66	35200.39	AT Par	35200.39
	Description:- Erection of feeder wire with all material supplied by DFCCIL.						
29	29	3.10	Kilometre	20195.64	62606.48	AT Par	62606.48
	Description:- Dismantling of Feeder Wire with suspension insulator & fittings.						

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule 2-Provision of Lights & Charging facilities							1361868.24	
	1	23.00	Numbers	20285.54	466567.42	AT Par	466567.42	

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1	Description:- Supply and erection of Octagonal pole of length 7 meter & dimension as per table-3 with base plate on the cement concrete foundation of M-15 /M-20 grade (1:1.5:3) with the help of anchor bolts of grade 6.8 (IS 1367 P III). The pole shall be made of S- 355JO grade steel sheet , folded lengthwise to obtained Octagonal shape, having single longitudinal seam weld and hot dipped galvanised internally & externally in accordance with IS 2629. The pole shall have a weather proof flush door and locking arrangements. The complete work shall be supervised and certified by the manufacturers for satisfactory supply, erection, testing and commissioning.						
2	23.00	Numbers	1756.31	40395.13	AT Par	40395.13	
2	Description:- Supply, Erection and fixing of hot dipped galvanized single arm overhang (60x3.25mm) with cap (250x137.9x4.05mm) over the existing poles.						
3	23.00	Numbers	8451.28	194379.44	AT Par	194379.44	
3	Description:- LED Street light fixture 72 watt, P/ F IP-65/ IP-66 protected street light luminaries on existing bracket. Fixture made from powder coated single piece pressure die cast aluminum housing with heat dissipation fins on housing with high power LEDs. Diffuser / glass cover for ensuring IP-65 protection for lamp and control gear compartment, system lumen output of 100 lum/watt high power LED. Integrated driver shall be high efficiency having efficiency more than 85 % and in compliance to IEC standards. System life of 50000 burning hours with 70 % of initial lumens maintained. Fixture shall be in CE compliance.						
4	2450.00	Metre	10.47	25651.50	AT Par	25651.50	
4	Description:- Laying, connecting, testing and commissioning of 4x16sqmm to 4x120sqmm, 1.1KV grade, LT XLPE insulated PVC outer sheathed aluminum conductor armored cable in trench/pipe as per spec. (Cable will be supplied by DFCCIL)						
5	2450.00	Metre	51.40	125930.00	AT Par	125930.00	
5	Description:- Digging and filling of trench size 0.4mx 0.8m as per specification. (trench work may be on kuccha /pucca land and all type of soil as per site requirement and without protective layer of brick) Surface of trench shall be made good in all respect and satisfaction of site engineer.						
6	2450.00	Metre	159.41	390554.50	AT Par	390554.50	
6	Description:- Supply and laying of HDPE pipe PE-80, PN-4 ISI marked along with all accessories like socket, bent, coupler etc. conforming to IS 4984:1995 complete with fitting and cutting jointing etc. in the existing trench complete as required of size 50 mm OD.						
7	14.00	Numbers	5188.49	72638.86	AT Par	72638.86	
7	Description:- Supply, fixing, testing & commissioning of feeder pillar distribution cum junction box with copper busbar of 200 A capacity with 02 Nos. 6-63 Amp 4-Pole MCB/MCCB. (As per Specification & explanatory note).						
8	13.00	Numbers	2949.58	38344.54	AT Par	38344.54	
8	Description:- Supply, installing, testing and commissioning earth electrode complete in all respect with perforated GI pipe medium "B" class (Blue) confirming to IS 1239 part-I length of 4 mtr., bore 50mm with all accessories like nut bolt, reducer nipple, wire meshed funnel and CC finished chamber covered by CI/RCC frame etc. Digging pit and refilling it with charcoal and salt in successive layers and connection with 8 SWG GI wire as per IS:3043.						
9	1005.00	Metre	7.37	7406.85	AT Par	7406.85	
9	Description:- 8 SWG GI wire for connection as per specification						

3. ITEM BREAKUP

No item break up added

4. ELIGIBILITY CONDITIONS

Special Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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1	Financial Eligibility Criteria: The tenderer must have minimum average annual contractual turnover of V/N or 'V' Whichever is less; where V= Advertised value of the tender in crores of Rupees N= Number of years prescribed for completion of work for which bids have been invited. The average annual contractual turnover shall be calculated as an average of "total contractual payments" in the previous three financial years, as per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/ audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover. The tenderers shall submit requisite information as per Annexure-VIB of GCC APRIL-2022, along with copies of Audited Balance Sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance Sheet. Note: Client certificate from other than Govt. Organization should be duly supported by Form 16A/26AS generated through TRACES of Income Tax Department of India.	No	No	Allowed (Mandatory)
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Special Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Technical Eligibility Criteria: (a) The tenderer must have successfully or substantially* completed any of the following during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: Three similar works, each costing not less than the amount equal to 30% of advertised value of the tender, OR Two similar works, each costing not less than the amount equal to 40% of advertised value of the tender, OR One similar work, each costing not less than the amount equal to 60% of advertised value of the tender. (b) The similar nature of work is defined as- "Design, Supply, Erection, Testing & Commissioning of single phase 50 Hz 25KV/2x25KV AC OHE. (C) ELECTRICAL CONTRACTOR LICENSE: (i) The Contractor should have valid A-Class Electrical license to be submitted along with tender failing which tenderer would be consider ineligible (i.e. not eligible). (ii)The work shall be carried out by the contractor, having valid Electrical Contractor's License for carrying out installation work under the direct supervision of the persons holding valid certificates of competency issued by the State Government. (iii)The successful tenderer shall furnish the names and particulars of the certificate of competency of supervisor and workmen to be engaged for carrying out this work	No	No	Allowed (Mandatory)

5. COMPLIANCE

Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per mentioned in Tender Document	No	No	Allowed (Mandatory)
2	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)

General Instructions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per mentioned in Tender Document	No	No	Not Allowed

Special Conditions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per mentioned in Tender Document	No	No	Not Allowed

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per mentioned in Tender Document	No	No	Allowed (Mandatory)

Undertakings

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1	As per mentioned in Tender Document	No	No	Not Allowed

6. Documents attached with tender

S.No.	Document Name	Document Description
1	TenderDocumentEOMScfinal.pdf	Tender Document

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Induswww 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: MANISH KUMAR VIJAY

Designation : DYPM EL/AII/HQ