

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

Tender No: E29CTrDSC_02-2026-27

Closing Date/Time: 10/07/2026 15:00

CEE/CON/SC acting for and on behalf of The President of India invites E-Tenders against Tender No **E29CTrDSC_02-2026-27** Closing Date/Time 10/07/2026 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 2x25kV, 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 doubling between Tadikalpudi-Bethampudi section with associated yard modifications on Dornakal - Bhadrachalam Road in Secunderabad Division of South Central Railway		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Two Packet System
Tender Closing Date Time	10/07/2026 15:00	Date Time Of Uploading Tender	09/06/2026 18:28
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	164700959.55	Tendering Section	TRD
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money (Rs.)	3294000.00	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	26/06/2026		
Are JV allowed to bid	Yes	Number of JV Member Allowed	3
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							40986485.00	Above/ Below/Par
1	Please see Item Breakup for details.				501650.00	AT Par	501650.00	
	Description:- 1(a) Preparation of Design & Drawings for Overhead Equipment							
2	Please see Item Breakup for details.				71214.00	AT Par	71214.00	
	Description:- 1(c) Preparation of Traction Working Rule Diagram along with Working Instructions							
3	Please see Item Breakup for details.				183024.00	AT Par	183024.00	
	Description:- 1(d)Supply and Installation of Traction Working Rule Diagram Boards							
4	Please see Item Breakup for details.				554400.00	AT Par	554400.00	
	Description:- 3(a)Erection of Traction Masts, Feeder Masts, AT Mast and Main Masts of Switching Stations.							
5	Please see Item Breakup for details.				5038110.00	AT Par	5038110.00	
	Description:- 3(b)Erection of TTCs, Portals and Small Parts Steel (SPS)							
6	Please see Item Breakup for details.				836080.00	AT Par	836080.00	
	Description:- 3(e)Supply and erection of Guy rod assembly.							
7	Please see Item Breakup for details.				71717.00	AT Par	71717.00	
	Description:- 3(g)Supply of steel reinforcement for RCC work.							
8	Please see Item Breakup for details.				9895500.00	AT Par	9895500.00	
	Description:- 4(a)(i)Supply (without Insulators) and Erection of Single Cantilever Assembly for Conventional OHE							
9	Please see Item Breakup for details.				242850.00	AT Par	242850.00	

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	Description:- 4(a)(ii)Erection of Two Cantilever Assemblies on same structure or support for Conventional OHE			
10	Please see Item Breakup for details.	1380027.00	AT Par	1380027.00
	Description:- 6(a)Supply and Erection of Regulated Conventional OHE			
11	Please see Item Breakup for details.	144048.00	AT Par	144048.00
	Description:- 7(a)Erection/Stringing of Along Feeder (either All Aluminium 25 kV Feeder (single spider) or Copper Feeder wire)			
12	Please see Item Breakup for details.	2088324.00	AT Par	2088324.00
	Description:- 8(a) (v)Supply and Erection of Regulating Equipment With Counter-Weight assembly for Conventional OHE			
13	Please see Item Breakup for details.	260988.00	AT Par	260988.00
	Description:- 8(b)(ii) Supply (without Insulator) and Erection of Materials for Termination of Conventional OHE			
14	Please see Item Breakup for details.	105264.00	AT Par	105264.00
	Description:- 8(b)(iii)Supply (without Insulator) and Erection of Materials for Termination of Along Feeder (Aluminium/Copper)			
15	Please see Item Breakup for details.	456696.00	AT Par	456696.00
	Description:- 9(a)Supply (without Insulators) and Erection of Anti-creep with galvanized steel wire for Conventional OHE			
16	Please see Item Breakup for details.	132677.00	AT Par	132677.00
	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			
17	Please see Item Breakup for details.	257000.00	AT Par	257000.00
	Description:- 11(a) (i)Supply (without Insulator) and Erection of 25 kV Solid Core Cut-in Insulator.			
18	Please see Item Breakup for details.	553520.00	AT Par	553520.00
	Description:- 11(a) (ii)Supply (without Insulator) and Erection of 25 kV Solid Core Suspension Insulator.			
19	Please see Item Breakup for details.	332080.00	AT Par	332080.00
	Description:- 11(b)Supply (without Insulator) and Erection of 25 kV Post Insulator			
20	Please see Item Breakup for details.	1100940.00	AT Par	1100940.00
	Description:- 12(a)Supply (without Insulators) and Erection of 25 kV Section Insulator Assembly for Conventional OHE			
21	Please see Item Breakup for details.	430190.00	AT Par	430190.00
	Description:- 13(a)Supply (without Insulators) and Erection of 25 kV Single Pole Isolator without earth contact assembly			
22	Please see Item Breakup for details.	4904.00	AT Par	4904.00
	Description:- 13(d)Supply and Erection of an Interlocking device			
23	Please see Item Breakup for details.	141224.00	AT Par	141224.00
	Description:- 15(a)Supply and Erection of 50 sq.mm Copper Jumper (C-Jumper, F-Jumper, Anti-Theft Jumper)			
24	Please see Item Breakup for details.	437736.00	AT Par	437736.00
	Description:- 15(b)Supply and Erection of 160 or 105 sq.mm Copper Jumper (Isolator Jumper, G-Jumper)			
25	Please see Item Breakup for details.	490047.00	AT Par	490047.00
	Description:- 16(a)Supply and erection of structure bond			
26	Please see Item Breakup for details.	355590.00	AT Par	355590.00
	Description:- 16(b)Supply and erection of longitudinal bond.			
27	Please see Item Breakup for details.	194104.00	AT Par	194104.00
	Description:- 16(c) Supply and erection of transverse and special bond			
28	Please see Item Breakup for details.	165315.00	AT Par	165315.00
	Description:- 16(aa)Drilling of Holes on Rails			
29	Please see Item Breakup for details.	194320.00	AT Par	194320.00
	Description:- 17(a)Supply and Erection of Single Earth Electrode at COP/FOB/PTFE/Steel Girder etc.			
30	Please see Item Breakup for details.	52600.00	AT Par	52600.00
	Description:- 17 (b) Supply and erection of earth bus.			
31	Please see Item Breakup for details.	208800.00	AT Par	208800.00
	Description:- 17(d)Supply and Erection of Copper Strips (25 x 3 mm) for Equipment Earthing			
32	Please see Item Breakup for details.	1135704.00	AT Par	1135704.00

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	Description:- 26(a)(ii)Supply and erection of 18 mm Copper Bus-bar.			
33	Please see Item Breakup for details.	28936.00	AT Par	28936.00
	Description:- 27(a)Erection of 25 kV/240 V, 5/10/25/50 KVA Auxiliary Transformer			
34	Please see Item Breakup for details.	43128.00	AT Par	43128.00
	Description:- 28Supply (without insulators) and Erection of 25kV Drop out fuse switch for all oil type Auxiliary Transformer of all capacities			
35	Please see Item Breakup for details.	8712.00	AT Par	8712.00
	Description:- 30(b)(ii)Supply and Erection of Anti-climbing device for Auxiliary Transformer			
36	Please see Item Breakup for details.	486200.00	AT Par	486200.00
	Description:- 31(a) Transfer of Overhead Equipment from one Mast or Support to another, including removal of Cantilever Assembly from old Mast or Support			
37	Please see Item Breakup for details.	46320.00	AT Par	46320.00
	Description:- 31(b)Provision of an additional bracket assembly / assemblies on a mast or support.			
38	Please see Item Breakup for details.	13957.00	AT Par	13957.00
	Description:- 31(c)Dismantling of Overhead Equipment			
39	Please see Item Breakup for details.	12790.00	AT Par	12790.00
	Description:- 31(e) Splicing and Extension of Anchored OHE			
40	Please see Item Breakup for details.	15732.00	AT Par	15732.00
	Description:- 31(f) Dismantling of Section Insulator			
41	Please see Item Breakup for details.	68580.00	AT Par	68580.00
	Description:- 31(g) Slewing and Putting back of OHE in original position			
42	Please see Item Breakup for details.	10680.00	AT Par	10680.00
	Description:- 31(h)Dismantling of an Isolator			
43	Please see Item Breakup for details.	244960.00	AT Par	244960.00
	Description:- 31(k)(i)Dismantlement of OHE mast or structure by cutting.			
44	Please see Item Breakup for details.	201296.00	AT Par	201296.00
	Description:- 31(k)(ii)Dismantlement of Upright of TTC/Portal by cutting.			
45	Please see Item Breakup for details.	345600.00	AT Par	345600.00
	Description:- 31(l)(i)Retrieval of Traction Masts, Main Masts of Switching Station, TTC Uprights etc			
46	Please see Item Breakup for details.	26200.00	AT Par	26200.00
	Description:- 31(n) Dismantling of guy rod			
47	Please see Item Breakup for details.	2620.00	AT Par	2620.00
	Description:- 31(o)Releasing of Multiple Cantilever Crossarm cantilever assemblies where single cantilever assembly is leftover			
48	Please see Item Breakup for details.	192924.00	AT Par	192924.00
	Description:- 31(p)Dismantlement of drop arms/ booms / temporary masts.			
49	Please see Item Breakup for details.	91200.00	AT Par	91200.00
	Description:- 31(r)Dismantling of Cantilever assembly including insulators.			
50	Please see Item Breakup for details.	17016.00	AT Par	17016.00
	Description:- 31(s)Dismantling of Fabricated Steel or Small Parts Steel (SPS)			
51	Please see Item Breakup for details.	55924.00	AT Par	55924.00
	Description:- 31(t)(i)Dismantling of a regulating equipment (Three-pulley type) with counter weight assembly for Conventional OHE.			
52	Please see Item Breakup for details.	16280.00	AT Par	16280.00
	Description:- 31(t)(iii)Dismantling of Anti-creep with galvanized steel wire or cadmium catenary wire			
53	Please see Item Breakup for details.	7000.00	AT Par	7000.00
	Description:- 31(t)(iv)Dismantling of all types of Copper Jumpers			
54	Please see Item Breakup for details.	11330.00	AT Par	11330.00
	Description:- 31(t)(v)Dismantling of Termination for Conventional type Overhead Equipment			
55	Please see Item Breakup for details.	743920.00	AT Par	743920.00
	Description:- 31(t)(ix)Re-adjustment of OHE Spans, including droppers			
56	Please see Item Breakup for details.	22620.00	AT Par	22620.00
	Description:- 31(t)(x) Dismantling of Structure Bond / Longitudinal Bond / Transverse and Special Bond			
	Please see Item Breakup for details.	332640.00	AT Par	332640.00
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	Description:- 32/3(a)Extra charges for Erection of Traction Masts, Feeder Masts, AT Mast and Main Masts of Switching Stations under power block			
58	Please see Item Breakup for details.	4030488.00	AT Par	4030488.00
	Description:- 32/3(b)Extra charges for Erection of TTCs, Portals and Small Parts Steel (SPS) under power block			
59	Please see Item Breakup for details.	44800.00	AT Par	44800.00
	Description:- 32/3(e)Extra charges for erection of Guy rod assembly under power block			
60	Please see Item Breakup for details.	405000.00	AT Par	405000.00
	Description:- 32/4(a) (i)Extra charges for Erection of Single Cantilever assembly for Conventional OHE under power block			
61	Please see Item Breakup for details.	483620.00	AT Par	483620.00
	Description:- 32/6(a)Extra charges for Erection of regulated conventional OHE under power block.			
62	Please see Item Breakup for details.	36012.00	AT Par	36012.00
	Description:- 32/7(a)Extra charges for Erection/Stringing of Along Feeder (either All Aluminium 25 kV Feeder (single spider) or Copper Feeder wire) under power block			
63	Please see Item Breakup for details.	56000.00	AT Par	56000.00
	Description:- 32/8(a) (v)Extra charges for Erection of regulating equipment with counter-weight for Conventional OHE under power block			
64	Please see Item Breakup for details.	15680.00	AT Par	15680.00
	Description:- 32/8(b) (ii)Extra charges for Erection of Materials for Termination of Conventional OHE under power block			
65	Please see Item Breakup for details.	30348.00	AT Par	30348.00
	Description:- 32/9(a)Extra charges for Erection of anti creep with galvanised steel wire suitable for Conventional OHE under power block			
66	Please see Item Breakup for details.	18750.00	AT Par	18750.00
	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 etc under power block			
67	Please see Item Breakup for details.	35550.00	AT Par	35550.00
	Description:- 32/11(a) (i)Extra charges for Erection of 25 kV solid core cut-in insulator under power block			
68	Please see Item Breakup for details.	34580.00	AT Par	34580.00
	Description:- 32/11(a) (ii)Extra charges for Erection of 25 kV solid core suspension insulator under power block			
69	Please see Item Breakup for details.	75264.00	AT Par	75264.00
	Description:- 32/11(b)Extra charges for Erection of 25 kV Post Insulator under power block			
70	Please see Item Breakup for details.	62340.00	AT Par	62340.00
	Description:- 32/12(a) Extra charges for Erection of 25 kV Section Insulator Assembly for Conventional OHE under power block			
71	Please see Item Breakup for details.	28910.00	AT Par	28910.00
	Description:- 32/13(a)Extra charges for Erection of 25 kV Single Pole Isolator without earth contact assembly under power block			
72	Please see Item Breakup for details.	19580.00	AT Par	19580.00
	Description:- 32/15(a)Extra charges for Erection of 50 sq.mm Copper Jumper (C-Jumper, F-Jumper, Anti-Theft Jumper) under power block			
73	Please see Item Breakup for details.	34680.00	AT Par	34680.00
	Description:- 32/15(b) Extra charges for Erection of 160 or 105 sq.mm Copper Jumper (Isolator Jumper, G-Jumper) under power block			
74	Please see Item Breakup for details.	31536.00	AT Par	31536.00
	Description:- 32/26(a)(ii) Extra charges for Erection of 18 mm Copper Bus-bar under power block			
75	Please see Item Breakup for details.	486200.00	AT Par	486200.00
	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.			
76	Please see Item Breakup for details.	46320.00	AT Par	46320.00
	Description:- 32/31(b)Extra charges for Provision of additional bracket assembly / assemblies on a mast or support under power block.			
77	Please see Item Breakup for details.	13957.00	AT Par	13957.00
	Description:- 32/31(c) Extra charges for Dismantling of Over Head Equipment under power block.			
78	Please see Item Breakup for details.	12790.00	AT Par	12790.00

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	Description:- 32/31(e)Extra charges for Splicing and extension of anchored OHE under power block.			
79	Please see Item Breakup for details.	15732.00	AT Par	15732.00
	Description:- 32/31(f) Extra charges for Dismantling of section Insulator under power block.			
80	Please see Item Breakup for details.	68580.00	AT Par	68580.00
	Description:- 32/31(g) Extra charges for Slewing and Putting back of OHE in original position under power block.			
81	Please see Item Breakup for details.	244960.00	AT Par	244960.00
	Description:- 32/31(k)(i) Extra charges for Dismantlement of OHE mast or structure by cutting under power block.			
82	Please see Item Breakup for details.	345600.00	AT Par	345600.00
	Description:- 32/31(l)(i) Extra charges for Retrieval of traction masts, main mast of switching station, TTC uprights etc. under power block.			
83	Please see Item Breakup for details.	26200.00	AT Par	26200.00
	Description:- 32/31(n) Extra charges for Dismantling of guy rod under power block.			
84	Please see Item Breakup for details.	2620.00	AT Par	2620.00
	Description:- 32/31(o) Extra charges for Releasing of Multiple Cantilever Crossarm cantilever assemblies where single cantilever assembly is leftover under power block.			
85	Please see Item Breakup for details.	91200.00	AT Par	91200.00
	Description:- 32/31(r) Extra charges for Dismantling of Cantilever assembly including insulators under power block.			
86	Please see Item Breakup for details.	17016.00	AT Par	17016.00
	Description:- 32/31(s) Extra charges for Dismantling of fabricated steel or Small Parts Steel (SPS) under power block.			
87	Please see Item Breakup for details.	55924.00	AT Par	55924.00
	Description:- 32/31(t)(i) Extra charges for Dismantling of a regulating equipment (Three-pulley type) with counter weight assembly for Conventional OHE under power block.			
88	Please see Item Breakup for details.	16280.00	AT Par	16280.00
	Description:- 32/31(t)(iii) Extra charges for Dismantling of anticreep with galvanized Steel wire or cadmium catenary wire under power block			
89	Please see Item Breakup for details.	6860.00	AT Par	6860.00
	Description:- 32/31(t)(iv) Extra charges for Dismantling of all types of copper jumpers under power block.			
90	Please see Item Breakup for details.	11330.00	AT Par	11330.00
	Description:- 32/31(t)(v) Extra charges for Dismantling of Termination for Conventional type Overhead Equipment under power block.			
91	Please see Item Breakup for details.	743920.00	AT Par	743920.00
	Description:- 32/31(t)(ix) Extra charges for Re-adjustment of OHE Spans, including droppers under power block			
92	Please see Item Breakup for details.	1331800.00	AT Par	1331800.00
	Description:- 34(j) Providing and Laying Pitching with Stone Boulders			
93	Please see Item Breakup for details.	68600.00	AT Par	68600.00
	Description:- 36(a) Unloading of all types of Steel Structures.			
94	Please see Item Breakup for details.	117600.00	AT Par	117600.00
	Description:- 36(b) Loading of all type of Steel Structures.			
95	Please see Item Breakup for details.	660.00	AT Par	660.00
	Description:- 37(a) Unloading of all types of Copper & Aluminum conductors.			
96	Please see Item Breakup for details.	660.00	AT Par	660.00
	Description:- 37(b) Loading of all types of Copper & Aluminum conductors.			
97	Please see Item Breakup for details.	139200.00	AT Par	139200.00
	Description:- 38 Transportation of OHE structures / Materials / Equipments			
98	Please see Item Breakup for details.	5600.00	AT Par	5600.00
	Description:- 39(a) Erection of released guy rod.			
99	Please see Item Breakup for details.	5930.00	AT Par	5930.00
	Description:- 39(b) Erection of released bracket assembly.			
100	Please see Item Breakup for details.	5600.00	AT Par	5600.00
	Description:- 39(d) Erection of released termination.			
101	Please see Item Breakup for details.	599000.00	AT Par	599000.00

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Description:- 40(b) Supply and Erection of Number Plate (Retro-Reflective Type)								
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () A2-SOR: Foundation items (incl. Supply & Erection)							26544460.00	Above/ Below/P ar
1	Please see Item Breakup for details.				200080.00	AT Par	200080.00	
	Description:- 2(a)(i)Concrete for foundations and plinth in Hard Soil							
2	Please see Item Breakup for details.				205180.00	AT Par	205180.00	
	Description:- 2(a)(ii)Concrete for foundations and plinth in Rocky Soil							
3	Please see Item Breakup for details.				25844000.00	AT Par	25844000.00	
	Description:- 2(b)Concrete for foundations and plinth in other than Hard and Rock Soil							
4	Please see Item Breakup for details.				295200.00	AT Par	295200.00	
	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							66770820.00	Above/ Below/P ar
1	Please see Item Breakup for details.				21147840.00	AT Par	21147840.00	
	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.				33842500.00	AT Par	33842500.00	
	Description:- 3(bs)Supply of Fabricated and Galvanized structures such as TTCs, Portals, other than masts							
3	Please see Item Breakup for details.				11780480.00	AT Par	11780480.00	
	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
Schedule () B2-SOR: Copper Supply							7535200.00	Above/ Below/P ar
1	Please see Item Breakup for details.				275400.00	AT Par	275400.00	
	Description:- 6(cs)Supply of 7 mm dia Hard Drawn Round Copper Dropper Wire							
2	Please see Item Breakup for details.				875000.00	AT Par	875000.00	
	Description:- 6(ds)Supply of 5 mm dia Hard Drawn Round Copper Dropper Wire							
3	Please see Item Breakup for details.				5600000.00	AT Par	5600000.00	
	Description:- 7(cs)Supply of 130 sq.mm Cadmium Copper Large Span Wire							
4	Please see Item Breakup for details.				378300.00	AT Par	378300.00	
	Description:- 15(as)Supply of 50 sq.mm Annealed Stranded Copper Jumper Wire							
5	Please see Item Breakup for details.				406500.00	AT Par	406500.00	
	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							9184347.00	Above/ Below/P ar
1	Please see Item Breakup for details.				5629500.00	AT Par	5629500.00	
	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.				1591680.00	AT Par	1591680.00	
	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)							
	Please see Item Breakup for details.				1920.00	AT Par	1920.00	

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4	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.				1556240.00	AT Par	1556240.00	
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.				142360.00	AT Par	142360.00	
Description:- 13(ax)Supply of Post and Operating Rod Insulators for Item no. 13(a)/13(f).								
8	Please see Item Breakup for details.				44464.00	AT Par	44464.00	
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-SOR: General Supply							3302000.00	Above/ Below/P ar
1	Please see Item Breakup for details.				2755536.00	AT Par	2755536.00	
Description:- 7(as)Supply of All Aluminium 25 kV Feeder conductor (Single Spider 19/3.99 mm).								
3	Please see Item Breakup for details.				529820.00	AT Par	529820.00	
Description:- 27(cs)Supply of 25 KVA, 25 kV/ 240 V Oil filled Auxiliary Transformer								
4	Please see Item Breakup for details.				16644.00	AT Par	16644.00	
Description:- 28(s)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 () D -SOR: 2X25 KV							9185502.00	Above/ Below/P ar
1	Please see Item Breakup for details.				1477116.00	AT Par	1477116.00	
Description:- 7(c) Supply and Erection of Aerial Earth Conductor (AEC) with necessary accessories, fittings and fasteners on OHE mast/portals.								
2	Please see Item Breakup for details.				2018940.00	AT Par	2018940.00	
Description:- 7(d) Supply and Erection of Buried Earth Conductor (BEC) with necessary accessories, fittings and fasteners.								
3	Please see Item Breakup for details.				380400.00	AT Par	380400.00	
Description:- 7(d)(i) Supply and Erection of TEE connector for BEC end and lug for connection.								
4	Please see Item Breakup for details.				1913400.00	AT Par	1913400.00	
Description:- 8(a)(i) Supply and Erection of 3:1 type modified ATD with counter weight assembly for conventional OHE (regulated) 2400 kgf.								
5	Please see Item Breakup for details.				3395646.00	AT Par	3395646.00	
Description:- 13(h) Supply and Erection of DP Isolator complete with SPS, insulators and jumpering arrangement etc suitable for 2x25kV systems.								
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () E -Non-SOR- Provision of anti-climbing device in monkey prone area							606300.00	Above/ Below/P ar
1	Please see Item Breakup for details.				150500.00	AT Par	150500.00	
Description:- Supply and erection of anticlimbing device etc., on OHE masts (BFB/RSJ/B-150 to B-250/K-150 to K-250)								
2	Please see Item Breakup for details.				455800.00	AT Par	455800.00	
Description:- Supply and erection of anticlimbing device etc., on OHE portals / TTCs (N/O/R/BFB/GU/TTU).								
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () F -Non-SOR: Tools and plants							585845.55	Above/ Below/P ar
1	Please see Item Breakup for details.				24000.00	AT Par	24000.00	

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	Description:- Supply of isolator OHE Key box along with locking arrangements				
2	Please see Item Breakup for details.	52500.00	AT Par	52500.00	
	Description:- Supply of insulator box along with locking arrangements				
3	Please see Item Breakup for details.	49560.00	AT Par	49560.00	
	Description:- Supply of Rail jumpers with both end clamps 3 mtrs 25Sq.mm High Insulated				
4	Please see Item Breakup for details.	68440.00	AT Par	68440.00	
	Description:- Supply of Rail jumpers with both end clamps 5 mtrs 25Sq.mm High Insulated				
5	Please see Item Breakup for details.	114460.00	AT Par	114460.00	
	Description:- Supply of Rail jumpers with both end clamps 10 mtrs 25Sq.mm High Insulated				
6	Please see Item Breakup for details.	6269.75	AT Par	6269.75	
	Description:- Supply of Rechargeable heavy duty LED torch				
7	Please see Item Breakup for details.	1440.00	AT Par	1440.00	
	Description:- Supply of electrical hand gloves class-4 (36000V),insulation aloves for electrical Works usage.				
8	Please see Item Breakup for details.	14702.00	AT Par	14702.00	
	Description:- Supply of Digital Screw gauge				
9	Please see Item Breakup for details.	23586.00	AT Par	23586.00	
	Description:- Supply of Digital vernier callipers				
10	Please see Item Breakup for details.	159300.00	AT Par	159300.00	
	Description:- Supply of Glass-fibre reinforced polyester tube Non-Contact High Voltage Detector				
11	Please see Item Breakup for details.	39187.80	AT Par	39187.80	
	Description:- Supply of digital megger				
12	Please see Item Breakup for details.	32400.00	AT Par	32400.00	
	Description:- Supply of hand driveen megger				

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	25.00	20066.00	501650.00
					Total	501650.00
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	6.00	11869.00	71214.00
					Total	71214.00
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	144.00	1271.00	183024.00
					Total	183024.00
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	160.00	3465.00	554400.00
					Total	554400.00
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	330.00	15267.00	5038110.00
					Total	5038110.00
Item- 6	3(e)Supply and erection of Guy rod assembly.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount

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1	1	Supply/Material	Each	80.00	9331.00	746480.00
2	2	Erection/Labour	Each	80.00	1120.00	89600.00
					Total	836080.00
Item- 7	3(g)Supply of steel reinforcement for RCC work.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	MT	1.00	71717.00	71717.00
					Total	71717.00
Item- 8	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	750.00	12114.00	9085500.00
2	2	Erection/Labour	Each	750.00	1080.00	810000.00
					Total	9895500.00
Item- 9	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	150.00	1619.00	242850.00
					Total	242850.00
Item- 10	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	19.00	24271.00	461149.00
2	2	Erection/Labour	Per Track KM	19.00	48362.00	918878.00
					Total	1380027.00
Item- 11	7(a)Erection/Stringing of Along Feeder (either All Aluminium 25 kV Feeder (single spider) or Copper Feeder wire)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Kilometre	12.00	12004.00	144048.00
					Total	144048.00
Item- 12	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	28.00	70583.00	1976324.00
2	2	Erection/Labour	Each	28.00	4000.00	112000.00
					Total	2088324.00
Item- 13	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	28.00	8201.00	229628.00
2	2	Erection/Labour	Each	28.00	1120.00	31360.00
					Total	260988.00
Item- 14	8(b)(iii)Supply (without Insulator) and Erection of Materials for Termination of Along Feeder (Aluminium/Copper)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	17.00	5192.00	88264.00
2	2	Erection/Labour	Each	17.00	1000.00	17000.00
					Total	105264.00
Item- 15	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	18.00	22000.00	396000.00
2	2	Erection/Labour	Each	18.00	3372.00	60696.00

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						Total	456696.00
Item- 16	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	19.00	5733.00	108927.00	
2	2	Erection/Labour	Each	19.00	1250.00	23750.00	
						Total	132677.00
Item- 17	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	100.00	1859.00	185900.00	
2	2	Erection/Labour	Each	100.00	711.00	71100.00	
						Total	257000.00
Item- 18	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	220.00	2022.00	444840.00	
2	2	Erection/Labour	Each	220.00	494.00	108680.00	
						Total	553520.00
Item- 19	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	280.00	850.00	238000.00	
2	2	Erection/Labour	Each	280.00	336.00	94080.00	
						Total	332080.00
Item- 20	12(a)Supply (without Insulators) and Erection of 25 kV Section Insulator Assembly for Conventional OHE						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Supply/Material	Each	20.00	51930.00	1038600.00	
2	2	Erection/Labour	Each	20.00	3117.00	62340.00	
						Total	1100940.00
Item- 21	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	10.00	40128.00	401280.00	
2	2	Erection/labour	Each	10.00	2891.00	28910.00	
						Total	430190.00
Item- 22	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	1.00	4610.00	4610.00	
2	2	Erection/labour	Each	1.00	294.00	294.00	
						Total	4904.00
Item- 23	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	127.00	756.00	96012.00	
2	2	Erection/labour	Each	127.00	356.00	45212.00	
						Total	141224.00
Item- 24	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	156.00	2126.00	331656.00	
2	2	Erection/labour	Each	156.00	680.00	106080.00	
						Total	437736.00

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Item- 25	16(a)Supply and erection of structure bond					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	431.00	833.00	359023.00
2	2	Erection/labour	Each	431.00	304.00	131024.00
					Total	490047.00
Item- 26	16(b)Supply and erection of longitudinal bond.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	405.00	604.00	244620.00
2	2	Erection/labour	Each	405.00	274.00	110970.00
					Total	355590.00
Item- 27	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	152.00	951.00	144552.00
2	2	Erection/labour	Each	152.00	326.00	49552.00
					Total	194104.00
Item- 28	16(aa)Drilling of Holes on Rails					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/labour	Each	1545.00	107.00	165315.00
					Total	165315.00
Item- 29	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	40.00	3511.00	140440.00
2	2	Erection/labour	Each	40.00	1347.00	53880.00
					Total	194320.00
Item- 30	17 (b) Supply and erection of earth bus.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Metre	200.00	183.00	36600.00
2	2	Erection/labour	Metre	200.00	80.00	16000.00
					Total	52600.00
Item- 31	17(d)Supply and Erection of Copper Strips (25 x 3 mm) for Equipment Earthing					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Metre	200.00	959.00	191800.00
2	2	Erection/labour	Metre	200.00	85.00	17000.00
					Total	208800.00
Item- 32	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	474.00	2250.00	1066500.00
2	2	Erection/labour	Metre	474.00	146.00	69204.00
					Total	1135704.00
Item- 33	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	1	Erection/labour	Each	4.00	7234.00	28936.00
					Total	28936.00
Item- 34	28Supply (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	1	Supply/Material	Each	4.00	10219.00	40876.00
2	2	Erection/labour	Each	4.00	563.00	2252.00

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						Total	43128.00
Item- 35	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	1	Supply/Material	Each	4.00	1795.00	7180.00	
2	2	Erection/labour	Each	4.00	383.00	1532.00	
						Total	8712.00
Item- 36	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	260.00	1870.00	486200.00	
						Total	486200.00
Item- 37	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	20.00	2316.00	46320.00	
						Total	46320.00
Item- 38	31(c)Dismantling of Overhead Equipment						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/labour	Per Track KM	1.00	13957.00	13957.00	
						Total	13957.00
Item- 39	31(e) Splicing and Extension of Anchored OHE						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/labour	Set	5.00	2558.00	12790.00	
						Total	12790.00
Item- 40	31(f) Dismantling of Section Insulator						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/labour	Each	6.00	2622.00	15732.00	
						Total	15732.00
Item- 41	31(g) Slewing and Putting back of OHE in original position						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/labour	Each Span	30.00	2286.00	68580.00	
						Total	68580.00
Item- 42	31(h)Dismantling of an Isolator						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/labour	Each	6.00	1780.00	10680.00	
						Total	10680.00
Item- 43	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	80.00	3062.00	244960.00	
						Total	244960.00
Item- 44	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	46.00	4376.00	201296.00	
						Total	201296.00
Item- 45	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	30.00	11520.00	345600.00	

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						Total	345600.00
Item- 46	31(n) Dismantling of guy rod						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/labour	Each	50.00	524.00	26200.00	
						Total	26200.00
Item- 47	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	5.00	524.00	2620.00	
						Total	2620.00
Item- 48	31(p)Dismantlement of drop arms/ booms / temporary masts.						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/Labour	MT	36.00	5359.00	192924.00	
						Total	192924.00
Item- 49	31(r)Dismantling of Cantilever assembly including insulators.						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/Labour	Each	190.00	480.00	91200.00	
						Total	91200.00
Item- 50	31(s)Dismantling of Fabricated Steel or Small Parts Steel (SPS)						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/Labour	MT	24.00	709.00	17016.00	
						Total	17016.00
Item- 51	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	22.00	2542.00	55924.00	
						Total	55924.00
Item- 52	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	11.00	1480.00	16280.00	
						Total	16280.00
Item- 53	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	50.00	140.00	7000.00	
						Total	7000.00
Item- 54	31(t)(v)Dismantling of Termination for Conventional type Overhead Equipment						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/Labour	Each	22.00	515.00	11330.00	
						Total	11330.00
Item- 55	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	170.00	4376.00	743920.00	
						Total	743920.00
Item- 56	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	156.00	145.00	22620.00	
						Total	22620.00

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Item- 57	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	96.00	3465.00	332640.00
					Total	332640.00
Item- 58	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	264.00	15267.00	4030488.00
					Total	4030488.00
Item- 59	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	40.00	1120.00	44800.00
					Total	44800.00
Item- 60	32/4(a) (i)Extra charges for Erection of Single Cantilever assembly for Conventional OHE under power block					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	375.00	1080.00	405000.00
					Total	405000.00
Item- 61	32/6(a)Extra charges for Erection of regulated conventional OHE under power block.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Per Track KM	10.00	48362.00	483620.00
					Total	483620.00
Item- 62	32/7(a)Extra charges for Erection/Stringing of Along Feeder (either All Aluminium 25 kV Feeder (single spider) or Copper Feeder wire) under power block					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Kilometre	3.00	12004.00	36012.00
					Total	36012.00
Item- 63	32/8(a) (v)Extra charges for Erection of regulating equipment with counter-weight for Conventional OHE under power block					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	14.00	4000.00	56000.00
					Total	56000.00
Item- 64	32/8(b) (ii)Extra charges for Erection of Materials for Termination of Conventional OHE under power block					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	14.00	1120.00	15680.00
					Total	15680.00
Item- 65	32/9(a)Extra charges for Erection of anti creep with galvanised steel wire suitable for Conventional OHE under power block					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	9.00	3372.00	30348.00
					Total	30348.00
Item- 66	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 etc under power block					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	15.00	1250.00	18750.00
					Total	18750.00
Item- 67	32/11(a) (i)Extra charges for Erection of 25 kV solid core cut-in insulator under power block					

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S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	50.00	711.00	35550.00
					Total	35550.00
Item- 68	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	70.00	494.00	34580.00
					Total	34580.00
Item- 69	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	224.00	336.00	75264.00
					Total	75264.00
Item- 70	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	20.00	3117.00	62340.00
					Total	62340.00
Item- 71	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	10.00	2891.00	28910.00
					Total	28910.00
Item- 72	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	55.00	356.00	19580.00
					Total	19580.00
Item- 73	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	51.00	680.00	34680.00
					Total	34680.00
Item- 74	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	216.00	146.00	31536.00
					Total	31536.00
Item- 75	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	260.00	1870.00	486200.00
					Total	486200.00
Item- 76	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	20.00	2316.00	46320.00
					Total	46320.00
Item- 77	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	1.00	13957.00	13957.00

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						Total	13957.00
Item- 78	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	5.00	2558.00	12790.00	
						Total	12790.00
Item- 79	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	6.00	2622.00	15732.00	
						Total	15732.00
Item- 80	32/31(g) Extra charges for Slewing and Putting back of OHE in original position under power block.						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/Labour	Each Span	30.00	2286.00	68580.00	
						Total	68580.00
Item- 81	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	80.00	3062.00	244960.00	
						Total	244960.00
Item- 82	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	30.00	11520.00	345600.00	
						Total	345600.00
Item- 83	32/31(n) Extra charges for Dismantling of guy rod under power block.						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/Labour	Each	50.00	524.00	26200.00	
						Total	26200.00
Item- 84	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	5.00	524.00	2620.00	
						Total	2620.00
Item- 85	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	190.00	480.00	91200.00	
						Total	91200.00
Item- 86	32/31(s) Extra charges for Dismantling of fabricated steel or Small Parts Steel (SPS) under power block.						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/Labour	MT	24.00	709.00	17016.00	
						Total	17016.00
Item- 87	32/31(t)(i) Extra charges for Dismantling of a regulating equipment (Three-pulley type) with counter weight assembly for Conventional OHE under power block.						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Erection/Labour	Each	22.00	2542.00	55924.00	
						Total	55924.00

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Item- 88	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	11.00	1480.00	16280.00
					Total	16280.00
Item- 89	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	49.00	140.00	6860.00
					Total	6860.00
Item- 90	32/31(t)(v) Extra charges for Dismantling of Termination for Conventional type Overhead Equipment under power block.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	22.00	515.00	11330.00
					Total	11330.00
Item- 91	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	170.00	4376.00	743920.00
					Total	743920.00
Item- 92	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- 93	36(a) Unloading of all types of Steel Structures.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	MT	490.00	140.00	68600.00
					Total	68600.00
Item- 94	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	490.00	240.00	117600.00
					Total	117600.00
Item- 95	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	5.50	120.00	660.00
					Total	660.00
Item- 96	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	5.50	120.00	660.00
					Total	660.00
Item- 97	38 Transportation of OHE structures / Materials / Equipments					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	MT-Km	1200.00	116.00	139200.00
					Total	139200.00
Item- 98	39(a) Erection of released guy rod.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	5.00	1120.00	5600.00
					Total	5600.00

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Item- 99	39(b) Erection of released bracket assembly.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	5.00	1186.00	5930.00
					Total	5930.00
Item- 100	39(d) Erection of released termination.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection/Labour	Each	5.00	1120.00	5600.00
					Total	5600.00
Item- 101	40(b) Supply and Erection of Number Plate (Retro-Reflective Type)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	500.00	1049.00	524500.00
2	2	Erection/Labour	Each	500.00	149.00	74500.00
					Total	599000.00
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	20.00	10004.00	200080.00
					Total	200080.00
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	20.00	10259.00	205180.00
					Total	205180.00
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	2800.00	9230.00	25844000.00
					Total	25844000.00
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	100.00	2952.00	295200.00
					Total	295200.00
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	160.00	132174.00	21147840.00
					Total	21147840.00
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	250.00	135370.00	33842500.00
					Total	33842500.00
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
1	1	Supply/Material	MT	80.00	147256.00	11780480.00
					Total	11780480.00
Schedule	Schedule B2-SOR: Copper Supply					
Item- 1	6(cs)Supply of 7 mm dia Hard Drawn Round Copper Dropper Wire					

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S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Kg	204.00	1350.00	275400.00
					Total	275400.00
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	700.00	1250.00	875000.00
					Total	875000.00
Item- 3 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	4000.00	1400.00	5600000.00
					Total	5600000.00
Item- 4 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	300.00	1261.00	378300.00
					Total	378300.00
Item- 5 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	300.00	1355.00	406500.00
					Total	406500.00
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	900.00	6255.00	5629500.00
					Total	5629500.00
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	384.00	4145.00	1591680.00
					Total	1591680.00
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)						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	280.00	5558.00	1556240.00
					Total	1556240.00
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).						

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S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Set	10.00	14236.00	142360.00
					Total	142360.00
Item- 8	28(x)Supply of Post insulators for item no. 28					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Set	4.00	11116.00	44464.00
					Total	44464.00
Schedule	Schedule B4-SOR: General Supply					
Item- 1	7(as)Supply of All Aluminium 25 kV Feeder conductor (Single Spider 19/3.99 mm).					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Kilometre	12.00	229628.00	2755536.00
					Total	2755536.00
Item- 3	27(cs)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	4.00	132455.00	529820.00
					Total	529820.00
Item- 4	28(s)Supply of 25 kV Operating Rod For Drop Out Fuse Switch					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	4.00	4161.00	16644.00
					Total	16644.00
Schedule	Schedule D -SOR: 2X25 KV					
Item- 1	7(c) Supply and Erection of Aerial Earth Conductor (AEC) with necessary accessories, fittings and fasteners on OHE mast/portals.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Kilometre	12.00	103343.00	1240116.00
2	2	Erection/Labour	Kilometre	12.00	19750.00	237000.00
					Total	1477116.00
Item- 2	7(d) Supply and Erection of Buried Earth Conductor (BEC) with necessary accessories, fittings and fasteners.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Kilometre	12.00	132774.00	1593288.00
2	2	Erection/Labour	Kilometre	12.00	35471.00	425652.00
					Total	2018940.00
Item- 3	7(d)(i) Supply and Erection of TEE connector for BEC end and lug for connection.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	240.00	1503.00	360720.00
2	2	Erection/Labour	Each	240.00	82.00	19680.00
					Total	380400.00
Item- 4	8(a)(i) Supply and Erection of 3:1 type modified ATD with counter weight assembly for conventional OHE (regulated) 2400 kgf.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	20.00	84876.00	1697520.00
2	2	Erection/Labour	Each	20.00	10794.00	215880.00
					Total	1913400.00
Item- 5	13(h) Supply and Erection of DP Isolator complete with SPS, insulators and jumpering arrangement etc suitable for 2x25kV systems.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	18.00	178078.00	3205404.00
2	2	Erection/Labour	Each	18.00	10569.00	190242.00

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						Total	3395646.00
Schedule	Schedule E -Non-SOR- Provision of anti-climbing device in monkey prone area						
Item- 1	Supply and erection of anticlimbing device etc., on OHE masts (BFB/RSJ/B-150 to B-250/K-150 to K-250)						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Supply/Material	Each	50.00	2580.00	129000.00	
2	2	Erection/Labour	Each	50.00	430.00	21500.00	
						Total	150500.00
Item- 2	Supply and erection of anticlimbing device etc., on OHE portals / TTCs (N/O/R/BFB/GU/TTU).						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Supply/Material	Each	100.00	4128.00	412800.00	
2	2	Erection/Labour	Each	100.00	430.00	43000.00	
						Total	455800.00
Schedule	Schedule F -Non-SOR: Tools and plants						
Item- 1	Supply of isolator OHE Key box along with locking arrangements						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Supply/Material	Each	5.00	4800.00	24000.00	
						Total	24000.00
Item- 2	Supply of insulator box along with locking arrangements						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Supply/Material	Each	5.00	10500.00	52500.00	
						Total	52500.00
Item- 3	Supply of Rail jumpers with both end clamps 3 mtrs 25Sq.mm High Insulated						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Supply/Material	Each	20.00	2478.00	49560.00	
						Total	49560.00
Item- 4	Supply of Rail jumpers with both end clamps 5 mtrs 25Sq.mm High Insulated						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Supply/Material	Each	20.00	3422.00	68440.00	
						Total	68440.00
Item- 5	Supply of Rail jumpers with both end clamps 10 mtrs 25Sq.mm High Insulated						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Supply/Material	Each	20.00	5723.00	114460.00	
						Total	114460.00
Item- 6	Supply of Rechargeable heavy duty LED torch						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Supply/Material	Each	5.00	1253.95	6269.75	
						Total	6269.75
Item- 7	Supply of electrical hand gloves class-4 (36000V),insulation gloves for electrical Works usage.						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Supply/Material	Each	6.00	240.00	1440.00	
						Total	1440.00
Item- 8	Supply of Digital Screw gauge						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Supply/Material	Each	2.00	7351.00	14702.00	
						Total	14702.00
Item- 9	Supply of Digital vernier callipers						

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S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	2.00	11793.00	23586.00
					Total	23586.00
Item- 10 Supply of Glass-fibre reinforced polyester tube Non-Contact High Voltage Detector						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	10.00	15930.00	159300.00
					Total	159300.00
Item- 11 Supply of digital megger						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	5.00	7837.56	39187.80
					Total	39187.80
Item- 12 Supply of hand driven megger						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply/Material	Each	5.00	6480.00	32400.00
					Total	32400.00

4. ELIGIBILITY CONDITIONS

Important : All documents uploaded and remarks / confirmation entered by the bidders against any eligibility condition shall be opened as part of technical bid only

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)

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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
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

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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
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)

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)

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5. COMPLIANCE

Important All documents uploaded and remarks / confirmation entered by the bidders against any compliance condition shall be opened as part of technical bid only.

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
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)

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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

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	BGform.pdf	BG form
2	NEFTform.pdf	NEFT form
3	BTPDTPYOHETENDERDocument_1.pdf	Tender Document BTPD TPY
4	AnnexuresmentionedninNIT_1.pdf	Annexures mentioned in NIT
5	GCC2022TOTALupdateduptoACS11_2.pdf	IRGCC 2022 updated upto ACS 11

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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