

**EDFC FIELD UNIT-DDU-ELECTRICAL/EDFC
TENDER DOCUMENT**

Tender No: DFC-EL-DDU-MNT-GS-359-01

Closing Date/Time: 01/10/2022 14:00

CGM/DFCCIL/DDU acting for and on behalf of The President of India invites E-Tenders against Tender No **DFC-EL-DDU-MNT-GS-359-01** Closing Date/Time 01/10/2022 14:00 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

Name of Work	Comprehensive maintenance of E & M assets of various station buildings, IMD, IMSD, staff quarter, ALHs & RH locations in DDU -Chiraila Pauthu/New Sonnagar section of DFCCIL under CGM/DDU unit for 24 months		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	01/10/2022 14:00	Date Time Of Uploading Tender	02/09/2022 17:57
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	28809817.35	Tendering Section	ELECTRICAL
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money (Rs.)	294100.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	0.00	Period of Completion	24 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	17/09/2022	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 -Providing manpower for maintenance of General Power Supply (E & M) items for DFCCIL Stations, IMD, IMSDs, Staff quarters, ALHs & RHs. including replacement of defective / worn out parts and servicing of assets for 24months. For schedule 1, the contractor should quote rate judiciously so as to follow minimum wages fixed by CLC New Delhi.							24538220.00	Above/ Below/Par
1	1	1460.00	Shift	1252.00	1827920.00	AT Par	1827920.00	
	Description:- Providing High skilled/Overall in-charge for supervising in daily shift at IMD location.(1 person is required to be present in day shift only at each IMD/IMSD)(Total IMD/IMSD=2)(Total shift in two years =2x730)							
2	2	10950.00	Shift	1066.00	11672700.00	AT Par	11672700.00	
	Description:- Providing Skilled Person for executing different E & M maintenance activities (one person should be present in all three shifts at every station/location). (Total location=5).Total shift in two years=5x3x730)							
3	3	14600.00	Shift	756.00	11037600.00	AT Par	11037600.00	
	Description:- Providing Unskilled Person for executing different E&M maintenance activities (Two persons in day shift and one person at evening and one person at night shift at every station/location)(Total locations=5)(Total shift in two years=5x4x730)							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule 2 -Supply of essential maintenance spares							2780668.00	Above/ Below/Par
1	1	5.00	Numbers	311.00	1555.00	AT Par	1555.00	
	Description:- Call bells buzzer/Ding dong.							
2	2	50.00	Numbers	231.00	11550.00	AT Par	11550.00	
	Description:- Single pole MCB 6A-32A							
3	3	50.00	Numbers	717.00	35850.00	AT Par	35850.00	
	Description:- Single pole Neutral MCB 6A-32A							
4	4	50.00	Numbers	740.00	37000.00	AT Par	37000.00	
	Description:- Double pole MCB 6A- 32A							
5	5	50.00	Numbers	2750.00	137500.00	AT Par	137500.00	

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			Description:- RCCB AC type rating-32A, Leakage current-30mA				
6	6	50.00	Numbers	260.00	13000.00	AT Par	13000.00
			Description:- Fan regulator electronics 100 watt				
7	7	50.00	Numbers	33.00	1650.00	AT Par	1650.00
			Description:- Condenser 2.25mfd, 440V				
8	8	50.00	Numbers	35.00	1750.00	AT Par	1750.00
			Description:- Condenser 2.5 mfd, 440V				
9	9	50.00	Numbers	42.00	2100.00	AT Par	2100.00
			Description:- Condenser 4 mfd, 440V				
10	10	50.00	Numbers	34.00	1700.00	AT Par	1700.00
			Description:- 6A Angle holder				
11	11	50.00	Numbers	32.00	1600.00	AT Par	1600.00
			Description:- 6A Pendent holder				
12	12	50.00	Numbers	34.00	1700.00	AT Par	1700.00
			Description:- 6A Batten holder				
13	13	10.00	Numbers	4527.00	45270.00	AT Par	45270.00
			Description:- 63A fuse unit/ fuse switch				
14	14	50.00	Numbers	276.00	13800.00	AT Par	13800.00
			Description:- 16 A Kit kat Rewireable Porcelain Fuse Carrier & Base				
15	15	25.00	Numbers	446.00	11150.00	AT Par	11150.00
			Description:- 63 A Kit kat Rewireable Porcelain Fuse Carrier & Base.				
16	16	20.00	Numbers	385.00	7700.00	AT Par	7700.00
			Description:- DIN Type HRC fuse 63Amp				
17	17	900.00	Metre	47.50	42750.00	AT Par	42750.00
			Description:- HRFR PVC insulated Industrial cable 2.5sq mm Multi strand copper				
18	18	450.00	Metre	69.77	31396.50	AT Par	31396.50
			Description:- HRFR PVC insulated Industrial cable 4 sq mm Multi strand copper				
19	19	450.00	Metre	104.27	46921.50	AT Par	46921.50
			Description:- HRFR PVC insulated Industrial cable 6 sq mm Multi strand copper				
20	20	250.00	Metre	177.00	44250.00	AT Par	44250.00
			Description:- HRFR PVC insulated Industrial cable 10 sq mm Multi strand copper				
21	21	200.00	Metre	26.00	5200.00	AT Par	5200.00
			Description:- PVC conduit pipe 25 mm dia (midium)				
22	22	200.00	Numbers	25.00	5000.00	AT Par	5000.00
			Description:- Box type PVC casing caping (6 feet length) size 25mmx16mm				
23	23	75.00	Numbers	45.00	3375.00	AT Par	3375.00
			Description:- 6A modular one way switch				
24	24	75.00	Numbers	137.00	10275.00	AT Par	10275.00
			Description:- 16A modular one way switch				
25	25	75.00	Numbers	106.00	7950.00	AT Par	7950.00
			Description:- 6A 2 pin modular socket				
26	26	75.00	Numbers	132.00	9900.00	AT Par	9900.00
			Description:- 6A 3 pin modular socket				
27	27	75.00	Numbers	208.00	15600.00	AT Par	15600.00
			Description:- 6A/16A modular socke				
28	28	50.00	Numbers	2.00	100.00	AT Par	100.00
			Description:- 4 sqmm Aluminium lug				
29	29	50.00	Numbers	2.20	110.00	AT Par	110.00
			Description:- 6 sqmm Aluminium lug				
30	30	50.00	Numbers	2.80	140.00	AT Par	140.00
			Description:- 10 sqmm Aluminium lug				
31	31	25.00	Numbers	6.20	155.00	AT Par	155.00

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	Description:- 25 sqmm long barrel Aluminium lug						
32	32	25.00	Numbers	9.90	247.50	AT Par	247.50
	Description:- 35 sqmm long barrel Aluminium lug						
33	33	25.00	Numbers	14.30	357.50	AT Par	357.50
	Description:- 50 sq mm long barrel Aluminium lug						
34	34	25.00	Numbers	22.00	550.00	AT Par	550.00
	Description:- 70 sqmm long barrel Aluminium lug						
35	35	25.00	Numbers	36.00	900.00	AT Par	900.00
	Description:- 120 sqmm long berrel Aluminium lug						
36	36	25.00	Numbers	46.00	1150.00	AT Par	1150.00
	Description:- 150 sqmm long berrel Aluminium lug						
37	37	25.00	Numbers	58.00	1450.00	AT Par	1450.00
	Description:- 185 sqmm long berrel Aluminium lug						
38	38	25.00	Numbers	89.00	2225.00	AT Par	2225.00
	Description:- 240 sqmm long berrel Aluminium lug						
39	39	10.00	Numbers	111.00	1110.00	AT Par	1110.00
	Description:- 300 sqmm long berrel Aluminium lug						
40	40	10.00	Numbers	157.00	1570.00	AT Par	1570.00
	Description:- 400 sqmm long berrel Aluminium lug						
41	41	25.00	Numbers	4.40	110.00	AT Par	110.00
	Description:- 25 sqmm short barrel lug						
42	42	25.00	Numbers	6.60	165.00	AT Par	165.00
	Description:- 35 sqmm short barrel lug						
43	43	25.00	Numbers	10.20	255.00	AT Par	255.00
	Description:- 50 sqmm short barrel lug						
44	44	50.00	Numbers	15.40	770.00	AT Par	770.00
	Description:- 70 sqmm short barrel lug						
45	45	50.00	Numbers	28.00	1400.00	AT Par	1400.00
	Description:- 120 sqmm short barrel lug						
46	46	25.00	Numbers	35.00	875.00	AT Par	875.00
	Description:- 150 sqmm short barrel lug						
47	47	25.00	Numbers	45.00	1125.00	AT Par	1125.00
	Description:- 185 sqmm short barrel lug						
48	48	50.00	Numbers	6.60	330.00	AT Par	330.00
	Description:- 4 sqmm Copper lug						
49	49	50.00	Numbers	7.30	365.00	AT Par	365.00
	Description:- 6 sqmm Copper lug						
50	50	50.00	Numbers	9.10	455.00	AT Par	455.00
	Description:- 10 sqmm Copper lug						
51	51	25.00	Numbers	43.00	1075.00	AT Par	1075.00
	Description:- 25 sqmm long barrel Copper lug						
52	52	25.00	Numbers	68.00	1700.00	AT Par	1700.00
	Description:- 35 sqmm long barrel Copper lug						
53	53	25.00	Numbers	97.00	2425.00	AT Par	2425.00
	Description:- 50 sq mm long barrel Copper lug						
54	54	25.00	Numbers	156.00	3900.00	AT Par	3900.00
	Description:- 70 sqmm long barrel Copper lug						
55	55	25.00	Numbers	267.00	6675.00	AT Par	6675.00
	Description:- 120 sqmm long berrel Copper lug						
56	56	25.00	Numbers	339.00	8475.00	AT Par	8475.00
	Description:- 150 sqmm long berrel Copper lug						
57	57	25.00	Numbers	425.00	10625.00	AT Par	10625.00

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		Description:- 185 sqmm long berrel Copper lug					
58	58	25.00	Numbers	650.00	16250.00	AT Par	16250.00
		Description:- 240 sqmm long berrel Copper lug					
59	59	10.00	Numbers	814.00	8140.00	AT Par	8140.00
		Description:- 300 sqmm long berrel Copper lug					
60	60	10.00	Numbers	1151.00	11510.00	AT Par	11510.00
		Description:- 400 sqmm long berrel Copper lug					
61	61	25.00	Numbers	30.00	750.00	AT Par	750.00
		Description:- 25 sqmm short barrel Copper lug					
62	62	25.00	Numbers	44.00	1100.00	AT Par	1100.00
		Description:- 35 sqmm short barrel Copper lug					
63	63	25.00	Numbers	68.00	1700.00	AT Par	1700.00
		Description:- 50 sqmm short barrel Copper lug					
64	64	25.00	Numbers	108.00	2700.00	AT Par	2700.00
		Description:- 70 sqmm short barrel Copper lug					
65	65	25.00	Numbers	199.00	4975.00	AT Par	4975.00
		Description:- 120 sqmm short barrel Copper lug					
66	66	25.00	Numbers	250.00	6250.00	AT Par	6250.00
		Description:- 150 sqmm short barrel Copper lug					
67	67	25.00	Numbers	322.00	8050.00	AT Par	8050.00
		Description:- 185 sqmm short barrel Copper lug					
68	68	50.00	Numbers	850.00	42500.00	AT Par	42500.00
		Description:- LED tube light 18 W					
69	69	50.00	Numbers	950.00	47500.00	AT Par	47500.00
		Description:- LED tube light 22 W					
70	70	20.00	Numbers	3350.00	67000.00	AT Par	67000.00
		Description:- LED Light 70W					
71	71	20.00	Numbers	1999.00	39980.00	AT Par	39980.00
		Description:- Fan					
72	72	20.00	Numbers	1490.00	29800.00	AT Par	29800.00
		Description:- Exhaust Fan					
73	73	500.00	Metre	1240.00	620000.00	AT Par	620000.00
		Description:- Cable 3x120 Sqmm Armoured AL cable					
74	74	1000.00	Metre	95.00	95000.00	AT Par	95000.00
		Description:- Cable 2x10 Sqmm Armoured AL cable					
75	75	500.00	Metre	600.00	300000.00	AT Par	300000.00
		Description:- Cable 4x50 Sqmm Armoured AL cable					
76	76	1000.00	Metre	230.00	230000.00	AT Par	230000.00
		Description:- Cable 4x25 Sqmm Armoured AL cable					
77	77	1000.00	Metre	125.00	125000.00	AT Par	125000.00
		Description:- Cable 4x16 Sqmm Armoured AL cable					
78	78	500.00	Metre	490.00	245000.00	AT Par	245000.00
		Description:- Cable 3x95 Sqmm Armoured AL cable					
79	79	20.00	Each	13959.00	279180.00	AT Par	279180.00
		Description:- 79. Supply of Octagonal Pole (Dip Galvanised in single dep average 70 micron) 6 mtrs. Long Top dia 70 mm, Bottom Dia. 135 mm. Sheet thickness 3 mm, in single Section with base Plate (220 x 220 x 12 mm (L x B x H) with 700 mm Long Double Arm Bracket and 04 Nos. 16 mm dia. x 600 mm long (100 mm. thread projectional), foundation Bolts, complete with smart pack Junction Box with G A MCB and Stud terminals (For mounting inside base plate) and Internal. witing for terminal to fitting with 2 x 2.5 Sq. min. Cable of Ploycab, Finolex, Plaza). Make of Pole: Bajaj, Bansal, Jindal or similar					

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
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Schedule 3-Minor works related to maintenance activity of E & M assets							1002561.75	Above/ Below/Par
1	1	4500.00	Metre	64.66	290970.00	AT Par	290970.00	
	Description:- Collecting, transporting from DFC store to site, laying, testing & commissioning of HL/LT cables of different sizes. Laying direct in ground (including excavation, sand chusioning, protection bricks covering and refilling the trench etc.), direct in RCC/metal pipe in road/track crossing and on surface required as per relevant technical specifications.							
2	2	25.00	Numbers	1086.07	27151.75	AT Par	27151.75	
	Description:- Earthing with 40 mm dia GI pipe class B, 3 meter long earth erected as per IS 3044/1985b (latest version) to achive earth resistance less than 5 ohm, including construction of masonry enclosure with hinged cover plate of cast iron with locking arrangement (approx. size 400 x400mm) on top, connection from earth electrode to switch gear / pole as per drawing.							
3	3	500.00	Metre	1260.00	630000.00	AT Par	630000.00	
	Description:- Insertation of HDPE Pipe by Horizontal drilling pipe pushing method , under railway track/road etc as per drawing or as directed by Engineer-in-charge.							
4	4	20.00	Each	2722.00	54440.00	AT Par	54440.00	
	Description:- Erection & casting of foundation for Octagonal Tubular pole with earth excavation with Cement,Cocrete & sand (1:3:6) & muffing of base foundation as per manufacturer drawings and dimension as required under the Suppression of site incharge							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule 4-Comprehensive maintenance of split AC units installed at DFCCIL Stations/office, IMD, IMSDs, ALHs & RHs including replacement of defective / worn out parts and servicing of assets							488367.60	Above/ Below/Par
1	1	1680.00	Numbers	185.47	311589.60	AT Par	311589.60	
	Description:- Comprehensive running maintenance of split/window/tower type /casette AC units of 1.5/2.0 Ton capacity installed at DFCCIL Stations/office, IMD, IMSDs, ALHs & RHs for 02 years (07 months in a year March to September in each year as per maintenance schedule 'M' 'O' & 'P') as per scope of work. Qty - Nos of units x Nos of months=120x14=1680							
2	2	120.00	Numbers	873.15	104778.00	AT Par	104778.00	
	Description:- Complete repairing and over hauling of tower/window/split type /Cassette AC units (described in item no.1) during switching off period i.e November to February as per technical specification & scope of work. Qty - Nos of units x Nos of months =15x8=120							
3	3	60.00	Numbers	1200.00	72000.00	AT Par	72000.00	
	Description:- Gas TOP UP tower/window/split type /Cassette AC units							

3. ITEM BREAKUP

No item break up added

4. ELIGIBILITY CONDITIONS

Special Financial Criteria

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

Special Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per tender document	No	No	Allowed (Mandatory)
1.1	Similar nature of work :- As per tender document	No	No	Allowed (Mandatory)

5. COMPLIANCE

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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)

Custom

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Contractor must have valid Class-'A', Electrical Contractor License issued from appropriate government authority to execute HT & LT works.	Yes	Yes	Allowed (Mandatory)
2	The tenderers shall submit a notarized affidavit on a non-judicial stamp stating that they are not liable to be disqualified and all their statements/documents submitted along with bid are true and factual. Standard format of the affidavit to be submitted by the bidder is enclosed as Annexure-C. Non submission of an affidavit by the bidder shall result in summary rejection of his/their bid. And it shall be mandatorily incumbent upon the tenderer to identify, state and submit the supporting documents duly self-attested by which they/he is qualifying the Qualifying Criteria mentioned in the tender document. It will not be obligatory on the part of Tender Committee to scrutinize beyond the submitted document of tenderer as far as his qualification for the tender is concerned	Yes	Yes	Allowed (Mandatory)

6. Documents attached with tender

S.No.	Document Name	Document Description
1	TDGST01.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: PRADEEP KUMAR GUPTA

Designation : PM/DDU