

**SCR-CONST-HQ-ELECTRICAL/SOUTH CENTRAL RLY
TENDER DOCUMENT**

Tender No: E29CTrDSC_03-2026-27

Closing Date/Time: 17/07/2026 15:00

CEE/CON/SC acting for and on behalf of The President of India invites E-Tenders against Tender No **E29CTrDSC_03-2026-27** Closing Date/Time 17/07/2026 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	Design, Supply, Erection, Testing & Commissioning of 25kV, 50Hz single phase a.c. traction overhead equipment with 65 sq.mm catenary and 107/150 sq.mm contact wire, LT supply transformer stations including modifications to the existing OHE in view of proposed " Augmentation of infrastucture facilities for maintenance of Vandhe-Bharat rakes at TSMD/Moula-ali" of South Central Railway		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	17/07/2026 15:00	Date Time Of Uploading Tender	17/06/2026 15:40
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	23693449.00	Tendering Section	TRD
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money (Rs.)	473900.00	Validity of Offer (Days)	120
Tender Doc. Cost (Rs.)	0.00	Period of Completion	9 Months
Contract Type	Works - General	Contract Category	Expenditure
Bidding Start Date	03/07/2026		
Are JV allowed to bid	No	Number of JV Member Allowed	0
Are Consortium allowed to bid	No	Number of Consortium Member Allowed	0
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 () A1-SOR: OHE & PSI Items							8647361.00	Above/ Below/Par
1	Please see Item Breakup for details.				70231.00	AT Par	70231.00	
	Description:- 1(a) Preparation of Design & Drawings for Overhead Equipment							
2	Please see Item Breakup for details.				11869.00	AT Par	11869.00	
	Description:- 1(c) Preparation of Traction Working Rule Diagram along with Working Instructions							
3	Please see Item Breakup for details.				30504.00	AT Par	30504.00	
	Description:- 1(d)Supply and Installation of Traction Working Rule Diagram Boards							
4	Please see Item Breakup for details.				138600.00	AT Par	138600.00	
	Description:- 3(a)Erection of Traction Masts, Feeder Masts, AT Mast and Main Masts of Switching Stations.							
5	Please see Item Breakup for details.				229005.00	AT Par	229005.00	
	Description:- 3(b)Erection of TTCs, Portals and Small Parts Steel (SPS)							
6	Please see Item Breakup for details.				240373.00	AT Par	240373.00	
	Description:- 3(e)Supply and erection of Guy rod assembly.							
7	Please see Item Breakup for details.				158328.00	AT Par	158328.00	
	Description:- 4(a)(i)Supply (without Insulators) and Erection of Single Cantilever Assembly for Conventional OHE							
8	Please see Item Breakup for details.				4857.00	AT Par	4857.00	
	Description:- 4(a)(ii)Erection of Two Cantilever Assemblies on same structure or support for Conventional OHE							
9	Please see Item Breakup for details.				903450.00	AT Par	903450.00	

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	Description:- 4(a)(iv) Supply (without Insulators) and Erection of Single Cantilever Assembly for Tramway OHE			
10	Please see Item Breakup for details.	24285.00	AT Par	24285.00
	Description:- 4(a)(v) Erection of Two Cantilever Assemblies on same structure or support for Tramway OHE			
11	Please see Item Breakup for details.	11154.00	AT Par	11154.00
	Description:- 4(a)(vi) Erection of Three Cantilever Assemblies on same structure or support for Tramway OHE			
12	Please see Item Breakup for details.	66710.00	AT Par	66710.00
	Description:- 4 (b) (ii)Supply (without Insulators) and Erection of a Pull Off arrangement for Conventional OHE			
13	Please see Item Breakup for details.	36316.50	AT Par	36316.50
	Description:- 6(a) Supply and Erection of Regulated Conventional OHE			
14	Please see Item Breakup for details.	153987.00	AT Par	153987.00
	Description:- 6(c) Supply and Erection of Regulated Contact wire (Regulated with Bridle wire)			
15	Please see Item Breakup for details.	41400.00	AT Par	41400.00
	Description:- 7(c) Erection of Large span Wire (130 sq.mm)			
16	Please see Item Breakup for details.	223749.00	AT Par	223749.00
	Description:- 8(a)(v) Supply and Erection of Regulating Equipment With Counter-Weight assembly for Conventional OHE			
17	Please see Item Breakup for details.	690816.00	AT Par	690816.00
	Description:- 8 (a)(vi) Supply and Erection of Regulating Equipment With Counter-Weight assembly for Tramway type OHE			
18	Please see Item Breakup for details.	27963.00	AT Par	27963.00
	Description:- 8(b)(ii) Supply (without Insulator) and Erection of Materials for Termination of Conventional OHE			
19	Please see Item Breakup for details.	99144.00	AT Par	99144.00
	Description:- 8(b)(vi) Supply (without Insulator) and Erection of Materials for Termination of Tramway OHE			
20	Please see Item Breakup for details.	25372.00	AT Par	25372.00
	Description:- 9(a) Supply (without Insulators) and Erection of Anti-creep with galvanized steel wire for Conventional OHE			
21	Please see Item Breakup for details.	49018.00	AT Par	49018.00
	Description:- 9(b) Supply (without Insulators) and Erection of Anti-creep with galvanized steel wire for regulated Tramway OHE			
22	Please see Item Breakup for details.	41898.00	AT Par	41898.00
	Description:- 10(a) Extra on item 6(a) or 6(c) for Supply and Erection of additional fittings required at a turnout, cross-over or over-lap etc			
23	Please see Item Breakup for details.	64250.00	AT Par	64250.00
	Description:- 11(a)(i) Supply (without Insulator) and Erection of 25 kV Solid Core Cut-in Insulator.			
24	Please see Item Breakup for details.	25160.00	AT Par	25160.00
	Description:- 11(a)(ii) Supply (without Insulator) and Erection of 25 kV Solid Core Suspension Insulator.			
25	Please see Item Breakup for details.	71160.00	AT Par	71160.00
	Description:- 11(b) Supply (without Insulator) and Erection of 25 kV Post Insulator			
26	Please see Item Breakup for details.	1058140.00	AT Par	1058140.00
	Description:- 12(b) Supply (without Insulators) and Erection of 25 kV Section Insulator Assembly for Tramway OHE			
27	Please see Item Breakup for details.	215095.00	AT Par	215095.00
	Description:- 13(a) Supply (without Insulators) and Erection of 25 kV Single Pole Isolator without earth contact assembly			
28	Please see Item Breakup for details.	714150.00	AT Par	714150.00
	Description:- 13(b) Supply (without Insulators) and Erection of 25 kV Double Pole Isolator without earth contact assembly			
29	Please see Item Breakup for details.	137690.00	AT Par	137690.00
	Description:- 13(c) Supply and Erection of Earth contact assembly for an isolator			
30	Please see Item Breakup for details.	29424.00	AT Par	29424.00
	Description:- 13(d) Supply and Erection of an Interlocking device			
	Please see Item Breakup for details.	11120.00	AT Par	11120.00

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31	Description:- 15(a) Supply and Erection of 50 sq.mm Copper Jumper (C-Jumper, F-Jumper, Anti-Theft Jumper)			
	Please see Item Breakup for details.	28060.00	AT Par	28060.00
32	Description:- 15(b) Supply and Erection of 160 or 105 sq.mm Copper Jumper (Isolator Jumper, G-Jumper)			
	Please see Item Breakup for details.	90960.00	AT Par	90960.00
33	Description:- 16(a) Supply and erection of structure bond			
	Please see Item Breakup for details.	17560.00	AT Par	17560.00
34	Description:- 16(b) Supply and erection of longitudinal bond.			
	Please see Item Breakup for details.	25540.00	AT Par	25540.00
35	Description:- 16(c) Supply and erection of transverse and special bond			
	Please see Item Breakup for details.	48580.00	AT Par	48580.00
36	Description:- 17(a) Supply and Erection of Single Earth Electrode at COP/FOB/PTFE/Steel Girder etc.			
	Please see Item Breakup for details.	26300.00	AT Par	26300.00
37	Description:- 17(b) Supply and erection of earth bus.			
	Please see Item Breakup for details.	10440.00	AT Par	10440.00
38	Description:- 17(d) Supply and Erection of Copper Strips (25 mm x 3 mm) for Equipment Earthing			
	Please see Item Breakup for details.	239600.00	AT Par	239600.00
39	Description:- 26(a)(ii) Supply and erection of 18 mm Copper Bus-bar.			
	Please see Item Breakup for details.	7234.00	AT Par	7234.00
40	Description:- 27(a)Erection of 25 kV/240 V, 5/10/25/50 KVA Auxiliary Transformer			
	Please see Item Breakup for details.	10782.00	AT Par	10782.00
41	Description:- 28 Supply (without insulators) and Erection of 25kV Drop out fuse switch for all oil type Auxiliary Transformer of all capacities			
	Please see Item Breakup for details.	2178.00	AT Par	2178.00
42	Description:- 30(b)(ii) Supply and Erection of Anti-climbing device for Auxiliary Transformer			
	Please see Item Breakup for details.	37400.00	AT Par	37400.00
43	Description:- 31(a) Transfer of Overhead Equipment from one Mast or Support to another, including removal of Cantilever Assembly from old Mast or Support			
	Please see Item Breakup for details.	11580.00	AT Par	11580.00
44	Description:- 31(b) Provision of an additional bracket assembly / assemblies on a mast or support.			
	Please see Item Breakup for details.	27914.00	AT Par	27914.00
45	Description:- 31(c) Dismantling of Overhead Equipment			
	Please see Item Breakup for details.	25580.00	AT Par	25580.00
46	Description:- 31(e) Splicing and Extension of Anchored OHE			
	Please see Item Breakup for details.	52440.00	AT Par	52440.00
47	Description:- 31(f) Dismantling of Section Insulator			
	Please see Item Breakup for details.	17800.00	AT Par	17800.00
48	Description:- 31(h) Dismantling of an Isolator			
	Please see Item Breakup for details.	91860.00	AT Par	91860.00
49	Description:- 31(k)(i) Dismantlement of OHE mast or structure by cutting.			
	Please see Item Breakup for details.	21880.00	AT Par	21880.00
50	Description:- 31(k)(ii) Dismantlement of Upright of TTC/Portal by cutting.			
	Please see Item Breakup for details.	115200.00	AT Par	115200.00
51	Description:- 31(l)(i) Retrieval of Traction Masts, Main Masts of Switching Station, TTC Uprights etc			
	Please see Item Breakup for details.	10480.00	AT Par	10480.00
52	Description:- 31(n) Dismantling of guy rod			
	Please see Item Breakup for details.	1048.00	AT Par	1048.00
53	Description:- 31(o) Releasing of Multiple Cantilever Crossarm cantilever assemblies where single cantilever assembly is leftover			
	Please see Item Breakup for details.	24000.00	AT Par	24000.00
54	Description:- 31(r) Dismantling of Cantilever assembly including insulators.			
	Please see Item Breakup for details.	10168.00	AT Par	10168.00
55	Description:- 31(t)(i) Dismantling of a regulating equipment (Three-pulley type) with counter weight assembly for Conventional OHE.			
	Please see Item Breakup for details.	28110.00	AT Par	28110.00
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	Description:- 31(t)(ii) Dismantling of a regulating equipment (Three-pulley type) with counter weight assembly for Tramway OHE.				
57	Please see Item Breakup for details.	2960.00	AT Par	2960.00	
	Description:- 31(t)(iii) Dismantling of Anti-creep with galvanized steel wire or cadmium catenary wire				
58	Please see Item Breakup for details.	700.00	AT Par	700.00	
	Description:- 31(t)(iv) Dismantling of all types of Copper Jumpers				
59	Please see Item Breakup for details.	5150.00	AT Par	5150.00	
	Description:- 31(t)(vi) Dismantling of Termination for Tramway type Overhead Equipment				
60	Please see Item Breakup for details.	43760.00	AT Par	43760.00	
	Description:- 31(t)(ix) Re-adjustment of OHE Spans, including droppers				
61	Please see Item Breakup for details.	11600.00	AT Par	11600.00	
	Description:- 31(t)(x) Dismantling of Structure Bond / Longitudinal Bond / Transverse and Special Bond				
62	Please see Item Breakup for details.	41580.00	AT Par	41580.00	
	Description:- 32/3(a) Extra charges for Erection of Traction Masts, Feeder Masts, AT Mast and Main Masts of Switching Stations under power block				
63	Please see Item Breakup for details.	68701.50	AT Par	68701.50	
	Description:- 32/3(b) Extra charges for Erection of TTCs, Portals and Small Parts Steel (SPS) under power block				
64	Please see Item Breakup for details.	6720.00	AT Par	6720.00	
	Description:- 32/3(e)Extra charges for erection of Guy rod assembly under power block				
65	Please see Item Breakup for details.	31320.00	AT Par	31320.00	
	Description:- 32/4(a) (iv) Extra charges for Erection of Single Cantilever assembly for Tramway OHE under power block				
66	Please see Item Breakup for details.	43525.80	AT Par	43525.80	
	Description:- 32/6(c) Extra charges for Erection of regulated contact wire (Regulated with bridle wire) under power block.				
67	Please see Item Breakup for details.	16000.00	AT Par	16000.00	
	Description:- 32/8(a) (vi) Extra charges for Erection of regulating equipment with counter-weight for Tramway OHE under power block				
68	Please see Item Breakup for details.	6000.00	AT Par	6000.00	
	Description:- 32/8(b) (vi) Extra charges for Erection of Materials for Termination of Tramway OHE under power block				
69	Please see Item Breakup for details.	6744.00	AT Par	6744.00	
	Description:- 32/9(b) Extra charges for Erection of anti creep with galvanised steel wire for regulated Tramway OHE under power block				
70	Please see Item Breakup for details.	3750.00	AT Par	3750.00	
	Description:- 32/10(a) Extra charges for Extra on item 6(a) or 6(c) for Erection of additional fittings required at a turnout, cross-over or over-lap under power block				
71	Please see Item Breakup for details.	5688.00	AT Par	5688.00	
	Description:- 32/11(a) (i)Extra charges for Erection of 25 kV solid core cut-in insulator under power block				
72	Please see Item Breakup for details.	1482.00	AT Par	1482.00	
	Description:- 32/11(a) (ii)Extra charges for Erection of 25 kV solid core suspension insulator under power block				
73	Please see Item Breakup for details.	6048.00	AT Par	6048.00	
	Description:- 32/11(b)Extra charges for Erection of 25 kV Post Insulator under power block				
74	Please see Item Breakup for details.	18702.00	AT Par	18702.00	
	Description:- 32/12(a) Extra charges for Erection of 25 kV Section Insulator Assembly for Conventional OHE under power block				
75	Please see Item Breakup for details.	14455.00	AT Par	14455.00	
	Description:- 32/13(a)Extra charges for Erection of 25 kV Single Pole Isolator without earth contact assembly under power block				
76	Please see Item Breakup for details.	41880.00	AT Par	41880.00	
	Description:- 32/13(b) Extra charges for Erection of 25 kV Double Pole Isolator without earth contact assembly under power block				
77	Please see Item Breakup for details.	4120.00	AT Par	4120.00	

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	Description:- 32/13(c) Extra charges for Erection of earth contact assembly for an isolator under power block				
78	Please see Item Breakup for details.	1068.00	AT Par	1068.00	
	Description:- 32/15(a) Extra charges for Erection of 50 sq.mm Copper Jumper (C-Jumper, F-Jumper, Anti-Theft Jumper) under power block				
79	Please see Item Breakup for details.	6800.00	AT Par	6800.00	
	Description:- 32/15(b) Extra charges for Erection of 160 or 105 sq.mm Copper Jumper (Isolator Jumper, G-Jumper) under power block				
80	Please see Item Breakup for details.	14600.00	AT Par	14600.00	
	Description:- 32/26(a)(ii) Extra charges for Erection of 18 mm Copper Bus-bar under power block				
81	Please see Item Breakup for details.	11220.00	AT Par	11220.00	
	Description:- 32/31(a) Extra charges for Transfer of Overhead Equipment from one Mast or Support to another, including removal of Cantilever Assembly from old Mast or Support under power block.				
82	Please see Item Breakup for details.	4632.00	AT Par	4632.00	
	Description:- 32/31(b) Extra charges for Provision of additional bracket assembly / assemblies on a mast or support under power block.				
83	Please see Item Breakup for details.	8374.20	AT Par	8374.20	
	Description:- 32/31(c) Extra charges for Dismantling of Over Head Equipment under power block.				
84	Please see Item Breakup for details.	7674.00	AT Par	7674.00	
	Description:- 32/31(e) Extra charges for Splicing and extension of anchored OHE under power block.				
85	Please see Item Breakup for details.	52440.00	AT Par	52440.00	
	Description:- 32/31(f) Extra charges for Dismantling of section Insulator under power block.				
86	Please see Item Breakup for details.	27558.00	AT Par	27558.00	
	Description:- 32/31(k)(i) Extra charges for Dismantlement of OHE mast or structure by cutting under power block.				
87	Please see Item Breakup for details.	34560.00	AT Par	34560.00	
	Description:- 32/31(l)(i) Extra charges for Retrieval of traction masts, main mast of switching station, TTC uprights etc. under power block.				
88	Please see Item Breakup for details.	3144.00	AT Par	3144.00	
	Description:- 32/31(n) Extra charges for Dismantling of guy rod under power block.				
89	Please see Item Breakup for details.	1048.00	AT Par	1048.00	
	Description:- 32/31(o) Extra charges for Releasing of Multiple Cantilever Crossarm cantilever assemblies where single cantilever assembly is leftover under power block.				
90	Please see Item Breakup for details.	7200.00	AT Par	7200.00	
	Description:- 32/31(r) Extra charges for Dismantling of Cantilever assembly including insulators under power block.				
91	Please see Item Breakup for details.	7496.00	AT Par	7496.00	
	Description:- 32/31(t)(ii) Extra charges for Dismantling of a regulating equipment (Three-pulley type) with counter weight assembly for Tramway OHE under power block.				
92	Please see Item Breakup for details.	2960.00	AT Par	2960.00	
	Description:- 32/31(t)(iii) Extra charges for Dismantling of anticreep with galvanized Steel wire or cadmium catenary wire under power block				
93	Please see Item Breakup for details.	1400.00	AT Par	1400.00	
	Description:- 32/31(t)(iv) Extra charges for Dismantling of all types of copper jumpers under power block.				
94	Please see Item Breakup for details.	2575.00	AT Par	2575.00	
	Description:- 32/31(t)(vi) Extra charges for Dismantling of Termination for Tramway type Overhead Equipment under power block.				
95	Please see Item Breakup for details.	43760.00	AT Par	43760.00	
	Description:- 32/31(t)(ix) Extra charges for Re-adjustment of OHE Spans, including droppers under power block				
96	Please see Item Breakup for details.	14900.00	AT Par	14900.00	
	Description:- 34(f) Excavation of Earth, filling including compaction in all kinds of soil				
97	Please see Item Breakup for details.	1331800.00	AT Par	1331800.00	
	Description:- 34(j) Providing and Laying Pitching with Stone Boulders				
98	Please see Item Breakup for details.	6300.00	AT Par	6300.00	
	Description:- 36(a) Unloading of all types of Steel Structures.				
99	Please see Item Breakup for details.	10800.00	AT Par	10800.00	

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	Description:- 36(b) Loading of all type of Steel Structures.				
100	Please see Item Breakup for details.	480.00	AT Par	480.00	
	Description:- 37(a) Unloading of all types of Copper & Aluminum conductors.				
101	Please see Item Breakup for details.	480.00	AT Par	480.00	
	Description:- 37(b) Loading of all types of Copper & Aluminum conductors.				
102	Please see Item Breakup for details.	13920.00	AT Par	13920.00	
	Description:- 38 Transportation of OHE structures / Materials / Equipments				
103	Please see Item Breakup for details.	11725.00	AT Par	11725.00	
	Description:- 41(b) Supply and Erection of Enamel type Public Caution board				
104	Please see Item Breakup for details.	7815.00	AT Par	7815.00	
	Description:- 41(c) Supply and Erection of Enamel type Staff Caution board				
105	Please see Item Breakup for details.	7178.00	AT Par	7178.00	
	Description:- 41(d) Supply and Erection of Retro-Reflective Type Electric Engine Stop Board/Caution Unwired Turnout Board				
106	Please see Item Breakup for details.	7315.00	AT Par	7315.00	
	Description:- 41(e) Supply and Erection of Retro-Reflective Type Power Block Working Limit Board				
107	Please see Item Breakup for details.	5010.00	AT Par	5010.00	
	Description:- 41(f) Supply and Erection of Enamel type Caution Clearance to OHE nearby Restricted Board				
108	Please see Item Breakup for details.	2655.00	AT Par	2655.00	
	Description:- 41(h) Supply and Erection of Vitreous Enameled 25 kV Danger Board with skull & bones for Overline Structure (OLS) and Auxiliary Transformer				
109	Please see Item Breakup for details.	4345.00	AT Par	4345.00	
	Description:- 41(j) Supply and Erection of Retro-Reflective Sigma Board				
110	Please see Item Breakup for details.	15330.00	AT Par	15330.00	
	Description:- 42 Supply and Erection of Shock Treatment Chart				

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () A2-SOR: Foundation items (incl. Supply & Erection)							3119230.00	Above/ Below/P ar
1	Please see Item Breakup for details.	100040.00	AT Par	100040.00				
	Description:- 2(a)(i)Concrete for foundations and plinth in Hard Soil							
2	Please see Item Breakup for details.	102590.00	AT Par	102590.00				
	Description:- 2(a)(ii)Concrete for foundations and plinth in Rocky Soil							
3	Please see Item Breakup for details.	2769000.00	AT Par	2769000.00				
	Description:- 2(b)Concrete for foundations and plinth in other than Hard and Rock Soil							
4	Please see Item Breakup for details.	147600.00	AT Par	147600.00				
	Description:- 2 (i) Breaking of foundation up to 200 mm below track formation and drain / PF surface etc							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () B1-SOR: Steel Supply							7376940.00	Above/ Below/P ar
1	Please see Item Breakup for details.	5286960.00	AT Par	5286960.00				
	Description:- 3(as)Supply of Rolled or Fabricated and Galvanized Traction Masts, Switching Station Masts, AT masts, Feeder masts etc							
2	Please see Item Breakup for details.	1353700.00	AT Par	1353700.00				
	Description:- 3(bs)Supply of Fabricated and Galvanized structures such as TTCs, Portals, other than masts							
3	Please see Item Breakup for details.	736280.00	AT Par	736280.00				
	Description:- 3(cs)Supply of Fabricated and Galvanized Small Parts Steel (SPS) other than Masts, TTCs and Portals.							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
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Schedule () B2-SOR: Copper Supply							1283810.00	Above/ Below/P ar
1	Please see Item Breakup for details.			27000.00	AT Par	27000.00		
	Description:- 6(cs)Supply of 7 mm dia Hard Drawn Round Copper Dropper Wire							
2	Please see Item Breakup for details.			137500.00	AT Par	137500.00		
	Description:- 6(ds)Supply of 5 mm dia Hard Drawn Round Copper Dropper Wire							
3	Please see Item Breakup for details.			207620.00	AT Par	207620.00		
	Description:- 6(es) Supply of Cadmium Copper Bridle Wire (7/2.1mm)							
4	Please see Item Breakup for details.			658000.00	AT Par	658000.00		
	Description:- 7(cs) Supply of 130 sq.mm Cadmium Copper Large Span Wire							
5	Please see Item Breakup for details.			50440.00	AT Par	50440.00		
	Description:- 15(as) Supply of 50 sq.mm Annealed Stranded Copper Jumper Wire							
6	Please see Item Breakup for details.			203250.00	AT Par	203250.00		
	Description:- 15(bs) Supply of 160 sq.mm Annealed Stranded Copper Jumper Wire							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () B3-SOR: Insulator Supply							1716949.00	Above/ Below/P ar
1	Please see Item Breakup for details.			669285.00	AT Par	669285.00		
	Description:- 4(ax)Supply of Porcelain Stay and Bracket Insulators for Item No. 4(a)(i) / 4(a)(iv)							
2	Please see Item Breakup for details.			3823.00	AT Par	3823.00		
	Description:- 4(axx)Supply of Composite Stay and Bracket Insulators for Item No. 4(a)(i) / 4(a)(iv)							
3	Please see Item Breakup for details.			269425.00	AT Par	269425.00		
	Description:- 8(bx)Supply of Porcelain 9-ton Insulator for item no. 8(b)(i)/8(b)(ii)/8(b)(iii)/8(b)(vi)/8(b)(ix)/9(a)/9(b)/9(c)/9(d)/11(a)(i)/11(a)(ii)							
4	Please see Item Breakup for details.			1920.00	AT Par	1920.00		
	Description:- 8(bxx)Supply of Composite 9-ton Insulator for item no. 8(b)(i)/8(b)(ii)/8(b)(iii)/8(b)(vi)/8(b)(ix)/9(a)/9(b)/9(c)/9(d)/11(a)(i)/11(a)(ii)							
5	Please see Item Breakup for details.			333480.00	AT Par	333480.00		
	Description:- 11(bx)Supply of Post Insulator for Item no. 11(b)							
6	Please see Item Breakup for details.			214360.00	AT Par	214360.00		
	Description:- 12(ax)Supply of Sectioning and 9-ton Insulators for Item no. 12(a)							
7	Please see Item Breakup for details.			213540.00	AT Par	213540.00		
	Description:- 13(ax)Supply of Post and Operating Rod Insulators for Item no. 13(a)/13(f).							
8	Please see Item Breakup for details.			11116.00	AT Par	11116.00		
	Description:- 28 (x) Supply of Post insulators for item no. 28							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () B4-Schedule B4 SOR; General supply							136616.00	Above/ Below/P ar
1	Please see Item Breakup for details.			132455.00	AT Par	132455.00		
	Description:- Supply of 25 KVA, 25 kV/ 240 V Oil filled Auxiliary Transformer							
2	Please see Item Breakup for details.			4161.00	AT Par	4161.00		
	Description:- Supply of 25 kV Operating Rod For Drop Out Fuse Switch							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () E -Non-SOR: Tools and plants							1412543.00	Above/ Below/P ar
1	Please see Item Breakup for details.			1000109.00	AT Par	1000109.00		
	Description:- Supply of Relay test kit for testing of single phase for 132/27.5 kV AC railway substation numerical relays with all accessories Make: KIGG/MEGGER/MOTWANE or similar							
2	Please see Item Breakup for details.			48000.00	AT Par	48000.00		
	Description:- Supply of isolator OHE Key box along with locking arrangements							

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3	Please see Item Breakup for details.	210000.00	AT Par	210000.00	
	Description:- Supply of insulator box along with locking arrangements				
4	Please see Item Breakup for details.	44604.00	AT Par	44604.00	
	Description:- Supply of electrical hand gloves class-4 (36000V) insulation				
5	Please see Item Breakup for details.	6750.00	AT Par	6750.00	
	Description:- Supply of 52kg Rail template- For drilling of hole at Rail neutral axis.				
6	Please see Item Breakup for details.	7500.00	AT Par	7500.00	
	Description:- Supply of 60kg Rail template- For drilling of hole at Rail neutral axis.				
7	Please see Item Breakup for details.	95580.00	AT Par	95580.00	
	Description:- Supply of Discharge earthing rod assembly				

3. ITEM BREAKUP

Schedule	Schedule A1-SOR: OHE & PSI Items					
Item- 1	1(a) Preparation of Design & Drawings for Overhead Equipment					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Per Track KM	3.50	20066.00	70231.00
					Total	70231.00
Item- 2	1(c) Preparation of Traction Working Rule Diagram along with Working Instructions					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	1.00	11869.00	11869.00
					Total	11869.00
Item- 3	1(d)Supply and Installation of Traction Working Rule Diagram Boards					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Square Foot	24.00	1271.00	30504.00
					Total	30504.00
Item- 4	3(a)Erection of Traction Masts, Feeder Masts, AT Mast and Main Masts of Switching Stations.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	MT	40.00	3465.00	138600.00
					Total	138600.00
Item- 5	3(b)Erection of TTCs, Portals and Small Parts Steel (SPS)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	MT	15.00	15267.00	229005.00
					Total	229005.00
Item- 6	3(e)Supply and erection of Guy rod assembly.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	23.00	9331.00	214613.00
2	2	Erection/Labour	Each	23.00	1120.00	25760.00
					Total	240373.00
Item- 7	4(a)(i)Supply (without Insulators) and Erection of Single Cantilever Assembly for Conventional OHE					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	12.00	12114.00	145368.00
2	2	Erection/Labour	Each	12.00	1080.00	12960.00
					Total	158328.00
Item- 8	4(a)(ii)Erection of Two Cantilever Assemblies on same structure or support for Conventional OHE					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	3.00	1619.00	4857.00

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						Total	4857.00
Item- 9	4(a)(iv) Supply (without Insulators) and Erection of Single Cantilever Assembly for Tramway OHE						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Supply/Material	Each	95.00	8430.00	800850.00	
2	2	Erection/Labour	Each	95.00	1080.00	102600.00	
						Total	903450.00
Item- 10	4(a)(v) Erection of Two Cantilever Assemblies on same structure or support for Tramway OHE						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/Labour	Each	15.00	1619.00	24285.00	
						Total	24285.00
Item- 11	4(a)(vi) Erection of Three Cantilever Assemblies on same structure or support for Tramway OHE						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/Labour	Each	6.00	1859.00	11154.00	
						Total	11154.00
Item- 12	4 (b) (ii)Supply (without Insulators) and Erection of a Pull Off arrangement for Conventional OHE						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	01	Supply/Material	Each	10.00	6078.00	60780.00	
2	02	Erection/Labour	Each	10.00	593.00	5930.00	
						Total	66710.00
Item- 13	6(a) Supply and Erection of Regulated Conventional OHE						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Supply/Material	Per Track KM	0.50	24271.00	12135.50	
2	2	Erection/Labour	Per Track KM	0.50	48362.00	24181.00	
						Total	36316.50
Item- 14	6(c) Supply and Erection of Regulated Contact wire (Regulated with Bridle wire)						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Supply/Material	Per Track KM	3.00	19908.00	59724.00	
2	2	Erection/Labour	Per Track KM	3.00	31421.00	94263.00	
						Total	153987.00
Item- 15	7(c) Erection of Large span Wire (130 sq.mm)						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/Labour	Metre	200.00	207.00	41400.00	
						Total	41400.00
Item- 16	8(a)(v) Supply and Erection of Regulating Equipment With Counter-Weight assembly for Conventional OHE						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Supply/Material	Each	3.00	70583.00	211749.00	
2	2	Erection/Labour	Each	3.00	4000.00	12000.00	
						Total	223749.00
Item- 17	8 (a)(vi) Supply and Erection of Regulating Equipment With Counter-Weight assembly for Tramway type OHE						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Supply/Material	Each	12.00	53568.00	642816.00	

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2	2	Erection/Labour	Each	12.00	4000.00	48000.00
Total					690816.00	
Item- 18	8(b)(ii) Supply (without Insulator) and Erection of Materials for Termination of Conventional OHE					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	3.00	8201.00	24603.00
2	2	Erection/Labour	Each	3.00	1120.00	3360.00
Total					27963.00	
Item- 19	8(b)(vi) Supply (without Insulator) and Erection of Materials for Termination of Tramway OHE					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	18.00	4508.00	81144.00
2	2	Erection/Labour	Each	18.00	1000.00	18000.00
Total					99144.00	
Item- 20	9(a) Supply (without Insulators) and Erection of Anti-creep with galvanized steel wire for Conventional OHE					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	1.00	22000.00	22000.00
2	2	Erection/Labour	Each	1.00	3372.00	3372.00
Total					25372.00	
Item- 21	9(b) Supply (without Insulators) and Erection of Anti-creep with galvanized steel wire for regulated Tramway OHE					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	2.00	21137.00	42274.00
2	2	Erection/Labour	Each	2.00	3372.00	6744.00
Total					49018.00	
Item- 22	10(a) Extra on item 6(a) or 6(c) for Supply and Erection of additional fittings required at a turnout, cross-over or over-lap etc					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	6.00	5733.00	34398.00
2	2	Erection/Labour	Each	6.00	1250.00	7500.00
Total					41898.00	
Item- 23	11(a)(i) Supply (without Insulator) and Erection of 25 kV Solid Core Cut-in Insulator.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	25.00	1859.00	46475.00
2	2	Erection/Labour	Each	25.00	711.00	17775.00
Total					64250.00	
Item- 24	11(a)(ii) Supply (without Insulator) and Erection of 25 kV Solid Core Suspension Insulator.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	10.00	2022.00	20220.00
2	2	Erection/Labour	Each	10.00	494.00	4940.00
Total					25160.00	
Item- 25	11(b) Supply (without Insulator) and Erection of 25 kV Post Insulator					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	60.00	850.00	51000.00
2	2	Erection/Labour	Each	60.00	336.00	20160.00
Total					71160.00	
Item- 26	12(b) Supply (without Insulators) and Erection of 25 kV Section Insulator Assembly for Tramway OHE					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	20.00	49350.00	987000.00

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2	2	Erection/Labour	Each	20.00	3557.00	71140.00
					Total	1058140.00
Item- 27	13(a) Supply (without Insulators) and Erection of 25 kV Single Pole Isolator without earth contact assembly					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	5.00	40128.00	200640.00
2	2	Erection/labour	Each	5.00	2891.00	14455.00
					Total	215095.00
Item- 28	13(b) Supply (without Insulators) and Erection of 25 kV Double Pole Isolator without earth contact assembly					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	10.00	67227.00	672270.00
2	2	Erection/Labour	Each	10.00	4188.00	41880.00
					Total	714150.00
Item- 29	13(c) Supply and Erection of Earth contact assembly for an isolator					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	10.00	13357.00	133570.00
2	2	Erection/labour	Each	10.00	412.00	4120.00
					Total	137690.00
Item- 30	13(d) Supply and Erection of an Interlocking device					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	6.00	4610.00	27660.00
2	2	Erection/labour	Each	6.00	294.00	1764.00
					Total	29424.00
Item- 31	15(a) Supply and Erection of 50 sq.mm Copper Jumper (C-Jumper, F-Jumper, Anti-Theft Jumper)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	10.00	756.00	7560.00
2	2	Erection/labour	Each	10.00	356.00	3560.00
					Total	11120.00
Item- 32	15(b) Supply and Erection of 160 or 105 sq.mm Copper Jumper (Isolator Jumper, G-Jumper)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	10.00	2126.00	21260.00
2	2	Erection/labour	Each	10.00	680.00	6800.00
					Total	28060.00
Item- 33	16(a) Supply and erection of structure bond					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	80.00	833.00	66640.00
2	2	Erection/labour	Each	80.00	304.00	24320.00
					Total	90960.00
Item- 34	16(b) Supply and erection of longitudinal bond.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	20.00	604.00	12080.00
2	2	Erection/labour	Each	20.00	274.00	5480.00
					Total	17560.00
Item- 35	16(c) Supply and erection of transverse and special bond					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	20.00	951.00	19020.00
2	2	Erection/labour	Each	20.00	326.00	6520.00
					Total	25540.00

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Item- 36	17(a) Supply and Erection of Single Earth Electrode at COP/FOB/PTFE/Steel Girder etc.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	10.00	3511.00	35110.00
2	2	Erection/labour	Each	10.00	1347.00	13470.00
					Total	48580.00
Item- 37	17(b) Supply and erection of earth bus.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Metre	100.00	183.00	18300.00
2	2	Erection/labour	Metre	100.00	80.00	8000.00
					Total	26300.00
Item- 38	17(d) Supply and Erection of Copper Strips (25 mm x 3 mm) for Equipment Earthing					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Metre	10.00	959.00	9590.00
2	2	Erection/labour	Metre	10.00	85.00	850.00
					Total	10440.00
Item- 39	26(a)(ii) Supply and erection of 18 mm Copper Bus-bar.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Metre	100.00	2250.00	225000.00
2	2	Erection/labour	Metre	100.00	146.00	14600.00
					Total	239600.00
Item- 40	27(a)Erection of 25 kV/240 V, 5/10/25/50 KVA Auxiliary Transformer					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	01	Erection/Labour	Each	1.00	7234.00	7234.00
					Total	7234.00
Item- 41	28 Supply (without insulators) and Erection of 25kV Drop out fuse switch for all oil type Auxiliary Transformer of all capacities					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	01	Supply/Material	Each	1.00	10219.00	10219.00
2	02	Erection/Labour	Each	1.00	563.00	563.00
					Total	10782.00
Item- 42	30(b)(ii) Supply and Erection of Anti-climbing device for Auxiliary Transformer					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	01	Supply/Material	Each	1.00	1795.00	1795.00
2	02	Erection/Labour	Each	1.00	383.00	383.00
					Total	2178.00
Item- 43	31(a) Transfer of Overhead Equipment from one Mast or Support to another, including removal of Cantilever Assembly from old Mast or Support					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/labour	Each	20.00	1870.00	37400.00
					Total	37400.00
Item- 44	31(b) Provision of an additional bracket assembly / assemblies on a mast or support.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/labour	Each	5.00	2316.00	11580.00
					Total	11580.00
Item- 45	31(c) Dismantling of Overhead Equipment					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/labour	Per Track KM	2.00	13957.00	27914.00

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						Total	27914.00
Item- 46	31(e) Splicing and Extension of Anchored OHE						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/labour	Set	10.00	2558.00	25580.00	
						Total	25580.00
Item- 47	31(f) Dismantling of Section Insulator						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/labour	Each	20.00	2622.00	52440.00	
						Total	52440.00
Item- 48	31(h) Dismantling of an Isolator						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/labour	Each	10.00	1780.00	17800.00	
						Total	17800.00
Item- 49	31(k)(i) Dismantlement of OHE mast or structure by cutting.						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/labour	Each	30.00	3062.00	91860.00	
						Total	91860.00
Item- 50	31(k)(ii) Dismantlement of Upright of TTC/Portal by cutting.						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/labour	Each	5.00	4376.00	21880.00	
						Total	21880.00
Item- 51	31(l)(i) Retrieval of Traction Masts, Main Masts of Switching Station, TTC Uprights etc						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/labour	Each	10.00	11520.00	115200.00	
						Total	115200.00
Item- 52	31(n) Dismantling of guy rod						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/labour	Each	20.00	524.00	10480.00	
						Total	10480.00
Item- 53	31(o) Releasing of Multiple Cantilever Crossarm cantilever assemblies where single cantilever assembly is leftover						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/labour	Each	2.00	524.00	1048.00	
						Total	1048.00
Item- 54	31(r) Dismantling of Cantilever assembly including insulators.						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/Labour	Each	50.00	480.00	24000.00	
						Total	24000.00
Item- 55	31(t)(i) Dismantling of a regulating equipment (Three-pulley type) with counter weight assembly for Conventional OHE.						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/Labour	Each	4.00	2542.00	10168.00	
						Total	10168.00
Item- 56	31(t)(ii) Dismantling of a regulating equipment (Three-pulley type) with counter weight assembly for Tramway OHE.						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/Labour	Each	15.00	1874.00	28110.00	
						Total	28110.00

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Item- 57	31(t)(iii) Dismantling of Anti-creep with galvanized steel wire or cadmium catenary wire					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	2.00	1480.00	2960.00
					Total	2960.00
Item- 58	31(t)(iv) Dismantling of all types of Copper Jumpers					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	5.00	140.00	700.00
					Total	700.00
Item- 59	31(t)(vi) Dismantling of Termination for Tramway type Overhead Equipment					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	2	Erection/Labour	Each	10.00	515.00	5150.00
					Total	5150.00
Item- 60	31(t)(ix) Re-adjustment of OHE Spans, including droppers					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each Span	10.00	4376.00	43760.00
					Total	43760.00
Item- 61	31(t)(x) Dismantling of Structure Bond / Longitudinal Bond / Transverse and Special Bond					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	80.00	145.00	11600.00
					Total	11600.00
Item- 62	32/3(a) Extra charges for Erection of Traction Masts, Feeder Masts, AT Mast and Main Masts of Switching Stations under power block					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	MT	12.00	3465.00	41580.00
					Total	41580.00
Item- 63	32/3(b) Extra charges for Erection of TTCs, Portals and Small Parts Steel (SPS) under power block					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	MT	4.50	15267.00	68701.50
					Total	68701.50
Item- 64	32/3(e)Extra charges for erection of Guy rod assembly under power block					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	6.00	1120.00	6720.00
					Total	6720.00
Item- 65	32/4(a) (iv) Extra charges for Erection of Single Cantilever assembly for Tramway OHE under power block					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	29.00	1080.00	31320.00
					Total	31320.00
Item- 66	32/6(c) Extra charges for Erection of regulated contact wire (Regulated with bridle wire) under power block.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Per Track KM	0.90	48362.00	43525.80
					Total	43525.80
Item- 67	32/8(a) (vi) Extra charges for Erection of regulating equipment with counter-weight for Tramway OHE under power block					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount

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1	1	Erection/Labour	Each	4.00	4000.00	16000.00
					Total	16000.00
Item- 68	32/8(b) (vi) Extra charges for Erection of Materials for Termination of Tramway OHE under power block					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	6.00	1000.00	6000.00
					Total	6000.00
Item- 69	32/9(b) Extra charges for Erection of anti creep with galvanised steel wire for regulated Tramway OHE under power block					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	2.00	3372.00	6744.00
					Total	6744.00
Item- 70	32/10(a) Extra charges for Extra on item 6(a) or 6(c) for Erection of additional fittings required at a turnout, cross-over or over-lap under power block					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	3.00	1250.00	3750.00
					Total	3750.00
Item- 71	32/11(a) (i)Extra charges for Erection of 25 kV solid core cut-in insulator under power block					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	8.00	711.00	5688.00
					Total	5688.00
Item- 72	32/11(a) (ii)Extra charges for Erection of 25 kV solid core suspension insulator under power block					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	3.00	494.00	1482.00
					Total	1482.00
Item- 73	32/11(b)Extra charges for Erection of 25 kV Post Insulator under power block					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	18.00	336.00	6048.00
					Total	6048.00
Item- 74	32/12(a) Extra charges for Erection of 25 kV Section Insulator Assembly for Conventional OHE under power block					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	6.00	3117.00	18702.00
					Total	18702.00
Item- 75	32/13(a)Extra charges for Erection of 25 kV Single Pole Isolator without earth contact assembly under power block					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	5.00	2891.00	14455.00
					Total	14455.00
Item- 76	32/13(b) Extra charges for Erection of 25 kV Double Pole Isolator without earth contact assembly under power block					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	10.00	4188.00	41880.00
					Total	41880.00
Item- 77	32/13(c) Extra charges for Erection of earth contact assembly for an isolator under power block					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	10.00	412.00	4120.00

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						Total	4120.00
Item- 78	32/15(a) Extra charges for Erection of 50 sq.mm Copper Jumper (C-Jumper, F-Jumper, Anti-Theft Jumper) under power block						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/Labour	Each	3.00	356.00	1068.00	
						Total	1068.00
Item- 79	32/15(b) Extra charges for Erection of 160 or 105 sq.mm Copper Jumper (Isolator Jumper, G-Jumper) under power block						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/Labour	Each	10.00	680.00	6800.00	
						Total	6800.00
Item- 80	32/26(a)(ii) Extra charges for Erection of 18 mm Copper Bus-bar under power block						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/Labour	Metre	100.00	146.00	14600.00	
						Total	14600.00
Item- 81	32/31(a) Extra charges for Transfer of Overhead Equipment from one Mast or Support to another, including removal of Cantilever Assembly from old Mast or Support under power block.						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/Labour	Each	6.00	1870.00	11220.00	
						Total	11220.00
Item- 82	32/31(b) Extra charges for Provision of additional bracket assembly / assemblies on a mast or support under power block.						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/Labour	Each	2.00	2316.00	4632.00	
						Total	4632.00
Item- 83	32/31(c) Extra charges for Dismantling of Over Head Equipment under power block.						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/Labour	Per Track KM	0.60	13957.00	8374.20	
						Total	8374.20
Item- 84	32/31(e) Extra charges for Splicing and extension of anchored OHE under power block.						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/Labour	Set	3.00	2558.00	7674.00	
						Total	7674.00
Item- 85	32/31(f) Extra charges for Dismantling of section Insulator under power block.						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/Labour	Each	20.00	2622.00	52440.00	
						Total	52440.00
Item- 86	32/31(k)(i) Extra charges for Dismantlement of OHE mast or structure by cutting under power block.						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/Labour	Each	9.00	3062.00	27558.00	
						Total	27558.00
Item- 87	32/31(l)(i) Extra charges for Retrieval of traction masts, main mast of switching station, TTC uprights etc. under power block.						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/Labour	Each	3.00	11520.00	34560.00	
						Total	34560.00
Item- 88	32/31(n) Extra charges for Dismantling of guy rod under power block.						

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S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	6.00	524.00	3144.00
					Total	3144.00
Item- 89	32/31(o) Extra charges for Releasing of Multiple Cantilever Crossarm cantilever assemblies where single cantilever assembly is leftover under power block.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	2.00	524.00	1048.00
					Total	1048.00
Item- 90	32/31(r) Extra charges for Dismantling of Cantilever assembly including insulators under power block.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	15.00	480.00	7200.00
					Total	7200.00
Item- 91	32/31(t)(ii) Extra charges for Dismantling of a regulating equipment (Three-pulley type) with counter weight assembly for Tramway OHE under power block.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	4.00	1874.00	7496.00
					Total	7496.00
Item- 92	32/31(t)(iii)Extra charges for Dismantling of anticreep with galvanized Steel wire or cadmium catenary wire under power block					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	2.00	1480.00	2960.00
					Total	2960.00
Item- 93	32/31(t)(iv) Extra charges for Dismantling of all types of copper jumpers under power block.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	10.00	140.00	1400.00
					Total	1400.00
Item- 94	32/31(t)(vi) Extra charges for Dismantling of Termination for Tramway type Overhead Equipment under power block.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	5.00	515.00	2575.00
					Total	2575.00
Item- 95	32/31(t)(ix) Extra charges for Re-adjustment of OHE Spans, including droppers under power block					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each Span	10.00	4376.00	43760.00
					Total	43760.00
Item- 96	34(f) Excavation of Earth, filling including compaction in all kinds of soil					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	cum	50.00	298.00	14900.00
					Total	14900.00
Item- 97	34(j) Providing and Laying Pitching with Stone Boulders					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	cum	200.00	6659.00	1331800.00
					Total	1331800.00
Item- 98	36(a) Unloading of all types of Steel Structures.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount

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1	1	Erection/Labour	MT	45.00	140.00	6300.00
					Total	6300.00
Item- 99	36(b) Loading of all type of Steel Structures.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	MT	45.00	240.00	10800.00
					Total	10800.00
Item- 100	37(a) Unloading of all types of Copper & Aluminum conductors.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	MT	4.00	120.00	480.00
					Total	480.00
Item- 101	37(b) Loading of all types of Copper & Aluminum conductors.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	MT	4.00	120.00	480.00
					Total	480.00
Item- 102	38 Transportation of OHE structures / Materials / Equipments					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	MT-Km	120.00	116.00	13920.00
					Total	13920.00
Item- 103	41(b) Supply and Erection of Enamel type Public Caution board					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	5.00	2166.00	10830.00
2	2	Erection/Labour	Each	5.00	179.00	895.00
					Total	11725.00
Item- 104	41(c) Supply and Erection of Enamel type Staff Caution board					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	5.00	1384.00	6920.00
2	2	Erection/Labour	Each	5.00	179.00	895.00
					Total	7815.00
Item- 105	41(d) Supply and Erection of Retro-Reflective Type Electric Engine Stop Board/Caution Unwired Turnout Board					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	2.00	3410.00	6820.00
2	2	Erection/Labour	Each	2.00	179.00	358.00
					Total	7178.00
Item- 106	41(e) Supply and Erection of Retro-Reflective Type Power Block Working Limit Board					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	5.00	1284.00	6420.00
2	2	Erection/Labour	Each	5.00	179.00	895.00
					Total	7315.00
Item- 107	41(f) Supply and Erection of Enamel type Caution Clearance to OHE nearby Restricted Board					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	5.00	823.00	4115.00
2	2	Erection/Labour	Each	5.00	179.00	895.00

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					Total	5010.00
Item-108	41(h) Supply and Erection of Vitreous Enameled 25 kV Danger Board with skull & bones for Overline Structure (OLS) and Auxiliary Transformer					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	5.00	352.00	1760.00
2	2	Erection/Labour	Each	5.00	179.00	895.00
					Total	2655.00
Item-109	41(j) Supply and Erection of Retro-Reflective Sigma Board					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	5.00	690.00	3450.00
2	2	Erection/Labour	Each	5.00	179.00	895.00
					Total	4345.00
Item-110	42 Supply and Erection of Shock Treatment Chart					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	5.00	2862.00	14310.00
2	2	Erection/Labour	Each	5.00	204.00	1020.00
					Total	15330.00
Schedule	Schedule A2-SOR: Foundation items (incl. Supply & Erection)					
Item- 1	2(a)(i)Concrete for foundations and plinth in Hard Soil					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply & Erection	cum	10.00	10004.00	100040.00
					Total	100040.00
Item- 2	2(a)(ii)Concrete for foundations and plinth in Rocky Soil					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply & Erection	cum	10.00	10259.00	102590.00
					Total	102590.00
Item- 3	2(b)Concrete for foundations and plinth in other than Hard and Rock Soil					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply & Erection	cum	300.00	9230.00	2769000.00
					Total	2769000.00
Item- 4	2 (i) Breaking of foundation up to 200 mm below track formation and drain / PF surface etc					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply & Erection	cum	50.00	2952.00	147600.00
					Total	147600.00
Schedule	Schedule B1-SOR: Steel Supply					
Item- 1	3(as)Supply of Rolled or Fabricated and Galvanized Traction Masts, Switching Station Masts, AT masts, Feeder masts etc					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	MT	40.00	132174.00	5286960.00
					Total	5286960.00
Item- 2	3(bs)Supply of Fabricated and Galvanized structures such as TTCs, Portals, other than masts					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	MT	10.00	135370.00	1353700.00
					Total	1353700.00
Item- 3	3[cs]Supply of Fabricated and Galvanized Small Parts Steel (SPS) other than Masts, TTCs and Portals.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount

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1	1	Supply/Material	MT	5.00	147256.00	736280.00
					Total	736280.00
Schedule	Schedule B2-SOR: Copper Supply					
Item- 1	6(cs)Supply of 7 mm dia Hard Drawn Round Copper Dropper Wire					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Kg	20.00	1350.00	27000.00
					Total	27000.00
Item- 2	6(ds)Supply of 5 mm dia Hard Drawn Round Copper Dropper Wire					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Kg	110.00	1250.00	137500.00
					Total	137500.00
Item- 3	6(es) Supply of Cadmium Copper Bridle Wire (7/2.1mm)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Kg	140.00	1483.00	207620.00
					Total	207620.00
Item- 4	7(cs) Supply of 130 sq.mm Cadmium Copper Large Span Wire					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Kg	470.00	1400.00	658000.00
					Total	658000.00
Item- 5	15(as) Supply of 50 sq.mm Annealed Stranded Copper Jumper Wire					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Kg	40.00	1261.00	50440.00
					Total	50440.00
Item- 6	15(bs) Supply of 160 sq.mm Annealed Stranded Copper Jumper Wire					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Kg	150.00	1355.00	203250.00
					Total	203250.00
Schedule	Schedule B3-SOR: Insulator Supply					
Item- 1	4(ax)Supply of Porcelain Stay and Bracket Insulators for Item No. 4(a)(i) / 4(a)(iv)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Set	107.00	6255.00	669285.00
					Total	669285.00
Item- 2	4(axx)Supply of Composite Stay and Bracket Insulators for Item No. 4(a)(i) / 4(a)(iv)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Set	1.00	3823.00	3823.00
					Total	3823.00
Item- 3	8(bx)Supply of Porcelain 9-ton Insulator for item no. 8(b)(i)/8(b)(ii)/8(b)(iii)/8(b)(vi)/8(b)(ix)/9(a)/9(b)/9(c)/9(d)/11(a)(i)/11(a)(ii)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	65.00	4145.00	269425.00
					Total	269425.00
Item- 4	8(bxx)Supply of Composite 9-ton Insulator for item no. 8(b)(i)/8(b)(ii)/8(b)(iii)/8(b)(vi)/8(b)(ix)/9(a)/9(b)/9(c)/9(d)/11(a)(i)/11(a)(ii)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	1.00	1920.00	1920.00
					Total	1920.00
Item- 5	11(bx)Supply of Post Insulator for Item no. 11(b)					

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S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	60.00	5558.00	333480.00
					Total	333480.00
Item- 6	12(ax)Supply of Sectioning and 9-ton Insulators for Item no. 12(a)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Set	20.00	10718.00	214360.00
					Total	214360.00
Item- 7	13(ax)Supply of Post and Operating Rod Insulators for Item no. 13(a)/13(f).					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Set	15.00	14236.00	213540.00
					Total	213540.00
Item- 8	28 (x) Supply of Post insulators for item no. 28					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	01	Supply/Material	Set	1.00	11116.00	11116.00
					Total	11116.00
Schedule	Schedule B4-Schedule B4 SOR; General supply					
Item- 1	Supply of 25 KVA, 25 kV/ 240 V Oil filled Auxiliary Transformer					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	1.00	132455.00	132455.00
					Total	132455.00
Item- 2	Supply of 25 kV Operating Rod For Drop Out Fuse Switch					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	01	Supply/Material	Each	1.00	4161.00	4161.00
					Total	4161.00
Schedule	Schedule E -Non-SOR: Tools and plants					
Item- 1	Supply of Relay test kit for testing of single phase for 132/27.5 kV AC railway substation numerical relays with all accessories Make: KIGG/MEGGER/MOTWANE or similar					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	01	Supply/Material	Each	1.00	1000109.00	1000109.00
					Total	1000109.00
Item- 2	Supply of isolator OHE Key box along with locking arrangements					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	01	Supply/Material	Each	10.00	4800.00	48000.00
					Total	48000.00
Item- 3	Supply of insulator box along with locking arrangements					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	01	Supply/Material	Each	20.00	10500.00	210000.00
					Total	210000.00
Item- 4	Supply of electrical hand gloves class-4 (36000V) insulation					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	01	Supply/Material	Each	50.00	892.08	44604.00
					Total	44604.00
Item- 5	Supply of 52kg Rail template- For drilling of hole at Rail neutral axis.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	01	Supply/Material	Each	10.00	675.00	6750.00
					Total	6750.00
Item- 6	Supply of 60kg Rail template- For drilling of hole at Rail neutral axis.					

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S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	01	Supply/Material	Each	10.00	750.00	7500.00
					Total	7500.00
Item- 7 Supply of Discharge earthing rod assembly						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	01	Supply/Material	Each	10.00	9558.00	95580.00
					Total	95580.00

4. ELIGIBILITY CONDITIONS

Standard Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	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, along with copies of Audited Balance Sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance Sheet.	No	No	Allowed (Mandatory)
1.1	NOTE: If the tender is not accompanied by the certificate(s) in support of financial eligibility as above, the tender shall be rejected. No post-tender correspondence will be entertained.	No	No	Not Allowed

Standard Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	(a) The tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: (i) Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or (ii) Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or (iii) One similar work costing not less than the amount equal to 60% of advertised value of the tender.	No	No	Allowed (Mandatory)
1.1	(b) (1) In case of tenders for composite works (e.g. works involving more than one distinct component, such as Civil Engineering works, S&T works, Electrical works, OHE works etc. and in the case of major bridges - substructure, superstructure etc.), tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: (i) Three similar works each costing not less than the amount equal to 30% of advertised value of each component of tender, or (ii) Two similar works each costing not less than the amount equal to 40% of advertised value of each component of tender, or (iii) One similar work each costing not less than the amount equal to 60% of advertised value of each component of tender.	No	No	Not Allowed
1.1.1	Note for b(1): Separate completed works of minimum required values shall also be considered for fulfillment of technical eligibility criteria for different components.	No	No	Not Allowed
1.2	(b)(2)In such cases, what constitutes a component in a composite work shall be clearly pre-defined with estimated tender cost of it, as part of the tender documents without any ambiguity.	No	No	Not Allowed

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1.3	(b) (3) To evaluate the technical eligibility of tenderer, only components of work as stipulated in tender documents for evaluation of technical eligibility, shall be considered. The scope of work covered in other remaining components shall be either executed by tenderer himself if he has work experience as mentioned in clause 7 of the Standard General Conditions of Contractor through subcontractor fulfilling the requirements as per clause 7 of the Standard General Conditions of Contract or jointly i.e., partly himself and remaining through subcontractor, with prior approval of Chief Engineer in writing. However, if required in tender documents by way of Special Conditions, a formal agreement duly notarised, legally enforceable in the court of law, shall be executed by the main contractor with the subcontractor for the component(s) of work proposed to be executed by the subcontractor(s), and shall be submitted along with the offer for considering subletting of that scope of work towards fulfilment of technical eligibility. Such subcontractor must fulfill technical eligibility criteria as follows: The subcontractor shall have successfully completed at least one work similar to work proposed for subcontract, costing not less than 35% value of work to be subletted, in last 5 years, ending last day of month previous to the one in which tender is invited through a works contract. Note: for subletting of work costing up to Rs 50 lakh, no previous work experience of subcontractor shall be asked for by the Railway.	No	No	Not Allowed
1.4	In case after award of contract or during execution of work it becomes necessary for contractor to change subcontractor, the same shall be done with subcontractor(s) fulfilling the requirements as per clause 7 of the Standard General Conditions of Contract, with prior approval of Chief Electrical Engineer in writing. Even for engaging a subcontractor, approval of Chief Electrical Engineer to be taken duly following GCC conditions.	No	No	Not Allowed
1.5	Note for Item 10.1 of IRSGCC-2022/note for 1 of Standard Technical Criteria of this NIT: Work experience certificate from private individual shall not be considered. However, in addition to work experience certificates issued by any Govt. Organisation, work experience certificate issued by Public listed company having average annual turnover of Rs 500 crore and above in last 3 financial years excluding the current financial year, listed on National Stock Exchange or Bombay Stock Exchange, incorporated/registered at least 5 years prior to the date of closing of tender, shall also be considered provided the work experience certificate has been issued by a person authorized by the Public listed company to issue such certificates. In case tenderer submits work experience certificate issued by public listed company, the tenderer shall also submit along with work experience certificate, the relevant copy of work order, bill of quantities, bill wise details of payment received duly certified by Chartered Accountant, TDS certificates for all payments received and copy of final/last bill paid by company in support of above work experience certificate.	No	No	Not Allowed
1.6	If the tender is not accompanied by the documents mentioned above i.e., Certificate in support technical eligibility criteria, the tender shall be rejected. No post-tender correspondence will be entertained. However, if any clarification is required by the Railway, the same will be sought from the tenderer.	No	No	Not Allowed
1.7	Definition of Similar Work (OHE): "Erection, testing and commissioning of 25 kV Overhead Electric Equipment in Railways. (OR) Construction and commissioning of transmission line of 66kV or above voltage of requisite value as per the technical eligibility criteria. In addition, tenderer shall also have experience of having energized 25 kV OHE work of at least 10 TKM or 20% of TKM involved in instant tender whichever is higher from single completed or ongoing work either as separate additional work or as a part of transmission line work produced to satisfy technical eligibility criteria. (OR) Provision or modification to sub-stations/switching stations/switch gear equipment, control and protection equipment, reactors, power factor correction equipment, transformers or any other power equipment in 25 kV Railway Sub-stations/Switching stations or any work pertaining to 66kV and above Electrical sub-station of any PSU/Govt. agencies. In addition, tenderer shall also have experience of having energized 25 kV OHE work of at least 10 TKM or 20% of TKM involved in instant tender whichever is higher from single completed or ongoing work either as separate additional work or as a part of above Substations/Switching stations work produced to satisfy technical eligibility criteria."	No	No	Not Allowed

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1.8	The Tenderer should have valid Electrical Contractor's License Grade "A"/33 kV or above issued by Government Electrical Licensing Board (OR) the site Supervisor should possess necessary "A" grade/33kV or above License issued by Government Electrical Licensing authority to carryout works of appropriate voltage. The license should have been issued on a date prior to date of tender opening.	No	No	Allowed (Mandatory)
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Bidders shall confirm and certify on the behalf of the tenderer including its constituents as under:

S.No.	Description
1	I/we the tenderer (s) am/are signing this document after carefully reading the contents.
2	I/We the tenderer(s) also accept all the conditions of the tender and have signed all the pages in confirmation thereof.
3	I/we hereby declare that I/we have downloaded the tender documents from Indian Railway website www.ireps.gov.in . I/we have verified the content of the document from the website and there is no addition, no deletion or no alteration to the content of the tender document. In case of any discrepancy noticed at any stage i.e. evaluation of tenders, execution of work or final payment of the contract, the master copy available with the railway Administration shall be final and binding upon me/us.
4	I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
5	I/We also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.
6	I/We declare that the information and documents submitted along with the tender by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us.
7	I/we certify that I/we the tenderer(s) is/are not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of submission of bids, either in individual capacity or as a HUF/ member of the partnership firm/LLP/JV/Society/Trust.
8	I/we understand that if the contents of the certificate submitted by us are found to be forged/false at any time during process for evaluation of tenders, it shall lead to forfeiture of the Bid Security and may also lead to any other action provided in the contract including banning of business for a period of upto two year. Further, I/we and all my/our constituents understand that my/our offer shall be summarily rejected.
9	I/we also understand that if the contents of the certificate submitted by us are found to be false/forged at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of Bid Security/Security Deposit and Performance guarantee and may also lead to any other action provided in the contract including banning of business for a period of upto two year.
10	I/We have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India and certify that I am/We are not from such a country or, if from such a country, have been registered with the competent Authority. I/We hereby certify that I/we fulfil all the requirements in this regard and am/are eligible to be considered (evidence of valid registration by the competent authority is enclosed)

Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc.

S.No.	Description
1	Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc. Please submit a certificate in the prescribed format (please download the format from the link given below). Non submission of the certificate, or submission of certificate either not properly filled in, or in a format other than the prescribed format shall lead to summary rejection of your offer. (Click here to download the Format of Self Certification)

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)

General Instructions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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1	Tender value is including escalation of (-) 20% (minus twenty percent) on CPWD DSR rates. Tenderer should note this before quoting the rates.	No	No	Not Allowed
2	The original Bank Guarantee (in lieu of Bid Security) should be delivered in person to the official nominated (i.e Os/Tenders/Engg/___Division) as indicated in the tender document before closing date for submission of bids. (i.e., excluding the last date of submission of Bids)	No	No	Not Allowed
3	All the instructions furnished in the Technical Compliance / Commercial Compliance / Custom / Undertakings / General Instructions / Undertakings are only indicative and not exhaustive. The tenderer shall read the GCC / Tender documents for complete details.	No	No	Not Allowed
4	The tenderer shall thoroughly go through the entire tender documents and strictly adhere to the instructions and directions given therein.	No	No	Not Allowed

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	For tenders having advertised value more than Rs 10.00 crore wherein eligibility criteria includes bid capacity also, the tenderer will be qualified only if its available bid capacity is equal to or more than the total value of the present tender. AS per Advanced Correction slip No: 01 dt: 14.07.2022 of GCC April 2022 (CA certificate is required along with the tender. In case, the tenderer failed to submit above certificate along with offer, his /their bid will be rejected Summarily).	No	No	Allowed (Mandatory)
2	List of personnel organizations available on hand and proposed to be engaged for the subject work. These two lists should be given separately and signed by tenderer and are to be submitted in the Proforma given in the Annexure-'A'	No	No	Allowed (Optional)
3	List of Plant & Machinery available on hand (own) and proposed to be inducted (own and hired to be given separately) for the subject work and this list shall be signed by the Tenderer and is to be submitted in the proforma given in the Annexure 'B'.	No	No	Allowed (Optional)
4	List of completed works in the last three Financial Years giving description of work, organization for whom executed, approximate value of contract at the time of award, date of award and date of scheduled completion of work, date of actual start, actual completion and final value of contract should also be given in the Annexure 'C'.	No	No	Allowed (Optional)
5	List of Works on Hand indicating name of work, contract value, bill amount paid so far; due date of completion etc. to be furnished by Tenderer in Annexure'D'and this Certificate is to be signed by Tenderer.	No	No	Allowed (Optional)
6	Tenderer should submit attested copy of Experience Certificate in Annexure'E' (Bidder who do not enclose the Experience Certificate, his/their bid shall be summarily rejected) Note: Applicable for the tender floated value above 50 lakhs.	No	No	Allowed (Mandatory)
7	Tenderer should submit Annual Contractual Turnover Certificate Annexure'VI B' as per para 10.2 part 1 of GCC (Bidder who do not enclose the Turnover Certificate, his/their bid shall be summarily rejected) Note: Applicable for the tender floated value above 50 lakhs.	No	No	Allowed (Mandatory)

Undertakings

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	I/We have read and understood various conditions attached to the tender and agree to abide by the said conditions.	No	No	Not Allowed
2	I/ We have visited the works site and I / We am / are aware of the site conditions.	No	No	Not Allowed

Custom

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S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderers in their bids shall indicate the details of their Jurisdictional Assessing Officers (Designation, address & email id). In case of a contract award, a copy of the LOA/Purchase Order shall be immediately forwarded by Purchaser/Executive to the Jurisdictional Assessing Officer mentioned in the Tenderer's bid.(GST)	No	No	Allowed (Mandatory)
2	The tenderer shall clearly specify whether the tender is submitted on his own (Proprietary Firm) or on behalf of a Partnership Firm / Company / Joint Venture (JV) / Registered Society / Registered Trust / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc. The tenderer(s) shall enclose the attested copies of the constitution of their concern, and copy of PAN Card along with their tender. Tender Documents in such cases are to be signed by such persons as may be legally competent to sign them on behalf of the firm, company, association, trust or society, as the case may be. Note: Please read carefully (Provision of Para 14 of GCC) the document required to be uploaded here	No	No	Allowed (Mandatory)
3	Any other information / Certificates / General Power of Attorney required as per Tender for Partnership Firms, Company : The tenderer whether sole proprietor / a company or a partnership firm / registered society / registered trust / HUF / LLP etc if they want to act through agent or individual partner(s), should submit along with the tender, a copy of power of attorney duly stamped and authenticated by a Notary Public or by Magistrate in favour of the specific person whether he/they be partner(s) of the firm or any other person, specifically authorizing him/them to sign the tender, submit the tender and further to deal with the Tender/ Contract up to the stage of signing the agreement except in case where such specific person is authorized for above purposes through a provision made in the partnership deed / Memorandum of Understanding / Article of Association /Board resolution, filing which Tender shall be summarily rejected. Note: Please read carefully (Provision of Para 15 of GCC) the document required to be uploaded here.	No	No	Allowed (Mandatory)

6. Documents attached with tender

S.No.	Document Name	Document Description
1	GCC2022ALLACS1TO10_merged.pdf	GCC 2022 ALL ACS 1 TO 10
2	GCC_April-2022_2022_CE-I_CT_GCC-2022_POLICY_27_04_221.pdf	IRGCC 2022
3	AnnexuresmentionedninNIT.pdf	Annexures mentioned in NIT
4	GCC_April-2022_2022_CE-I_CT_GCC-2022_POLICY_27_04_221.pdf	IRGCC2022 ACS NO11
5	NEFTform.pdf	NEFT form
6	BGform.pdf	BG form
7	TSMD_MLY_TENDER_DOC_.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: VAMSHI KRISHNA BUDARAPU

Designation : Dy.CEE-I/C/SC

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