

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

Tender No: DFC_ADI_EL_PSI_R1_2023-24

Closing Date/Time: 14/03/2024 15:00

CGM/DFCCIL/AHMEDABAD acting for and on behalf of The President of India invites E-Tenders against Tender No DFC_ADI_EL_PSI_R1_2023-24 Closing Date/Time 14/03/2024 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	Maintenance of 2 x 25kV Power Supply Installations in Iqbalgadh- Sanand section & Makarpura Yard of DFCCIL including connecting line, for a period of 24 (Twenty- Four) months under CGM/DFCCIL Ahmedabad Unit.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	14/03/2024 15:00	Date Time Of Uploading Tender	17/02/2024 15:53
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	41444056.58	Tendering Section	ADIELECT
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money (Rs.)	357300.00	Validity of Offer (Days)	90
Tender Doc. Cost (Rs.)	11800.00	Period of Completion	24 Months
Contract Type	Service	Contract Category	Expenditure
Bidding Start Date	29/02/2024	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 01-Maintenance of Traction Sub Stations:							7169493.04	Above/ Below/Par
01	01	72.00	Each	1557.85	112165.20	AT Par	112165.20	
	Description:- Monthly Maintenance of 220 kV/55kV, 60/84/100 MVA Traction Power Transformer.							
02	02	12.00	Each	2084.60	25015.20	AT Par	25015.20	
	Description:- Half Yearly Maintenance of 132/ 220 kV/55kV, 60/84/100 MVA Traction Power Transformer.							
03	03	6.00	Each	3258.59	19551.54	AT Par	19551.54	
	Description:- Yearly Maintenance of 132/ 220 kV/55kV, 60/84/100 MVA Traction Power Transformer.							
04	04	96.00	Each	1042.30	100060.80	AT Par	100060.80	
	Description:- Monthly Maintenance of 132/220kV TP SF-6 Circuit Breaker							
05	05	16.00	Each	1623.70	25979.20	AT Par	25979.20	
	Description:- Half Yearly Maintenance of 132/220kV TP SF-6 Circuit Breaker							
06	06	8.00	Each	1952.91	15623.28	AT Par	15623.28	
	Description:- Yearly Maintenance of 132 kV/220kV TP SF-6 Circuit Breaker							
07	07	216.00	Each	515.54	111356.64	AT Par	111356.64	
	Description:- Monthly Maintenance of 132/220kV Current Transformer (Protection)							
08	08	36.00	Each	773.98	27863.28	AT Par	27863.28	
	Description:- Half Yearly Maintenance of 132/220kV Current Transformer							
09	09	18.00	Each	1042.30	18761.40	AT Par	18761.40	
	Description:- Yearly Maintenance of 132/220kV Current Transformer (Protection)							
10	10	576.00	Each	515.54	296951.04	AT Par	296951.04	
	Description:- Monthly Maintenance of 132/220kV Current Transformer (Metering)							
11	11	96.00	Each	778.92	74776.32	AT Par	74776.32	
	Description:- Half Yearly Maintenance of 132/220kV Current Transformer (Metering)							
12	12	48.00	Each	1042.30	50030.40	AT Par	50030.40	
	Description:- Yearly Maintenance of 132/220kV Current Transformer (Metering)							

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

Tender No: DFC_ADI_EL_PSI_R1_2023-24

Closing Date/Time: 14/03/2024 15:00

13	13	192.00	Each	515.55	98985.60	AT Par	98985.60
	Description:- Quarterly Maintenance of 132/220kV Potential Transformer (Metering PT)						
14	14	96.00	Each	515.54	49491.84	AT Par	49491.84
	Description:- Half Yearly Maintenance of 132/220kV Potential Transformer (Metering PT)						
15	15	48.00	Each	1042.30	50030.40	AT Par	50030.40
	Description:- Yearly Maintenance of 132/220kV Potential Transformer (Metering PT)						
16	16	504.00	Each	1309.01	659741.04	AT Par	659741.04
	Description:- Monthly Maintenance of 120/198 kV Lightning Arrester						
17	17	84.00	Each	1042.30	87553.20	AT Par	87553.20
	Description:- Half Yearly Maintenance of 120/198 kV Lightning Arrester						
18	18	216.00	Each	516.33	111527.28	AT Par	111527.28
	Description:- Monthly Maintenance of 132/220kV TP Motorised Isolator with or without earthing heel						
19	19	36.00	Each	778.92	28041.12	AT Par	28041.12
	Description:- Half Yearly Maintenance of 132/220kV TP Motorised Isolator with or without earthing heel						
20	20	18.00	Each	1173.99	21131.82	AT Par	21131.82
	Description:- Yearly Maintenance of 132/220kV TP Motorised Isolator with or without earthing heel						
21	21	1152.00	Each	515.54	593902.08	AT Par	593902.08
	Description:- Monthly Maintenance of 55 kV Current Transformer						
22	22	192.00	Each	778.92	149552.64	AT Par	149552.64
	Description:- Half Yearly Maintenance of 55 kV Current Transformer						
23	23	96.00	Each	1042.30	100060.80	AT Par	100060.80
	Description:- Yearly Maintenance of 55 kV Current Transformer						
24	24	480.00	Each	394.78	189494.40	AT Par	189494.40
	Description:- Monthly Maintenance of 55/72.2kV DP SF-6 Circuit Breaker						
25	25	80.00	Each	778.92	62313.60	AT Par	62313.60
	Description:- Half Yearly Maintenance of 55/72.2kV DP SF-6 Circuit Breaker						
26	26	36.00	Each	1556.27	56025.72	AT Par	56025.72
	Description:- Yearly Maintenance of 55/72.2kV DP SF- 6 Circuit Breaker						
27	27	1008.00	Each	775.02	781220.16	AT Par	781220.16
	Description:- Monthly Maintenance of 55 /72.5 kV DP Motorised Isolator without earthing heel						
28	28	168.00	Each	1304.86	219216.48	AT Par	219216.48
	Description:- Half Yearly Maintenance of 55/72.5 kV DP Motorised Isolator without earthing heel						
29	29	84.00	Each	1952.09	163975.56	AT Par	163975.56
	Description:- Yearly Maintenance of 55/72.5 kV DP Motorised Isolator without earthing heel						
30	30	864.00	Each	394.78	341089.92	AT Par	341089.92
	Description:- Monthly Maintenance of 42/ 60 kV Lightning Arrester						
31	31	144.00	Each	647.23	93201.12	AT Par	93201.12
	Description:- Half Yearly Maintenance of 42/60 kV Lightning Arrester						
32	32	192.00	Each	1557.31	299003.52	AT Par	299003.52
	Description:- Monthly Maintenance of 55kV/27.5 kV, 12.3 MVA Auto Transformer						
33	33	32.00	Each	2082.99	66655.68	AT Par	66655.68
	Description:- Half Yearly Maintenance of 55kV/27.5 kV, 12.3 MVA Auto Transformer						
34	34	16.00	Each	3256.95	52111.20	AT Par	52111.20
	Description:- Yearly Maintenance of 55kV/27.5 kV, 12.3 MVA Auto Transformer						
35	35	64.00	Each	515.54	32994.56	AT Par	32994.56
	Description:- Quarterly Maintenance of 25 kV Potential Transformer Protection PT						
36	36	32.00	Each	779.18	24933.76	AT Par	24933.76
	Description:- Half Yearly Maintenance of 25 kV Potential Transformer Protection PT						
37	37	16.00	Each	1042.30	16676.80	AT Par	16676.80
	Description:- Yearly Maintenance of 25 kV Potential Transformer Protection PT						
38	38	192.00	Each	515.54	98983.68	AT Par	98983.68

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

Tender No: DFC_ADI_EL_PSI_R1_2023-24

Closing Date/Time: 14/03/2024 15:00

	Description:- Monthly Maintenance of 25 kV Current Transformer at Auto Transformer						
39	39	32.00	Each	779.18	24933.76	AT Par	24933.76
	Description:- Half Yearly Maintenance of 25 kV Current Transformer						
40	40	16.00	Each	1042.30	16676.80	AT Par	16676.80
	Description:- Yearly Maintenance of 25 kV Current Transformer						
41	41	192.00	Each	395.07	75853.44	AT Par	75853.44
	Description:- Monthly Maintenance of 25 kV DP Circuit Breaker						
42	42	32.00	Each	778.92	24925.44	AT Par	24925.44
	Description:- Half Yearly Maintenance of 25 kV DP Circuit Breaker						
43	43	16.00	Each	1557.85	24925.60	AT Par	24925.60
	Description:- Yearly Maintenance of 25 kV DP Circuit Breaker						
44	44	384.00	Each	779.18	299205.12	AT Par	299205.12
	Description:- Monthly Maintenance of 25 kV DP Motorised Isolator without earthing heel						
45	45	64.00	Each	1305.68	83563.52	AT Par	83563.52
	Description:- Half Yearly Maintenance of 25 kV DP Motorised Isolator without earthing heel						
46	46	32.00	Each	1952.91	62493.12	AT Par	62493.12
	Description:- Yearly Maintenance of 25 kV DP Motorised Isolator without earthing heel						
47	47	96.00	Each	395.07	37926.72	AT Par	37926.72
	Description:- Monthly Maintenance of 25 kV DP Interrupter						
48	48	16.00	Each	778.92	12462.72	AT Par	12462.72
	Description:- Half Yearly Maintenance of 25 kV DP Interrupter						
49	49	8.00	Each	1557.85	12462.80	AT Par	12462.80
	Description:- Yearly Maintenance of 25 kV DP Interrupter						
50	50	32.00	Each	395.07	12642.24	AT Par	12642.24
	Description:- Quarterly Maintenance of 25kV/240V, 100kVA LT Auxiliary Transformer						
51	51	16.00	Each	778.92	12462.72	AT Par	12462.72
	Description:- Half Yearly Maintenance of 25kV/240V, 100kVA LT Auxiliary Transformer						
52	52	8.00	Each	2084.60	16676.80	AT Par	16676.80
	Description:- Yearly Maintenance of 25kV/240V, 100kVA LT Auxiliary Transformer						
53	53	96.00	Each	394.78	37898.88	AT Par	37898.88
	Description:- Monthly Maintenance of 55kV/0.65 kV, 3 MVA Transformer of Capacitor bank.						
54	54	16.00	Each	775.02	12400.32	AT Par	12400.32
	Description:- Half Yearly Maintenance of 55kV/0.65 kV, 3 MVA MVA Transformer Capacitor bank.						
55	55	8.00	Each	2082.99	16663.92	AT Par	16663.92
	Description:- Yearly Maintenance of 55kV/0.65 kV, 3 MVA Transformer Capacitor bank.						
56	56	32.00	Each	778.92	24925.44	AT Par	24925.44
	Description:- Quarterly maintenance of 2500 KVAR CAPACITOR Bank Including Series REACTOR						
57	57	16.00	Each	2084.60	33353.60	AT Par	33353.60
	Description:- Half yearly maintenance of 2500 KVAR CAPACITOR Bank Including Series REACTOR						
58	58	8.00	Each	3126.90	25015.20	AT Par	25015.20
	Description:- Yearly maintenance of 2500 KVAR CAPACITOR Bank Including Series REACTOR						
59	59	16.00	Each	778.92	12462.72	AT Par	12462.72
	Description:- Quarterly Maintenance of 25 kV Neutral Current Transformer						
60	60	4.00	Each	1557.85	6231.40	AT Par	6231.40
	Description:- Yearly Maintenance of 25 kV Neutral Current Transformer						
61	61	96.00	Each	515.54	49491.84	AT Par	49491.84
	Description:- Fortnightly battery & battery charger maintenance of TSS						
62	62	4.00	Each	12496.41	49985.64	AT Par	49985.64
	Description:- Yearly battery & battery charger maintenance of TSS						
63	63	480.00	Each	197.54	94819.20	AT Par	94819.20
	Description:- Half Yearly maintenance of Earthing station						
64	64	4.00	Each	20834.82	83339.28	AT Par	83339.28

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

Tender No: DFC_ADI_EL_PSI_R1_2023-24

Closing Date/Time: 14/03/2024 15:00

	Description:- Yearly Buried Rail Connection						
65	65	1200.00	Each	515.54	618648.00	AT Par	618648.00
	Description:- Half Yearly Thermal Imaging of Equipment connector						
66	66	4.00	Each	1952.91	7811.64	AT Par	7811.64
	Description:- Yearly Maintenance of Earth Screen Conductor						
67	67	4.00	Each	10411.80	41647.20	AT Par	41647.20
	Description:- Yearly maintenance of Cable Trench Cleaning						
68	68	16.00	Each	78.86	1261.76	AT Par	1261.76
	Description:- Reclamation of DCP(5kG,10 kG & 25 kG),CO2(9kG) & form type fire extinguisher.						
69	69	16.00	Each	642.37	10277.92	AT Par	10277.92
	Description:- Refilling of DCP(5kG,10 kG & 25 kG),CO2(9kG) & form type fire extinguisher.						

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule 02-SP/SSPs/ATS/PP Maintenance							14665382.24	Above/ Below/Par
01	01	528.00	Each	1557.31	822259.68	AT Par	822259.68	
	Description:- Monthly Maintenance of 8 MVA/ 12.3 MVA Auto Transformer							
02	02	88.00	Each	2082.99	183303.12	AT Par	183303.12	
	Description:- Half Yearly Maintenance of 8 MVA / 12.3 MVA Auto Transformer							
03	03	44.00	Each	3256.95	143305.80	AT Par	143305.80	
	Description:- Yearly Maintenance of 8 MVA/ 12.3 MVA Auto Transformer							
04	04	1056.00	Each	515.54	544410.24	AT Par	544410.24	
	Description:- Monthly Maintenance of 25 kV Current Transformer at Auto Transformer							
05	05	176.00	Each	779.18	137135.68	AT Par	137135.68	
	Description:- Half Yearly Maintenance of 25 kV Current Transformer							
06	06	88.00	Each	1042.30	91722.40	AT Par	91722.40	
	Description:- Yearly Maintenance of 25 kV Current Transformer							
07	07	2184.00	Each	395.07	862832.88	AT Par	862832.88	
	Description:- Monthly Maintenance of 25 kV DP Interrupter							
08	08	364.00	Each	778.92	283526.88	AT Par	283526.88	
	Description:- Half Yearly Maintenance of 25 kV DP Interrupter							
09	09	182.00	Each	1557.85	283528.70	AT Par	283528.70	
	Description:- Yearly Maintenance of 25 kV DP Interrupter							
10	10	4128.00	Each	775.02	3199282.56	AT Par	3199282.56	
	Description:- Monthly Maintenance of 25 kV DP Isolator (Manual)							
11	11	688.00	Each	1305.68	898307.84	AT Par	898307.84	
	Description:- Half Yearly Maintenance of 25 kV DP Isolator (Manual)							
12	12	344.00	Each	1952.91	671801.04	AT Par	671801.04	
	Description:- Yearly Maintenance of 25 kV DP Isolator (Manual)							
13	13	528.00	Each	394.78	208443.84	AT Par	208443.84	
	Description:- Monthly Maintenance of 25 kV SP Isolator (Manual)							
14	14	88.00	Each	778.92	68544.96	AT Par	68544.96	
	Description:- Half Yearly Maintenance of 25 kV SP Isolator (Manual)							
15	15	44.00	Each	1173.99	51655.56	AT Par	51655.56	
	Description:- Yearly Maintenance of 25 kV SP Isolator (Manual)							
16	16	296.00	Each	515.54	152599.84	AT Par	152599.84	
	Description:- Quarterly Maintenance of 25 kV Potential Transformer .							
17	17	148.00	Each	779.18	115318.64	AT Par	115318.64	
	Description:- Half Yearly Maintenance of 25 kV Potential Transformer.							
18	18	74.00	Each	1042.30	77130.20	AT Par	77130.20	
	Description:- Yearly Maintenance of 25 kV Potential Transformer .							

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

Tender No: DFC_ADI_EL_PSI_R1_2023-24

Closing Date/Time: 14/03/2024 15:00

19	19	3456.00	Each	394.78	1364359.68	AT Par	1364359.68
	Description:- Monthly Maintenance of 42 kV Lightning Arrester						
20	20	576.00	Each	647.23	372804.48	AT Par	372804.48
	Description:- Half Yearly Maintenance of 42 KV Lightning Arrester						
21	21	288.00	Each	395.07	113780.16	AT Par	113780.16
	Description:- Quarterly Maintenance of 25kV/240V, 10kVA LT Auxiliary Transformer with LT cable up to ACDB						
22	22	144.00	Each	778.92	112164.48	AT Par	112164.48
	Description:- Half Yearly Maintenance of 25kV/240V, 10kVA LT Auxiliary Transformer with LT cable up to ACDB						
23	23	72.00	Each	2084.60	150091.20	AT Par	150091.20
	Description:- Yearly Maintenance of 25kV/240V, 10kVA LT Auxiliary Transformer with LT cable up to ACDB						
24	24	864.00	Each	515.54	445426.56	AT Par	445426.56
	Description:- Fortnightly battery & battery charger maintenance at SCPs						
25	25	36.00	Each	12496.41	449870.76	AT Par	449870.76
	Description:- Yearly Maintenance of Battery And Battery Charger						
26	26	1200.00	Each	197.54	237048.00	AT Par	237048.00
	Description:- Half Yearly maintenance of Earthing Station						
27	27	600.00	Each	197.54	118524.00	AT Par	118524.00
	Description:- Yearly Maintenance of Earthing station						
28	28	72.00	Each	20834.82	1500107.04	AT Par	1500107.04
	Description:- Yearly maintenance Buried Rail Connection						
29	29	264.00	Each	395.07	104298.48	AT Par	104298.48
	Description:- Monthly Maintenance of 25 kV SP Interrupter						
30	30	44.00	Each	778.92	34272.48	AT Par	34272.48
	Description:- Half Yearly Maintenance of 25 kV SP Interrupter						
31	31	22.00	Each	1557.85	34272.70	AT Par	34272.70
	Description:- Yearly Maintenance of 25 kV SP Interrupter						
32	32	1000.00	Each	515.54	515540.00	AT Par	515540.00
	Description:- Half Yearly Thermal Imaging of Equipment connector						
33	33	42.00	Each	1952.91	82022.22	AT Par	82022.22
	Description:- Yearly Maintenance of Earth Screen Conductor for complete SCP.						
34	34	42.00	Each	4169.21	175106.82	AT Par	175106.82
	Description:- Yearly maintenance of Cable Trench Cleaning						
35	35	84.00	Each	78.86	6624.24	AT Par	6624.24
	Description:- Reclamation of DCP (5kG, 10 KG & 25 KG),CO2(9kG) & form type fire extinguisher.						
36	36	84.00	Each	642.37	53959.08	AT Par	53959.08
	Description:- Refilling of DCP (5kG, 10 KG & 25 KG),CO2 (9kG) & form type fire extinguisher.						

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit	
Schedule 03-Panels & Gantry Bus Bar insulator other Maintenance:							4534439.70	Above/ Below/Par	
01	01	48.00	Each	3220.57	154587.36	AT Par	154587.36		
	Description:- Monthly panel maintenance in TSS								
02	02	432.00	Each	1610.28	695640.96	AT Par	695640.96		
	Description:- Monthly panel maintenance in SP/SSP								
03	03	48.00	Each	18648.62	895133.76	AT Par	895133.76		
	Description:- Half yearly Cross gantry or any others Gantry Bus Bar maintenance of TSS								
04	04	128.00	Each	12883.49	1649086.72	AT Par	1649086.72		
	Description:- Half yearly Cross gantry or any others Gantry Bus Bar maintenance of SP/SSPs								
05	05	16.00	Each	6441.75	103068.00	AT Par	103068.00		
	Description:- Half yearly Cross gantry or any others Gantry Bus Bar maintenance of PPs								
06	06	20.00	Each	6442.36	128847.20	AT Par	128847.20		

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

Tender No: DFC_ADI_EL_PSI_R1_2023-24

Closing Date/Time: 14/03/2024 15:00

	Description:- Removal and re-erection of PSI Equipment						
07	07	100.00	Each	345.75	34575.00	AT Par	34575.00
	Description:- Supply & Erection of Caution Board						
08	08	100.00	cum	1556.39	155639.00	AT Par	155639.00
	Description:- Supply and spreading of ballast/Pebbles /Gravels in Switching Stations/TSS yard						
09	09	160.00	Sqm	1498.00	239680.00	AT Par	239680.00
	Description:- Reinforce concrete for cable trench & cover						
10	10	3000.00	Sqm	44.03	132090.00	AT Par	132090.00
	Description:- Supply and repainting of PSI equipment like Transformer, CT, PT, LA, BM CB, AT as per site requirement with water proof grey enamelled paint by approve brand i.e Asian, Berger etc. as per IS 2932 all latest.						
11	11	4000.00	Sqm	40.21	160840.00	AT Par	160840.00
	Description:- Supply and re painting of PSI assets i.e. Fencing Panels, Fencing UP right, bar- bared wire, Tubular pole at TSS/SP/SSP with Aluminium Paint i.e. Asian Berger etc. as per IS 2339 or latest						
12	12	40.00	Each	1022.28	40891.20	AT Par	40891.20
	Description:- Supply and erection of Earth Pit cover & Box						
13	13	50.00	Each	981.31	49065.50	AT Par	49065.50
	Description:- Provision of Shock Treatment Chart						
14	14	200.00	Each	42.48	8496.00	AT Par	8496.00
	Description:- Drilling of holes in mast/ rails with contractor own labour and T&P complete.						
15	15	100.00	Metre	293.34	29334.00	AT Par	29334.00
	Description:- Supply and erection of earth leads 75 x 8 mm mild steel flat laid in the ground or exposed as per site requirement						
16	16	300.00	Metre	163.09	48927.00	AT Par	48927.00
	Description:- Supply and erection of earth leads 50 x6 mm mild steel flat laid in the ground or exposed as per site requirement						
17	17	200.00	Metre	42.69	8538.00	AT Par	8538.00
	Description:- Supply and erection of 8 SWG GI Wire for earthing.						

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit	
Schedule 04-TSS Manning & Housekeeping: (Note: Please quote either "At Par" or "Above" in the schedule -04)							9694763.52	Above/ Below/Par	
01	01	1248.00	Man-Days	727.78	908269.44	AT Par	908269.44		
	Description:- Regular House Keeping of TSS								
02	02	4992.00	Man-Days	1005.78	5020853.76	AT Par	5020853.76		
	Description:- Manning of TSS (optional as per requirement)								
03	03	3744.00	Man-Days	1005.78	3765640.32	AT Par	3765640.32		
	Description:- Manning of SCPs (optional as per requirement)								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit	
Schedule 05-Break down attention							631389.00	Above/ Below/Par	
01	01	150.00	Hour	691.96	103794.00	AT Par	103794.00		
	Description:- Breakdown attention of PSI equipments at TSS/SP/SSPs								
02	02	100.00	Each	1159.41	115941.00	AT Par	115941.00		
	Description:- Maintenance of 25 KV dropout fuse AT TSS/SP/SSP								
03	03	300.00	Man-Days	1372.18	411654.00	AT Par	411654.00		
	Description:- Manning of SP/SSP in case of Emergency								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule 06-Additional PSI maintenance Activity							2000000.00	Above/ Below/Par
	Lump Sum				2000000.00	AT Par	2000000.00	

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TENDER DOCUMENT**

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Closing Date/Time: 14/03/2024 15:00

U1	Description :- Dismantling, supply, erection & commissioning of LA, CT, PT, CB & BM in case of break down/bursting of the equipment- As per Annexure-A
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S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule 07-Maintenance of Traction Sub Stations /SCPs (Optional)							500000.00	Above/ Below/Par
01	Lump Sum				500000.00	AT Par	500000.00	
	Description :- Maintenance of Traction Sub Stations /SCPs (Optional) (Note: Schedules are available in Tender Document)							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule 08-Schedule for oil testing (Note: Per Unit= Per Sample)							637439.08	Above/ Below/Par
01	01	46.00	Per Unit	125.04	5751.84	AT Par	5751.84	
	Description:- Physical Condition & Appearance of Oil (Colour & Order)							
02	02	46.00	Per Unit	187.56	8627.76	AT Par	8627.76	
	Description:- Density at Room Temperature							
03	03	46.00	Per Unit	375.13	17255.98	AT Par	17255.98	
	Description:- Electric Breakdown Voltage							
04	04	46.00	Per Unit	625.21	28759.66	AT Par	28759.66	
	Description:- Moisture Content by Karl Fisher Method							
05	05	46.00	Per Unit	625.21	28759.66	AT Par	28759.66	
	Description:- Neutralization Value							
06	06	46.00	Per Unit	1000.34	46015.64	AT Par	46015.64	
	Description:- Specific Resistance at room temperature & 90 degree C							
07	07	46.00	Per Unit	1000.34	46015.64	AT Par	46015.64	
	Description:- Dissipation Factor (tan 0) at room temp. & 90 degree C							
08	08	46.00	Per Unit	375.13	17255.98	AT Par	17255.98	
	Description:- Interfacial tension test at + room temp							
09	09	46.00	Per Unit	250.08	11503.68	AT Par	11503.68	
	Description:- Flash Point							
10	10	46.00	Per Unit	250.08	11503.68	AT Par	11503.68	
	Description:- Sediment & Perceptible Sludge							
11	11	46.00	Per Unit	3376.13	155301.98	AT Par	155301.98	
	Description:- Dissolved Gas Analysis							
12	12	46.00	Per Unit	4226.42	194415.32	AT Par	194415.32	
	Description:- Furan Analysis							
13	13	46.00	Per Unit	625.21	28759.66	AT Par	28759.66	
	Description:- Sample Collection Charges							
14	14	3.00	Job	12504.20	37512.60	AT Par	37512.60	
	Description:- Transportation Charges							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule 09-Supply of Tools and Plants							1611150.00	Above/ Below/Par
01	01	8.00	Set	340.00	2720.00	AT Par	2720.00	
	Description:- Screw driver 6",8",10"							
02	02	8.00	Numbers	255.00	2040.00	AT Par	2040.00	
	Description:- Cutting pliers 8"							
03	03	16.00	Numbers	65.00	1040.00	AT Par	1040.00	
	Description:- Line tester							
04	04	8.00	Numbers	260.00	2080.00	AT Par	2080.00	

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

Tender No: DFC_ADI_EL_PSI_R1_2023-24

Closing Date/Time: 14/03/2024 15:00

	Description:- Nose Pliers 6"						
05	05	8.00	Set	940.00	7520.00	AT Par	7520.00
	Description:- "Double open ended Spanner (6 to 32)"						
06	06	4.00	Numbers	167.00	668.00	AT Par	668.00
	Description:- Measuring Tape 5m						
07	07	4.00	Numbers	590.00	2360.00	AT Par	2360.00
	Description:- Adjustable wrench 8"						
08	08	8.00	Numbers	345.00	2760.00	AT Par	2760.00
	Description:- Ball pen Hammer 500gm						
09	09	8.00	Numbers	260.00	2080.00	AT Par	2080.00
	Description:- Combination plier, 280mm						
10	10	8.00	Set	620.00	4960.00	AT Par	4960.00
	Description:- Allen key 2 to 16mm						
11	11	8.00	Set	835.00	6680.00	AT Par	6680.00
	Description:- D shackles 1", 5/8", 3/4"						
12	12	4.00	Set	4725.00	18900.00	AT Par	18900.00
	Description:- 1/2" Socket set containing 19 socket with 6 attachment						
13	13	4.00	Numbers	820.00	3280.00	AT Par	3280.00
	Description:- Crimping tool up to 16mm ² size						
14	14	4.00	Set	775.00	3100.00	AT Par	3100.00
	Description:- Pipe wrench 8", 12"						
15	15	4.00	Numbers	2230.00	8920.00	AT Par	8920.00
	Description:- Contact less thermo meter						
16	16	8.00	Set	1100.00	8800.00	AT Par	8800.00
	Description:- Adjustable spanner 8", 12"						
17	17	8.00	Set	1450.00	11600.00	AT Par	11600.00
	Description:- Ring spanner (6 - 41)						
18	18	8.00	Set	910.00	7280.00	AT Par	7280.00
	Description:- DE spanner (6- 41)						
19	19	4.00	Numbers	1460.00	5840.00	AT Par	5840.00
	Description:- "Double sleeve pulley block 3½ x ½" groove steel"						
20	20	2.00	Numbers	1180.00	2360.00	AT Par	2360.00
	Description:- Desoldering iron						
21	21	2.00	Numbers	460.00	920.00	AT Par	920.00
	Description:- Soldering iron 60 W						
22	22	8.00	Numbers	75.00	600.00	AT Par	600.00
	Description:- Wire stripping pliers, 150mm						
23	23	2.00	Numbers	5300.00	10600.00	AT Par	10600.00
	Description:- Hydraulic crimping machine up to 300mm ²						
24	24	4.00	Set	4870.00	19480.00	AT Par	19480.00
	Description:- Manila rope 15, 25mm dia (20 m Each)						
25	25	4.00	Set	4520.00	18080.00	AT Par	18080.00
	Description:- Nylon rope 15, 25, 40mm dia (20 m Each)						
26	26	4.00	Numbers	1180.00	4720.00	AT Par	4720.00
	Description:- Digital spirit level						
27	27	2.00	Numbers	2533.00	5066.00	AT Par	5066.00
	Description:- Digital Vernier calliper						
28	28	2.00	Numbers	2415.00	4830.00	AT Par	4830.00
	Description:- Digital micrometer						
29	29	8.00	Numbers	3340.00	26720.00	AT Par	26720.00
	Description:- Round cable and wire cutter, 900mm						
30	30	1.00	Numbers	22920.00	22920.00	AT Par	22920.00

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TENDER DOCUMENT**

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Closing Date/Time: 14/03/2024 15:00

				Description:- Hydraulic jack 50 ton cap			
31	31	4.00	Numbers	737.00	2948.00	AT Par	2948.00
				Description:- Grease gun			
32	32	4.00	Numbers	770.00	3080.00	AT Par	3080.00
				Description:- Crow bar 24"x3/4			
33	33	4.00	Numbers	2045.00	8180.00	AT Par	8180.00
				Description:- Bolt cutter 12", 36"			
34	34	4.00	Set	640.00	2560.00	AT Par	2560.00
				Description:- Steel Tape (3m, 5m, 15m)			
35	35	4.00	Set	3725.00	14900.00	AT Par	14900.00
				Description:- Sledge hammer 1kg, 5kg			
36	36	4.00	Numbers	240.00	960.00	AT Par	960.00
				Description:- Flat file/250mm			
37	37	4.00	Numbers	335.00	1340.00	AT Par	1340.00
				Description:- Round file,288m			
38	38	4.00	Numbers	300.00	1200.00	AT Par	1200.00
				Description:- Triangular file,288 mm			
39	39	4.00	Numbers	380.00	1520.00	AT Par	1520.00
				Description:- Half round file,250mm			
40	40	4.00	Numbers	190.00	760.00	AT Par	760.00
				Description:- Flat Chiesel, 10"			
41	41	4.00	Numbers	170.00	680.00	AT Par	680.00
				Description:- Pin punch, 10"			
42	42	4.00	Numbers	180.00	720.00	AT Par	720.00
				Description:- Centre punch			
43	43	4.00	Numbers	320.00	1280.00	AT Par	1280.00
				Description:- Inner circlip pliers straight nose,19-60 mm Capacity			
44	44	4.00	Numbers	295.00	1180.00	AT Par	1180.00
				Description:- Inner circlip pliers bent nose, 19-60 mm Capacity			
45	45	2.00	Numbers	6150.00	12300.00	AT Par	12300.00
				Description:- Torque Wrench, 60-330 Nm			
46	46	2.00	Numbers	3175.00	6350.00	AT Par	6350.00
				Description:- Bench vise 6"			
47	47	2.00	Numbers	4430.00	8860.00	AT Par	8860.00
				Description:- Digital Earth tester Model No. btc - 96			
48	48	4.00	Numbers	5620.00	22480.00	AT Par	22480.00
				Description:- Aluminium step ladder 16' wall support			
49	49	2.00	Numbers	2379.00	4758.00	AT Par	4758.00
				Description:- Hand held electric blower			
50	50	4.00	Numbers	13590.00	54360.00	AT Par	54360.00
				Description:- Aluminium ladder extensible 36 feet closed			
51	51	2.00	Numbers	3585.00	7170.00	AT Par	7170.00
				Description:- Portable Electric grinder			
52	52	4.00	Numbers	3040.00	12160.00	AT Par	12160.00
				Description:- Acidity testing kit			
53	53	2.00	Numbers	6200.00	12400.00	AT Par	12400.00
				Description:- Portable electric Hand Drill Machine			
54	54	2.00	Numbers	6590.00	13180.00	AT Par	13180.00
				Description:- Pull lift3/4 ton			
55	55	4.00	Numbers	1870.00	7480.00	AT Par	7480.00
				Description:- Digital multimeter			
56	56	4.00	Numbers	212400.00	849600.00	AT Par	849600.00

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

Tender No: DFC_ADI_EL_PSI_R1_2023-24

Closing Date/Time: 14/03/2024 15:00

	Description:- Oil BVD testing kit						
57	57	8.00	Numbers	22550.00	180400.00	AT Par	180400.00
	Description:- Discharge Rod high rise						
58	58	2.00	Numbers	11440.00	22880.00	AT Par	22880.00
	Description:- Pull lift 3 Tonne						
59	59	4.00	Numbers	7870.00	31480.00	AT Par	31480.00
	Description:- Drop out fuse Operating rod						
60	60	10.00	Numbers	735.00	7350.00	AT Par	7350.00
	Description:- Single Sleeve pulley fiber 3.5"x0.5						
61	61	10.00	Numbers	840.00	8400.00	AT Par	8400.00
	Description:- Single Sleeve pulley steel 3.5"x0.5						
62	62	4.00	Numbers	8090.00	32360.00	AT Par	32360.00
	Description:- "Al Ladder 8 Meter with Hook on Top"						
63	63	10.00	Numbers	1355.00	13550.00	AT Par	13550.00
	Description:- Single Sleeve pulley steel 6"x1"						
64	64	2.00	Numbers	9950.00	19900.00	AT Par	19900.00
	Description:- Hot stick suitable for High Rise						
65	65	4.00	Numbers	2950.00	11800.00	AT Par	11800.00
	Description:- Clip on Tong Tester						
66	66	2.00	Numbers	4330.00	8660.00	AT Par	8660.00
	Description:- Insulation Tester / Megger 500V						
67	67	4.00	Numbers	340.00	1360.00	AT Par	1360.00
	Description:- Measuring Tape 15 Meter PVC						
68	68	4.00	Numbers	420.00	1680.00	AT Par	1680.00
	Description:- Measuring Tape 30 Meter PVC						

3. ITEM BREAKUP

No item break up added	
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4. ELIGIBILITY CONDITIONS

Special Technical Criteria

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

Special Financial Criteria

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

5. COMPLIANCE

Check Lst

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

Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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**WDFC FIELD UNIT-AHEMDABAD-ELECTRICAL/WDFC
TENDER DOCUMENT**

Tender No: DFC_ADI_EL_PSI_R1_2023-24

Closing Date/Time: 14/03/2024 15:00

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

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

6. Documents attached with tender

S.No.	Document Name	Document Description
1	Tenderdoc_PSI_R1.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: SANTOSH KUMAR ANKAM

Designation : DYPMelect