Tender No: EL-C-ADI-TRD-18R-2022-23 **Closing Date/Time:** 04/05/2023 15:00

DYCEE-C-ADI acting for and on behalf of The President of India invites E-Tenders against Tender No **EL-C-ADI-TRD-18R-2022-23** Closing Date/Time 04/05/2023 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		ting & Commissioning of 25 KVac OH auge Conversion Work of Ahmedabad	
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Two Packet System
Tender Closing Date Time	04/05/2023 15:00	Date Time Of Uploading Tender	03/04/2023 19:01
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	167943788.00	Tendering Section	TECHNICAL
Bidding Style	Single Rate for Each Schedul	e Bidding Unit	
Earnest Money (Rs.)	989700.00	Validity of Offer (Days)	90
Tender Doc. Cost (Rs.)	0.00	Period of Completion	12 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	20/04/2023	Are Joint Venture (JV) firms allowed to bid	Yes
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	e A-(Earth w		23215616.00	Above/ Below/Par							
	Please see	Item Break	up for detail	S.	23018760.00	AT Par	23018760.00				
1		n:- Concret		•	linth in all type of a ballast etc.)	soil incl. hard	/ rocky soil (incl. e	xcavation and			
0	Please see	Item Break	up for detail	S.	196856.00	AT Par	196856.00				
2	Descriptio	Description:- Reinforced Concrete for foundation and cable trench									

S.No.	o. Item Item Qty Qty Unit Unit Rate Basic Value Esc		Escl.(%)	Amount	Bidding Unit							
Schedul	e B-(Steel it	ems)					100759062.00	Above/ Below/Par				
	Please see	Item Break	up for detai	ls.	55942140.00	AT Par	55942140.00					
1	_	Description:- Supply of rolled or fabricated and galvanized traction mast, TTC, Portal with boom and AT masts, Feeder mast etc.										
0	Please see	Item Break	up for detai	ls.	16137180.00	AT Par	16137180.00					
2	Descriptio	Description:- Supply of fabricated and galvanized steel works other than traction mast, TTC, portals etc. (SPS)										
	Please see	Item Break	up for detai	ls.	19513142.00	AT Par	19513142.00					
3	Description tunnel	n:- Supply	of single ca	ntilever ass	embly complete wit	h insulator fo	r conventional OHE	and inside the				
4	Please see	Item Break	up for detai	ls.	180030.00	AT Par	180030.00					
4	Description:- Supply of pull-off arrangement for OHE											
F	Please see	Item Break	up for detai	ls.	1829005.00	AT Par	1829005.00					
5	Descriptio	n:- Supply	of guy rod a	ssembly								
	Please see	Item Break	up for detai	ls.	4703340.00	AT Par	4703340.00					
6	Description:- B-6 Supply of regulating equipment 3 pulley type complete with all accessories including cour weight assembly and SS wire rope for OHE.											
7	Please see	Item Break	up for detai	ls.	2274700.00	AT Par	2274700.00					
/	Description:- Supply of all types of GI bonds (40 X 6 mm)											
0	Please see Item Breakup for details. 179525.00 AT Par						179525.00					
Ö	Descriptio	n:- Supply	of Earth elec	ctrode- 3 Mt	r							

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Tender No: EL-C-ADI-TRD-18R-2022-23 **Closing Date/Time:** 04/05/2023 15:00

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit				
Schedule	C-(Switch (Gear, Insula	tors & other	Elec. Items)			9644980.00	Above/ Below/Par				
3	Please see	Item Breaku	ıp for details	3.	1742532.00	AT Par	1742532.00					
3	Description	n:- Supply o	f 25KV sing	le pole, 1600	A isolator							
	Please see	Item Breaku	ıp for details	3.	3402203.00	AT Par	3402203.00					
5	Description overhead e		f materials	for terminati	on of double condu	uctor (includino	g supply of 9 t cut-	in insulator) of				
	Please see	Item Breaku	p for details	3.	577748.00	AT Par	577748.00					
6	Description	n:- Supply o	tor with 9 t cut	-in insulator								
7	Please see	Item Breakı	ıp for details	6.	1112760.00	AT Par	1112760.00					
/	Description	Description:- Supply of section insulator assembly including core and cut-in insulator										
0	Please see	Item Breakı	p for details	3.	181610.00	AT Par	181610.00					
8	Description	n:- Supply o	f 25KV solid	I core cut-in	insulator							
0	Please see	Item Breakı	p for details	3.	191972.00	AT Par	191972.00					
9	Description:- Supply of 25KV solid core suspension insulator											
4.0	Please see	Item Breaku	p for details	S.	181280.00	AT Par	181280.00					
10	Description	n:- Supply o										
4.4	Please see	Item Breaku	ıp for details	3.	94236.00	AT Par	94236.00					
11	Description:- A-Supply of 10 KVA Change over panel as per RDSO spec. suitable for 10 KVA AT supply											
	Please see	Item Breaku	p for details	S.	755349.00	AT Par	755349.00					
11	Description	n:- B-Supply	of 25 KVA	Change ove	r panel as per RDS	O spec. suitat	ole for 25 KVA AT s	supply				
	Please see	Item Breaku	p for details	S.	141354.00	AT Par	141354.00					
11	Description:- C-Supply of 5 KVA Change over panel as per RDSO spec suitable for 5 KVA AT supply											
	Please see	Item Breaku	p for details	3.	254712.00	AT Par	254712.00					
18	Description:- A-Supply of Auxiliary Transformer 25 kV/230 V, 10 KVA with DO fuse assembly, LV box climbing device							LV box & Anti				
	Please see	Item Breaku	ıp for details	3.	764424.00	AT Par	764424.00					
18	Description:- B-Supply of Auxiliary Transformer 25 kV/230 V, 25 KVA with DO fuse assembly, LV box & Ar climbing device											
	Please see	Item Breakı	p for details	3.	244800.00	AT Par	244800.00					
18	Description climbing de		y of Auxiliai	ry Transforn	ner 25 kV/230 V, s	5 KVA with Do	O fuse assembly,	LV box & Anti				

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit			
Schedule	chedule D-(Copper items and PVC cables)							Above/ Below/Par			
	Please see Item Breakup for details. 13195109.00 AT Pa										
1	-				nt excluding catena ner boards including	•	•	des supply of			
0	Please see	Item Break	up for detail	S.	19350.00	AT Par	19350.00				
2	Description:- Supply of Catenary wire splice Over & above as required for item D1										
0	Please see	Please see Item Breakup for details. 49708.00 AT Pa					49708.00				
3	Descriptio	Description:- Supply of Contact wire splice over & above as required for item D1									

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit		
Schedule E-(Erection)							19130833.00	Above/ Below/Par		
	Please see	Item Break	up for detail	S.	661426.00	AT Par	661426.00			
1	Description:- Preparation all drawing and design for overhead equipment including preparation of pre pegging, pegging and OHE layout plan									
	Please see	Item Break	up for detail	S.	3501576.00	AT Par	3501576.00			
3										

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Tender No: EL-C-ADI-TRD-18R-2022-23 **Closing Date/Time:** 04/05/2023 15:00

box & anti climbing device Please see Item Breakup for details. 40014.00 AT Par 40014.00 Description:- Erection & commissioning of auxiliary transformer 25 KVA including DO fuse assembly, LV box & anti climbing device Please see Item Breakup for details. 2756644.00 AT Par 2756644.00 Description:- Erection of overhead equipment, including catenary, contact, jumper and dropper wires, fixing on number plates & various type of boards Please see Item Breakup for details. 645.00 AT Par 645.00 Description:- Transportation & laying of 10X2.5/2X2.5/2X4 Sq.mm PVC insulated stranded copper cable for control and indication Please see Item Breakup for details. 412800.00 AT Par 412800.00 Description:- Transportation & laying of 2x70 Sq.mm PVC insulated stranded aluminium cable from AT to DB Please see Item Breakup for details. 70950.00 AT Par 70950.00 Description:- Erection of 150 sqmm copper feeder wire. Please see Item Breakup for details. 1228854.00 AT Par 1228854.00 Description:- Transfer of OHE from one support to another and adjustment of droppers Please see Item Breakup for details. 147492.00 AT Par 147492.00	J	Description:- Erection of rolled or fabricated and portals	and galvanized trac	tion mast and	auxiliary transforme	er masts, TTC						
Description: Erection of fabricated and galvanized steel works other than traction mast (SPS) Please see litem Breakup for details. 153818-0.0 AT Par 153818-0.0 Description: Erection of single cantilever assembly complete with insulator for conventional CHE and inside the fundal time.			987012.00	AT Par	987012.00							
Description: Erection of single cantilever assembly complete with insulator for conventional OHE and inside the funnel for the feet of the	4	Description:- Erection of fabricated and galva	nized steel works o	ther than tract	tion mast (SPS)							
tunnel Please see Item Breakup for details. 21029.00 AT Par 21029.00		Please see Item Breakup for details.	1538196.00	AT Par	1538196.00							
Description:- Erection of pull-off arrangement for OHE	5	_	embly complete wit	th insulator for	conventional OHE	and inside the						
Please see Item Breakup for details. Please see Item Breakup for details. Please see Item Breakup for details. 20		Please see Item Breakup for details.	21029.00	AT Par	21029.00							
Please see Item Breakup for details. Please see Item Breakup for deta	6	Description:- Erection of pull-off arrangement	for OHE	L								
Please see Item Breakup for details. 521590.00 AT Par 521590.00		Please see Item Breakup for details.	320350.00	AT Par	320350.00							
Description: Erection of regulating equipment 3 pulley type complete with all accessories and adjustment of the same Please see Item Breakup for details. 571900.00 AT Par 571900.00	7	Description:- Erection of guy rod assembly		·								
Please see Item Breakup for details. 9 Description:- Erection of all types of GI bonds 10 Please see Item Breakup for details. 10 Please see Item Breakup for details. 10 Description:- Actrection of Earth electrode 11 Please see Item Breakup for details. 11 Description:- Actrection of Earth electrode 12 Please see Item Breakup for details. 13 Description:- Erection of 25KV single pole isolator without earth contact assembly 13 Please see Item Breakup for details. 14 Standard of Single/double conductor (including supply of cut-in insulator) of overhead equipment. 14 Please see Item Breakup for details. 15 Standard of Single/double conductor (including supply of cut-in insulator) of overhead equipment. 16 Description:- Erection of anti-creep with 9T insulator over & above as incl. in E34 17 Please see Item Breakup for details. 18 Standard of Single/double conductor (including supply of cut-in insulator) of overhead equipment. 19 Description:- Erection of section insulator assembly including core and cut-in insulator 10 Description:- Erection 25KV solid core cut-in insulator 11 Please see Item Breakup for details. 19 Standard of Single/double conductor. 12 Please see Item Breakup for details. 19 Standard of Single/double conductor. 12 Please see Item Breakup for details. 19 Standard of Single/double conductor. 12 Please see Item Breakup for details. 19 Standard of Single/double conductor. 19 Please see Item Breakup for details. 20 Description:- Erection of 25KV solid core cut-in insulator 21 Please see Item Breakup for details. 21 Description:- Erection of 25KV solid core suspension insulator 22 Please see Item Breakup for details. 23 Standard of Single/double conductor. 24 Please see Item Breakup for details. 25 Standard of Single/double conductor. 25 Please see Item Breakup for details. 26 Standard of Single Act o		Please see Item Breakup for details.	521590.00	AT Par	521590.00							
Description:- Erection of all types of Gl bonds	8		t 3 pulley type com	plete with all a	accessories and adju	ustment of the						
Description: Erection of all types of Globods Please see ltem Breakup for details. 65059.00 AT Par 65059.00 Description: A-Erection of Earth electrode Please see ltem Breakup for details. 100496.00 AT Par 100496.00 Description: Erection of SEKV single pole isolator without earth contact assembly Please see ltem Breakup for details. 431935.00 AT Par 431935.00 Description: Erection of materials for termination of Single/double conductor (including supply of cut-insulator) of overhead equipment. 334196.00 AT Par 334196.00 Description: Erection of anti-creep with 9T insulator over & above as incl. in E34 Please see ltem Breakup for details. 334196.00 AT Par 334196.00 Description: Erection of anti-creep with 9T insulator over & above as incl. in E34 Please see ltem Breakup for details. 130834.00 AT Par 130834.00 Description: Erection of section insulator assembly including core and cut-in insulator	•	Please see Item Breakup for details.	571900.00	AT Par	571900.00							
Description: A-Erection of Earth electrode Please see Item Breakup for details. Please see Item Breakup fo	9	Description:- Erection of all types of GI bonds		•								
Description: A-Erection of Earth electrode Please see letm Breakup for details. 100496.00 AT Par 100496.00 Please see ltem Breakup for details. 431935.00 AT Par 431935.00 Please see ltem Breakup for details. 431935.00 AT Par 431935.00 Please see ltem Breakup for details. 431935.00 AT Par 431935.00 Please see ltem Breakup for details. 334196.00 AT Par 334196.00 Please see ltem Breakup for details. 334196.00 AT Par 334196.00 Please see ltem Breakup for details. 130834.00 AT Par 130834.00 Please see ltem Breakup for details. 130834.00 AT Par 130834.00 Please see ltem Breakup for details. 19976.00 AT Par 19976.00 Please see ltem Breakup for details. 19976.00 AT Par 19976.00 Please see ltem Breakup for details. 23386.00 AT Par 19976.00 Please see ltem Breakup for details. 23386.00 AT Par 18678.00 Please see ltem Breakup for details. 23386.00 AT Par 18678.00 Please see ltem Breakup for details. 18678.00 AT Par 18678.00 Please see ltem Breakup for details. 37308.00 AT Par 37308.00 Please see ltem Breakup for details. 37308.00 AT Par 37308.00 Please see ltem Breakup for details. 37308.00 AT Par 37308.00 Please see ltem Breakup for details. 55674.00 AT Par 55674.00 Please see ltem Breakup for details. 55674.00 AT Par 55674.00 Please see ltem Breakup for details. 55674.00 AT Par 55674.00 Please see ltem Breakup for details. 55674.00 AT Par 55674.00 Please see ltem Breakup for details. 55674.00 AT Par 55674.00 Please see ltem Breakup for details. 40014.00 AT Par 40014.00 Please see ltem Breakup for details. 2756644.00 AT Par 40014.00 Please see ltem Breakup for details. 2756644.00 AT Par 476644.00 Please see ltem Breakup for details. 2756644.00 AT Par 645.00 Please see ltem Breakup for details. 418800.00 AT Par 412800.00 Please see ltem Breakup for deta		Please see Item Breakup for details.	65059.00	AT Par	65059.00							
Description: Erection of 25KV single pole isolator without earth contact assembly	10	Description:- A-Erection of Earth electrode										
Please see Item Breakup for details. 130834.00 AT Par 130834.00 Please see Item Breakup for details. 334196.00 AT Par 334196.00 Please see Item Breakup for details. 334196.00 AT Par 334196.00 Please see Item Breakup for details. 334196.00 AT Par 334196.00 Please see Item Breakup for details. 130834.00 AT Par 130834.00 Please see Item Breakup for details. 130834.00 AT Par 130834.00 Please see Item Breakup for details. 19976.00 AT Par 19976.00 Please see Item Breakup for details. 19976.00 AT Par 19976.00 Please see Item Breakup for details. 23386.00 AT Par 19976.00 Please see Item Breakup for details. 23386.00 AT Par 18678.00 Please see Item Breakup for details. 18678.00 AT Par 18678.00 Please see Item Breakup for details. 18678.00 AT Par 18678.00 Please see Item Breakup for details. 18678.00 AT Par 18678.00 Please see Item Breakup for details. 37308.00 AT Par 37308.00 Please see Item Breakup for details. 37308.00 AT Par 37308.00 Please see Item Breakup for details. 37308.00 AT Par 37308.00 Please see Item Breakup for details. 37308.00 AT Par 37308.00 Please see Item Breakup for details. 55674.00 AT Par 55674.00 Please see Item Breakup for details. 55674.00 AT Par 55674.00 Please see Item Breakup for details. 55674.00 AT Par 40014.00 Please see Item Breakup for details. 40014.00 AT Par 40014.00 Please see Item Breakup for details. 2756644.00 AT Par 2756644.00 Please see Item Breakup for details. 2756644.00 AT Par 2756644.00 Please see Item Breakup for details. 2756644.00 AT Par 40014.00 Please see Item Breakup for details. 2756644.00 AT Par 40014.00 Please see Item Breakup for details. 40014.00 AT Par 40014.00 Please see Item Breakup for details. 40014.00 AT Par 40014.00 Please see Item Breakup for details. 40014.00 AT Par 40014.00 Please see Item Breakup for details. 40014.00 AT Par 400		Please see Item Breakup for details.	100496.00	AT Par	100496.00							
Description:- Erection of materials for termination of Single/double conductor (including supply of cut-in insulator) of overhead equipment.	16	Description:- Erection of 25KV single pole iso	lator without earth o	contact assem	bly							
insulator) of overhead equipment. Please see ltem Breakup for details. 334196.00 AT Par 334196.00 Description:- Erection of anti-creep with 9T insulator over & above as incl. in E34 Please see ltem Breakup for details. 130834.00 AT Par 130834.00 Description:- Erection of section insulator assembly including core and cut-in insulator Please see ltem Breakup for details. 19976.00 AT Par 19976.00 Please see ltem Breakup for details. 19976.00 AT Par 19976.00 Description:- Erection of 25KV solid core cut-in insulator Please see ltem Breakup for details. 23386.00 AT Par 23386.00 Description:- Erection of 25KV solid core suspension insulator Please see ltem Breakup for details. 18678.00 AT Par 18678.00 Description:- Erection of 25KV solid core suspension insulator Please see ltem Breakup for details. 37308.00 AT Par 37308.00 Description:- Erection of 15KVA Change over panel as per RDSC spec. suitable for 10 KVA AT supply Please see ltem Breakup for details. 3574.00 AT Par 55674.00 Description:- A-Erection & commissioning of auxiliary transformer 5 & 10 KVA including DO fuse assembly, LV box & anti climbing device Please see ltem Breakup for details. 40014.00 AT Par 40014.00 Description:- Erection & commissioning of auxiliary transformer 25 KVA including DO fuse assembly, LV box & anti climbing device Please see ltem Breakup for details. 2756644.00 AT Par 2756644.00 Description:- Erection & commissioning of auxiliary transformer 25 KVA including DO fuse assembly, LV box & anti climbing device Please see ltem Breakup for details. 2756644.00 AT Par 40014.00 Description:- Erection of overhead equipment, including catenary, contact, jumper and dropper wires, fixing on number plates & various type of boards Please see ltem Breakup for details. 412800.00 AT Par 412800.00 Description:- Transportation & laying of 10X2.5/2X2.5/2X4 Sq.mm PVC insulated stranded copper cable for control and indication Please see ltem Breakup for details. 70950.00 AT Par 1228854.00 Description:- Transportation & laying of 2		Please see Item Breakup for details.	431935.00	AT Par	431935.00							
Description:- Erection of anti-creep with 9T insulator over & above as incl. in E34 Please see Item Breakup for details. 130834.00 AT Par 130834.00 Description:- Erection of section insulator assembly including core and cut-in insulator Please see Item Breakup for details. 19976.00 AT Par 19976.00 Description:- Erection 25KV solid core cut-in insulator Please see Item Breakup for details. 23386.00 AT Par 23386.00 Description:- Erection of 25KV solid core suspension insulator Please see Item Breakup for details. 18678.00 AT Par 18678.00 Description:- Erection of 25KV Post/Support insulator Please see Item Breakup for details. 37308.00 AT Par 37308.00 Description:- Erection of 10 KVA Change over panel as per RDSO spec. suitable for 10 KVA AT supply Please see Item Breakup for details. 55674.00 AT Par 55674.00 Description:- A: Erection & commissioning of auxiliary transformer 5 & 10 KVA including DO fuse assembly, LV box & anti climbing device Please see Item Breakup for details. 40014.00 AT Par 40014.00 Description:- Erection & commissioning of auxiliary transformer 25 KVA including DO fuse assembly, LV box & anti climbing device Please see Item Breakup for details. 2756644.00 AT Par 2756644.00 Description:- Erection of overhead equipment, including catenary, contact, jumper and dropper wires, fixing on umber plates & various type of boards Please see Item Breakup for details. 645.00 AT Par 645.00 Description:- Transportation & laying of 10X2.5/2X2.5/2X4 Sq.mm PVC insulated stranded copper cable for control and indication Please see Item Breakup for details. 70950.00 AT Par 70950.00 Description:- Transportation & laying of 2x70 Sq.mm PVC insulated stranded aluminium cable from AT to DB Please see Item Breakup for details. 70950.00 AT Par 70950.00 Description:- Transportation & laying of 2x70 Sq.mm PVC insulated stranded aluminium cable from AT to DB Please see Item Breakup for details. 122854.00 AT Par 122854.00 Description:- Erection of 156 sqmm copper feeder wire. Please see Item Breakup f	18		mination of Single	double condu	uctor (including su	pply of cut-in						
Description:- Erection of anti-creep with 9T insulator over & above as incl. in ES4	10	Please see Item Breakup for details.	334196.00	AT Par	334196.00							
Description:- Erection of section insulator assembly including core and cut-in insulator Please see Item Breakup for details. 19976.00 AT Par 19976.00 Description:- Erection 25KV solid core cut-in insulator Please see Item Breakup for details. 23366.00 AT Par 23386.00 Description:- Erection of 25KV solid core suspension insulator Please see Item Breakup for details. 18678.00 AT Par 18678.00 Description:- Erection of 25KV Post/Support insulator Please see Item Breakup for details. 37308.00 AT Par 37308.00 Description:- Erection of 10 KVA Change over panel as per RDSO spec. suitable for 10 KVA AT supply Please see Item Breakup for details. 55674.00 AT Par 55674.00 Description:- A-Erection & commissioning of auxiliary transformer 5 & 10 KVA including DO fuse assembly, LV box & anti climbing device Please see Item Breakup for details. 40014.00 AT Par 40014.00 Description:- Erection & commissioning of auxiliary transformer 25 KVA including DO fuse assembly, LV box & anti climbing device Please see Item Breakup for details. 2756644.00 AT Par 2756644.00 Description:- Erection & commissioning of auxiliary transformer 25 KVA including DO fuse assembly, LV box & anti climbing device Please see Item Breakup for details. 2756644.00 AT Par 2756644.00 Description:- Erection of overhead equipment, including catenary, contact, jumper and dropper wires, fixing on number plates & various type of boards Please see Item Breakup for details. 645.00 AT Par 645.00 Description:- Transportation & laying of 10X2.5/2X2.5/2X4 Sq.mm PVC insulated stranded copper cable for control and indication Please see Item Breakup for details. 70950.00 AT Par 70950.00 Description:- Transportation & laying of 2x70 Sq.mm PVC insulated stranded aluminium cable from AT to DB 70 Description:- Transfer of OHE from one support to another and adjustment of droppers Please see Item Breakup for details. 1228854.00 AT Par 1228854.00 Description:- Transfer of OHE from one support to another and adjustment of droppers	19	Description:- Erection of anti-creep with 9T in	sulator over & abov	e as incl. in E	34							
Please see Item Breakup for details. Please see Item Breakup for deta	0.0	Please see Item Breakup for details.	130834.00	AT Par	130834.00							
Description:- Erection 25KV solid core cut-in insulator	20	Description:- Erection of section insulator ass	embly including cor	e and cut-in ir	nsulator							
Please see Item Breakup for details. 23386.00 AT Par 23386.00 Description:- Erection of 25KV solid core suspension insulator Please see Item Breakup for details. 23 Description:- Erection of 25KV Post/Support insulator Please see Item Breakup for details. 24 Description:- Erection of 10 KVA Change over panel as per RDSO spec. suitable for 10 KVA AT supply Please see Item Breakup for details. 55674.00 AT Par 55674.00 Description:- A-Erection & commissioning of auxiliary transformer 5 & 10 KVA including DO fuse assembly, LV box & anti climbing device Please see Item Breakup for details. 40014.00 AT Par 40014.00 Description:- Erection & commissioning of auxiliary transformer 25 KVA including DO fuse assembly, LV box & anti climbing device Please see Item Breakup for details. Description:- Erection & commissioning of auxiliary transformer 25 KVA including DO fuse assembly, LV box & anti climbing device Please see Item Breakup for details. 2756644.00 AT Par 2756644.00 Description:- Erection of overhead equipment, including catenary, contact, jumper and dropper wires, fixing on number plates & various type of boards Please see Item Breakup for details. 645.00 AT Par 645.00 Description:- Transportation & laying of 10X2.5/2X2.5/2X4 Sq.mm PVC insulated stranded copper cable for control and indication Please see Item Breakup for details. 412800.00 AT Par 70950.00 Description:- Transportation & laying of 2x70 Sq.mm PVC insulated stranded aluminium cable from AT to DB Description:- Erection of 150 sqmm copper feeder wire. Please see Item Breakup for details. 1228854.00 AT Par 1228854.00 Description:- Transfer of OHE from one support to another and adjustment of droppers Please see Item Breakup for details. 147492.00 AT Par 147492.00	01	Please see Item Breakup for details.	19976.00	AT Par	19976.00							
Description:- Erection of 25KV solid core suspension insulator Please see Item Breakup for details. 18678.00 AT Par 18678.00 Description:- Erection of 25KV Post/Support insulator Please see Item Breakup for details. 37308.00 AT Par 37308.00 Description:- Erection of 10 KVA Change over panel as per RDSO spec. suitable for 10 KVA AT supply Please see Item Breakup for details. 55674.00 AT Par 55674.00 Description:- A-Erection & commissioning of auxiliary transformer 5 & 10 KVA including DO fuse assembly, LV box & anti climbing device Please see Item Breakup for details. 40014.00 AT Par 40014.00 Description:- Erection & commissioning of auxiliary transformer 25 KVA including DO fuse assembly, LV box & anti climbing device Please see Item Breakup for details. 2756644.00 AT Par 2756644.00 Description:- Erection of overhead equipment, including catenary, contact, jumper and dropper wires, fixing on number plates & various type of boards Please see Item Breakup for details. 645.00 AT Par 645.00 Description:- Transportation & laying of 10X2.5/2X2.5/2X4 Sq.mm PVC insulated stranded copper cable for control and indication Please see Item Breakup for details. 412800.00 AT Par 412800.00 Description:- Transportation & laying of 2x70 Sq.mm PVC insulated stranded aluminium cable from AT to DB Please see Item Breakup for details. 70950.00 AT Par 70950.00 Description:- Transportation & 1aying of 2x70 Sq.mm PVC insulated stranded aluminium cable from AT to DB Please see Item Breakup for details. 70950.00 AT Par 70950.00 Description:- Transportation of 150 sqmm copper feeder wire. Please see Item Breakup for details. 1228854.00 AT Par 1228854.00 Description:- Transfer of OHE from one support to another and adjustment of droppers Please see Item Breakup for details. 147492.00 AT Par 147492.00	21	Description:- Erection 25KV solid core cut-in i	Description:- Erection 25KV solid core cut-in insulator									
Please see Item Breakup for details. 23 Please see Item Breakup for details. 24 Please see Item Breakup for details. 25 Please see Item Breakup for details. 26 Please see Item Breakup for details. 27 Please see Item Breakup for details. 28 Please see Item Breakup for details. 29 Please see Item Breakup for details. 20 Please see Item Breakup for details. 20 Please see Item Breakup for details. 20 Please see Item Breakup for details. 21 Please see Item Breakup for details. 22 Please see Item Breakup for details. 23 Please see Item Breakup for details. 24 Please see Item Breakup for details. 25 Please see Item Breakup for details. 27 Please see Item Breakup for details. 28 Please see Item Breakup for details. 36 Please see Item Breakup for details. 37 Please see Item Breakup for details. 38 Please see Item Breakup for details. 41 Please see Item Breakup for details.	00	Please see Item Breakup for details.	23386.00	AT Par	23386.00							
Description:- Erection of 25KV Post/Support insulator Please see Item Breakup for details. 37308.00 AT Par 37308.00 Description:- Erection of 10 KVA Change over panel as per RDSO spec. suitable for 10 KVA AT supply Please see Item Breakup for details. 55674.00 AT Par 55674.00 Description:- A-Erection & commissioning of auxiliary transformer 5 & 10 KVA including DO fuse assembly, LV box & anti climbing device Please see Item Breakup for details. 40014.00 AT Par 40014.00 Description:- Erection & commissioning of auxiliary transformer 25 KVA including DO fuse assembly, LV box & anti climbing device Please see Item Breakup for details. 2756644.00 AT Par 2756644.00 Description:- Erection of overhead equipment, including catenary, contact, jumper and dropper wires, fixing on number plates & various type of boards Please see Item Breakup for details. 645.00 AT Par 645.00 Description:- Transportation & laying of 10X2.5/2X2.5/2X4 Sq.mm PVC insulated stranded copper cable for control and indication Please see Item Breakup for details. 412800.00 AT Par 412800.00 Description:- Transportation & laying of 2x70 Sq.mm PVC insulated stranded aluminium cable from AT to DB Please see Item Breakup for details. 70950.00 AT Par 70950.00 Description:- Erection of 150 sqmm copper feeder wire. Please see Item Breakup for details. 1228854.00 AT Par 1228854.00 Description:- Transfer of OHE from one support to another and adjustment of droppers Please see Item Breakup for details. 147492.00 AT Par 147492.00	22	Description:- Erection of 25KV solid core susp	pension insulator									
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anti climbing device Please see Item Breakup for details. 2756644.00 AT Par 2756644.00 Description:- Erection of overhead equipment, including catenary, contact, jumper and dropper wires, fixing on number plates & various type of boards Please see Item Breakup for details. 645.00 AT Par 645.00 Description:- Transportation & laying of 10X2.5/2X2.5/2X4 Sq.mm PVC insulated stranded copper cable for control and indication Please see Item Breakup for details. 412800.00 AT Par 412800.00 Description:- Transportation & laying of 2x70 Sq.mm PVC insulated stranded aluminium cable from AT to DB Please see Item Breakup for details. 70950.00 AT Par 70950.00 Description:- Erection of 150 sqmm copper feeder wire. Please see Item Breakup for details. 1228854.00 AT Par 1228854.00 Description:- Transfer of OHE from one support to another and adjustment of droppers Please see Item Breakup for details. 147492.00 AT Par 147492.00		Please see Item Breakup for details.	40014.00	AT Par	40014.00							
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number plates & various type of boards Please see Item Breakup for details. 645.00 AT Par 645.00 Description:- Transportation & laying of 10X2.5/2X2.5/2X4 Sq.mm PVC insulated stranded copper cable for control and indication Please see Item Breakup for details. 412800.00 AT Par 412800.00 Description:- Transportation & laying of 2x70 Sq.mm PVC insulated stranded aluminium cable from AT to DB Please see Item Breakup for details. 70950.00 AT Par 70950.00 Description:- Erection of 150 sqmm copper feeder wire. Please see Item Breakup for details. 1228854.00 AT Par 1228854.00 Description:- Transfer of OHE from one support to another and adjustment of droppers Please see Item Breakup for details. 147492.00 AT Par 147492.00		Please see Item Breakup for details.	2756644.00	AT Par	2756644.00							
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control and indication Please see Item Breakup for details. 412800.00 AT Par 412800.00 Description:- Transportation & laying of 2x70 Sq.mm PVC insulated stranded aluminium cable from AT to DB Please see Item Breakup for details. 70950.00 AT Par 70950.00 Description:- Erection of 150 sqmm copper feeder wire. Please see Item Breakup for details. 1228854.00 AT Par 1228854.00 Description:- Transfer of OHE from one support to another and adjustment of droppers Please see Item Breakup for details. 147492.00 AT Par 147492.00		Please see Item Breakup for details.	645.00	AT Par	645.00							
Description:- Transportation & laying of 2x70 Sq.mm PVC insulated stranded aluminium cable from AT to DB Please see Item Breakup for details. 70950.00 AT Par 70950.00 Description:- Erection of 150 sqmm copper feeder wire. Please see Item Breakup for details. 1228854.00 AT Par 1228854.00 Description:- Transfer of OHE from one support to another and adjustment of droppers Please see Item Breakup for details. 147492.00 AT Par 147492.00	35		(2.5/2X2.5/2X4 Sq.	.mm PVC inst	ulated stranded cop	oper cable for						
Description:- Transportation & laying of 2x70 Sq.mm PVC insulated stranded aluminium cable from AT to DB	36	Please see Item Breakup for details.	412800.00	AT Par	412800.00							
Description:- Erection of 150 sqmm copper feeder wire. Please see Item Breakup for details. 1228854.00 AT Par 1228854.00 Description:- Transfer of OHE from one support to another and adjustment of droppers Please see Item Breakup for details. 147492.00 AT Par 147492.00	30	Description:- Transportation & laying of 2x70	Sq.mm PVC insula	ted stranded a	aluminium cable fron	n AT to DB						
Description:- Erection of 150 sqmm copper feeder wire. Please see Item Breakup for details. 1228854.00 AT Par 1228854.00 Description:- Transfer of OHE from one support to another and adjustment of droppers Please see Item Breakup for details. 147492.00 AT Par 147492.00	38	Please see Item Breakup for details.	70950.00	AT Par	70950.00							
Description:- Transfer of OHE from one support to another and adjustment of droppers Please see Item Breakup for details. 147492.00 AT Par 147492.00	JO	Description:- Erection of 150 sqmm copper fe	eder wire.									
Description:- Transfer of OHE from one support to another and adjustment of droppers Please see Item Breakup for details. 147492.00 AT Par 147492.00	<i>1</i> 1	Please see Item Breakup for details.	1228854.00	AT Par	1228854.00							
Please see Item Breakup for details. 147492.00 AT Par 147492.00	41	Description:- Transfer of OHE from one supp	ort to another and a	adjustment of	droppers							
	4 3	Please see Item Breakup for details.	147492.00	AT Par	147492.00							

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Tender No: EL-C-ADI-TRD-18R-2022-23 **Closing Date/Time:** 04/05/2023 15:00

70	Description:- Dismantling & removal of OHE	Description:- Dismantling & removal of OHE complete with cantelever, droppers, contact & catenary wire etc.									
4.4	Please see Item Breakup for details.	16448.00	AT Par	16448.00							
44	Description:- Dismantling & removal of Auxiliary transformer with DO fuse										
45	Please see Item Breakup for details.	20610.00	AT Par	20610.00							
45	Description:- Dismantling & removal of Isolate	Description:- Dismantling & removal of Isolator complete									
40	Please see Item Breakup for details.	152614.00	AT Par	152614.00							
46	Description:- Dismantling & removal of Mast,	Description:- Dismantling & removal of Mast, portal, TTC & other small part steel									
47	Please see Item Breakup for details.	114122.00	AT Par	114122.00							
47	Description:- Breaking of concrete foundation of Masts, portals & TTC										
40	Please see Item Breakup for details.	28094.00	AT Par	28094.00							
48	Description:- Dismantling & removal of Guy rod assembly										
F0	Please see Item Breakup for details.	40616.00	AT Par	40616.00							
50	Description:- Providing (Supply & erection) of	Description:- Providing (Supply & erection) of Sectioning diagram board at stations									
	Please see Item Breakup for details.	647580.00	AT Par	647580.00							
54		Description:- Transportation of Railway supply materials from Railways depots to work site OR Transportation of Released material from work site to Railway depot.									
	Please see Item Breakup for details.	4112729.00	AT Par	4112729.00							
55	Description:- Work under Power Block:Any block is subject to have extra rate.	Description:- Work under Power Block:Any erection work as per schedule done under power and /or Traffic									

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit			
Schedul	e F-SCHEDL	JLE - F (Ger	neral)				1929130.00	Above/ Below/Par			
1	Please see	Item Breakı	ıp for detail:	3.	1182240.00	AT Par	1182240.00				
1	Description	n:- Providinզ	of man and ma	aterial for the work							
	Please see	Item Breakı	ıp for detail:	3.	460416.00	AT Par	460416.00				
2	Description:- Providing temporary lighting & accommodation arrangment during night working and TWO by portable type 2 to 5 KVA DG Set on hiring basis comlete with fuel, oil, accessories and all material.										
2	Please see	Item Breaku	ıp for detail:	3.	234909.00	AT Par	234909.00				
3	Description:- Preparation documents, SWR, App G, Display Notice boards, key box for EIG & CRS.										
4	Please see	Item Breakı	ıp for detail:	3.	18791.00	AT Par	18791.00				
4	Description	Description:- Tree Trimming for OHE section									
E	Please see	Item Breakı	AT Par	32774.00							
3	Description	n:- Groves,	lelmet, safe	ty items for	operating and elec	trical staff at a	II station and LC ga	ite.			

3. ITEM BREAKUP

Schedule	Schedu	le A-(Earth work & Foundation)				
Item- 1		te for foundation and plinth in all type of soil incl. hard/ rockls viz., sand, cement, and ballast etc.)	ky soil (incl	. excavatio	on and suppl	y of all
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	A-1	cum	3870.00	5948.00	23018760.00
					Total	23018760.00
Item- 2	Reinfor	ced Concrete for foundation and cable trench				
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	2	A-2	cum	22.00	8948.00	196856.00
	•				Total	196856.00
Schedule	Schedu	le B-(Steel items)				
Item- 1	Supply etc.	of rolled or fabricated and galvanized traction mast, TTC, I	Portal with	boom and	l AT masts, F	eeder mast
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount

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Ι.	Ι.	E.	I	T =		
1	1	B-1	MT	516.00		55942140.00
H 0	0		t TT	0		55942140.00
Item- 2	Supply	of fabricated and galvanized steel works other than traction	1	· ·		Amount
S No.	No	Description of Item	Unit	Qty	Rate	Amount
1	2	B-2	MT	148.00		16137180.00
	1				Total	16137180.00
Item- 3	Supply	of single cantilever assembly complete with insulator for co	nventional	OHE and	l inside the tu	innel
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	3	B-3	Each	946.00	20627.00	19513142.00
					Total	19513142.00
Item- 4	Supply	of pull-off arrangement for OHE				
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	4	B-4	Each	17.00	10590.00	180030.00
					Total	180030.00
Item- 5	Supply	of guy rod assembly				
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	5	B-5	Each	215.00	8507.00	1829005.00
	•				Total	1829005.00
Item- 6		oply of regulating equipment 3 pulley type complete with all oly and SS wire rope for OHE.	accessorie	es includir	ng counter we	eight
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	6	B-6	Each	86.00	54690.00	4703340.00
	•				Total	4703340.00
Item- 7	Supply	of all types of GI bonds (40 X 6 mm)				
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	7	B-7	Each	2150.00	1058.00	2274700.00
					Total	2274700.00
Item- 8	Supply	of Earth electrode- 3 Mtr				
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	8	B-8 A	Each	43.00	4175.00	179525.00
					Total	179525.00
Schedule	Schedu	le C-(Switch Gear, Insulators & other Elec. Items)				
Item- 3	Supply	of 25KV single pole, 1600A isolator				
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	3	C-3	Each	22.00	79206.00	1742532.00
			•		Total	1742532.00
Item- 5	Supply equipm	of materials for termination of double conductor (including ent.	supply of 9	t cut-in ir	nsulator) of o	verhead
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	5	C-5	Each	301.00	11303.00	3402203.00
	1				Total	3402203.00
Item- 6	Supply	of materials for termination of single conductor with 9 t cut-	in insulato	r		
	- · · · · 		1	1	D.11	A
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount

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				Total	577748.00
Supply	of section insulator assembly including core and cut-in insul	lator			
Item No	Description of Item	Unit	Qty	Rate	Amount
7	C-7	Each	22.00	50580.00	1112760.00
				Total	1112760.00
Supply	of 25KV solid core cut-in insulator				
Item No	Description of Item	Unit	Qty	Rate	Amount
8	C-8	Each	22.00	8255.00	181610.00
				Total	181610.00
Supply	of 25KV solid core suspension insulator				
Item No	Description of Item	Unit	Qty	Rate	Amount
9	C-9	Each	22.00	8726.00	191972.00
				Total	191972.00
Supply	of 25KV post insulator				
Item No	Description of Item	Unit	Qty	Rate	Amount
10	C-10	Each	22.00	8240.00	181280.00
-				Total	181280.00
A-Supp	ly of 10 KVA Change over panel as per RDSO spec. suitable	e for 10 K\	/A AT su	oply	
Item No	Description of Item	Unit	Qty	Rate	Amount
11	C-11 A	Each	3.00	31412.00	94236.00
				Total	94236.00
B-Supp	ly of 25 KVA Change over panel as per RDSO spec. suitable	e for 25 K\	/A AT su	oply	
Item No	Description of Item	Unit	Qty	Rate	Amount
11	C-11 B	Each	3.00	251783.00	755349.00
				Total	755349.00
C-Supp	ly of 5 KVA Change over panel as per RDSO spec suitable	for 5 KVA	AT supply	У	
Item No	Description of Item	Unit	Qty	Rate	Amount
11	C-11 C	Each	6.00	23559.00	141354.00
				Total	141354.00
A-Supp	ly of Auxiliary Transformer 25 kV/230 V, 10 KVA with DO fu	se assemb	ly, LV bo	x & Anti climb	ing device
Item No	Description of Item	Unit	Qty	Rate	Amount
18	C-18	Each	3.00	84904.00	254712.00
1				Total	254712.00
B-Supp	ly of Auxiliary Transformer 25 kV/230 V, 25 KVA with DO fu	se assemb	ly, LV bo	x & Anti climb	ing device
Item No	Description of Item	Unit	Qty	Rate	Amount
18	C-18 B	Each	3.00	254808.00	764424.00
				Total	764424.00
C-Supp	ly of Auxiliary Transformer 25 kV/230 V, 5 KVA with DO fuse	e assembly	y, LV box	& Anti climbir	ng device.
Item No	Description of Item	Unit	Qty	Rate	Amount
18	C-18 C	Each	6.00	40800.00	244800.00
10					
10				Total	244800.00
	le D-(Copper items and PVC cables)			Total	244800.00
	Item No 7 Supply Item No 9 Supply Item No 11 Supply Item No 11 Supply Item No 11 Supply Item No 11 Suppl Item No 18 Suppl Ite	Item No Pescription of Item No	No	Item No	Supply of section insulator assembly including core and cut-in insulator Item No Description of Item Unit Qty Rate

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	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	D-1	Per Track KM	43.00	306863.00	13195109.00
					Total	13195109.00
Item- 2	Supply	of Catenary wire splice Over & above as required for item	D1		_	
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	2	D-2	Each	43.00	450.00	19350.00
					Total	19350.00
Item- 3	Supply	of Contact wire splice over & above as required for item D	1		T	
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	3	D-3	Each	43.00	1156.00	49708.00
	ı				Total	49708.00
Schedule	Schedu	le E-(Erection)				
Item- 1		ation all drawing and design for overhead equipment includ yout plan	1			egging and
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	E-1	Per Track KM	43.00	15382.00	661426.00
	ı				Total	661426.00
Item- 3	Erection	n of rolled or fabricated and galvanized traction mast and a	auxiliary trar	sformer	masts, TTC a	and portals
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	3	E-3	MT	516.00	6786.00	3501576.00
	1				Total	3501576.00
Item- 4	Erection	n of fabricated and galvanized steel works other than tracti	on mast (SI	PS)	1	
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	4	E-4	MT	148.00		
1	4				Total	987012.00
Item- 5	4	n of single cantilever assembly complete with insulator for	conventiona	l OHE ar	Total	987012.00 tunnel
Item- 5 S No.	4 Erection	n of single cantilever assembly complete with insulator for Description of Item	conventiona Unit		Total	987012.00
Item- 5	4 Erection	n of single cantilever assembly complete with insulator for	conventiona	l OHE ar	Total and inside the Rate	987012.00 tunnel Amount 1538196.00
Item- 5 S No.	Erection Item No 5	n of single cantilever assembly complete with insulator for Description of Item E-5	conventiona Unit	I OHE ar Qty	Total nd inside the Rate	987012.00 tunnel Amount 1538196.00
Item- 5 S No.	Erection No 5	Description of Item E-5 of pull-off arrangement for OHE	Conventiona Unit Each	Qty 946.00	Total nd inside the Rate 1626.00 Total	987012.00 tunnel Amount 1538196.00 1538196.00
Item- 5 S No.	Erection S Erection Item No Item No Item No Item No Item No	Description of ltem E-5 of pull-off arrangement for OHE Description of Item	Unit Each Unit	Qty 946.00 Qty	Total nd inside the Rate 1626.00 Total Rate	987012.00 tunnel Amount 1538196.00 1538196.00 Amount
Item- 5 S No.	Erection No 5 Erection Item	Description of Item E-5 of pull-off arrangement for OHE	Conventiona Unit Each	Qty 946.00	Total nd inside the Rate 1626.00 Total Rate 1237.00	987012.00 tunnel Amount 1538196.00 1538196.00 Amount 21029.00
Item- 5 S No.	Erection Stem No Stem Litem No Litem	Description of Item E-5 of pull-off arrangement for OHE Description of Item Description of Item	Unit Each Unit	Qty 946.00 Qty	Total nd inside the Rate 1626.00 Total Rate	987012.00 tunnel Amount 1538196.00 1538196.00 Amount 21029.00
Item- 5 S No. Item- 6 S No.	Erection Tem No Erection Item No Erection Erection Erection	Description of Item E-5 To of pull-off arrangement for OHE Description of Item Description of Item	Each Unit Unit Each	946.00 Qty 917.00	Total nd inside the Rate 1626.00 Total Rate 1237.00 Total	987012.00 tunnel Amount 1538196.00 1538196.00 Amount 21029.00 21029.00
Item- 5 S No.	Erection Stem No Stem Litem No Litem	Description of Item E-5 of pull-off arrangement for OHE Description of Item Description of Item	Unit Each Unit	Qty 946.00 Qty	Total nd inside the Rate 1626.00 Total Rate 1237.00	987012.00 tunnel Amount 1538196.00 1538196.00 Amount 21029.00
Item- 5 S No. Item- 6 S No. Item- 7 S No.	Erection Tem No Erection Item No Erection Item No Erection Item Item No Item Item Item Item Item Item Item Ite	Description of Item E-5 To of pull-off arrangement for OHE Description of Item Description of Item	Each Unit Unit Each	946.00 Qty 917.00	Total nd inside the Rate 1626.00 Total Rate 1237.00 Total Rate	987012.00 tunnel Amount 1538196.00 1538196.00 Amount 21029.00 21029.00 Amount
Item- 5 S No. Item- 6 S No. Item- 7 S No.	Erection Tem No Erection Item No Erection Item No Erection Item No Item No	Description of Item E-5 To of pull-off arrangement for OHE Description of Item E-6 To of guy rod assembly Description of Item	Conventiona Unit Each Unit Unit Unit	946.00 Qty 17.00 Qty	Total nd inside the Rate 1626.00 Total Rate 1237.00 Total Rate	987012.00 tunnel Amount 1538196.00 1538196.00 Amount 21029.00 21029.00 Amount 320350.00
Item- 5 S No. Item- 6 S No. Item- 7 S No.	Erection Tem No Erection Item No Erection Item No 7	Description of Item E-5 To of pull-off arrangement for OHE Description of Item E-6 To of guy rod assembly Description of Item	Conventiona Unit Each Unit Unit Each	946.00 Qty 17.00 Qty 215.00	Total nd inside the Rate 1626.00 Total Rate 1237.00 Total Rate 1490.00 Total	987012.00 tunnel Amount 1538196.00 1538196.00 Amount 21029.00 21029.00 Amount 320350.00 320350.00
Item- 5 S No. Item- 6 S No. Item- 7 S No.	Erection Tem No Erection Item No Erection Item No 7	Description of Item E-5 To of pull-off arrangement for OHE Description of Item E-6 To of guy rod assembly Description of Item Description of Item E-7	Conventiona Unit Each Unit Unit Each	946.00 Qty 17.00 Qty 215.00	Total nd inside the Rate 1626.00 Total Rate 1237.00 Total Rate 1490.00 Total	987012.00 tunnel Amount 1538196.00 1538196.00 Amount 21029.00 21029.00 Amount 320350.00 320350.00
Item- 5 S No. Item- 6 S No. Item- 7 S No.	Erection Item No 5 Erection Item No 6 Erection Item No 7	Description of Item E-5 Description of Item E-6 Description of Item Description of Item Description of Item E-7 Description of Item	Unit Each Unit Each Unit Each	Qty 946.00 Qty 17.00 Qty 215.00 and adjus	Total nd inside the Rate 1626.00 Total Rate 1237.00 Total Rate 1490.00 Total timent of the Rate	Amount 1538196.00 1538196.00 Amount 21029.00 21029.00 Amount 320350.00 320350.00 same

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S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	9	E-9	Each	2150.00	266.00	571900.00
					Total	571900.00
Item- 10	A-Erect	ion of Earth electrode				
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	10	E-10 A	Each	43.00	1513.00	65059.00
	i				Total	65059.00
Item- 16	1	n of 25KV single pole isolator without earth contact assemb	1			
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	16	E-16	Each	22.00	4568.00	100496.00
	1				Total	100496.00
Item- 18	Erection equipm	n of materials for termination of Single/double conductor (ir ent.	ıcluding su	ipply of cu	t-in insulator)	of overhead
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	18	E-18	Each	301.00	1435.00	431935.00
					Total	431935.00
Item- 19	Erection	of anti-creep with 9T insulator over & above as incl. in E3	4	_		
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	19	E-19	Each	86.00	3886.00	334196.00
					Total	334196.00
Item- 20	Erection	n of section insulator assembly including core and cut-in ins	sulator	_		
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	20	E-20	Each	22.00	5947.00	130834.00
	1				Total	130834.00
Item- 21	Erection	n 25KV solid core cut-in insulator	1	_	1	
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	21	E-21	Each	22.00	908.00	19976.00
	i				Total	19976.00
Item- 22	Erection	n of 25KV solid core suspension insulator	1	_	<u> </u>	
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	22	E-22	Each	22.00	1063.00	23386.00
	1				Total	23386.00
Item- 23		n of 25KV Post/Support insulator		T		
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	23	E-23	Each	22.00	849.00	18678.00
	1				Total	18678.00
Item- 24	1	n of 10 KVA Change over panel as per RDSO spec. suitable		1	<u> </u>	_
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	24	E-24	Each	12.00		37308.00
	1				Total	37308.00
Item- 31		ion & commissioning of auxiliary transformer 5 & 10 KVA ing device	cluding Do	O fuse ass	sembly, LV bo	x & anti
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount

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1	31	E-31 A	Each	9.00	6186.00	55674.00
•	101	2017		0.00	Total	55674.00
Item- 31	Erection	n & commissioning of auxiliary transformer 25 KVA including	DO fuse	assembly	, LV box & ar	ti climbing
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	31	E-31 B	Each	3.00	13338.00	40014.00
					Total	40014.00
Item- 34		n of overhead equipment, including catenary, contact, jumpous type of boards	er and dro	pper wire	s, fixing of nu	mber plates
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	34	IE-34	Per Track KM	43.00	64108.00	2756644.00
					Total	2756644.00
Item- 35	Transp indication	ortation & laying of 10X2.5/2X2.5/2X4 Sq.mm PVC insulated on	l stranded	copper c	able for contr	ol and
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	35	E-35	Metre	43.00	15.00	645.00
					Total	645.00
Item- 36	Transp	ortation & laying of 2x70 Sq.mm PVC insulated stranded alu	ıminium ca	ble from	AT to DB	
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	36	E-36	Metre	8600.00	48.00	412800.00
					Total	412800.00
Item- 38	Erection	n of 150 sqmm copper feeder wire.				
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	38	E-38	Metre	2150.00	33.00	70950.00
					Total	70950.00
Item- 41	Transfe	er of OHE from one support to another and adjustment of dr	oppers			
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	41	E-41	Numbers	258.00	4763.00	1228854.00
					Total	1228854.00
Item- 43	Disman	tling & removal of OHE complete with cantelever, droppers,	contact &	catenary	wire etc.	
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	43	E-43	Kilometre	4.00	36873.00	147492.00
					Total	147492.00
Item- 44	Disman	tling & removal of Auxiliary transformer with DO fuse		,		
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	44	E-44	Each	4.00	4112.00	16448.00
					Total	16448.00
Item- 45	Disman	tling & removal of Isolator complete				
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	45	E-45	Each	6.00	3435.00	20610.00
					Total	20610.00
Item- 46	Disman	tling & removal of Mast, portal, TTC & other small part stee			•	
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount

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1	46	E-46	мт	22.00	6937.00	152614.00
<u>- </u>	1	- 15			Total	152614.00
Item- 47	Breakin	g of concrete foundation of Masts, portals & TTC				
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	47	E-47	Each	43.00	2654.00	114122.00
					Total	114122.00
Item- 48	Disman	tling & removal of Guy rod assembly			•	
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	48	E-48	Each	22.00	1277.00	28094.00
					Total	28094.00
Item- 50	Providir	ng (Supply & erection) of Sectioning diagram board at statio	ns			
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	50	E-50	Each	4.00	10154.00	40616.00
					Total	40616.00
Item- 54		ortation of Railway supply materials from Railways depots to I from work site to Railway depot.	work site	OR Tran	sportation of	Released
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	54	E-54	MT	129.00	5020.00	647580.00
	•				Total	647580.00
Item- 55	_	nder Power Block:Any erection work as per schedule done t ktra rate.	under powe	er and /o	r Traffic block	is subject to
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	55	E-55	Lumpsum	1.00	4112729.00	4112729.00
					Total	4112729.00
Schedule	Schedu	le F-SCHEDULE - F (General)				
Item- 1	Providir	ng utility van for tower wagon crew, shifting of man and mate	erial for the	work		
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	F-1	Per Day	720.00	1642.00	1182240.00
	•				Total	1182240.00
Item- 2		ng temporary lighting & accomodation arrangment during ni Set on hiring basis comlete with fuel,oil, acessories and all		g and TW	O by portable	type 2 to 5
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	2	F-2	Per Day	48.00	9592.00	460416.00
					Total	460416.00
Item- 3	-	ation documents, SWR, App G, Display Notice boards, key b	1	& CRS.		
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	3	F=3	Per Track KM	43.00	5463.00	234909.00
	1				Total	234909.00
Item- 4	Tree Tr	imming for OHE section	-			
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	4	F-4	Per Unit	43.00	437.00	18791.00
					Total	18791.00
					Total	10731.00

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S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	5	F-5	Lumpsum	1.00	32774.00	32774.00
					Total	32774.00

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

Special Financial Criteria

S.No.	Description	Confirmation Required		Documents Uploading
1	10.2.Financial Eligibility Criteria:- The tenderer must have minimum average annual contractual turnover of V/N or 'V' whichever is less; where V= Advertised value of the tender in crores of Rupees N= Number of years prescribed for completion of work for which bids have been invited. The average annual contractual turnover shall be calculated as an average of "total contractual payments" in the previous three financial years, as per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/ audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover. The tenderers shall submit requisite information as per Annexure-VIB, 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)

Special Technical Criteria

S.No.	Description	Confirmation	Remarks	Documents
		Required	Allowed	Uploading

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sub (set (i)T value to 4 the con Eng maj con duritend 30% cost tended to 50 the con with by the con sub fulfic critic work to 4 tended 50 ling con con con the con the con sub fulfic critic work to 4 tended con the con to 50 ling con con con the con con con the control c	1 Technical Eligibility Criteria: (a)The tenderer must have successfully completed or stantially completed any one of the following categories of work(s) during last 07 ven) years, ending last day of month previous to the one in which tender is invited: hree similar works each costing not less than the amount equal to 30% of advertised use of the tender, or (ii)Two similar works each costing not less than the amount equal 40% of advertised value of the tender, or (iii)One similar work costing not less than amount equal to 60% of advertised value of the tender. (b) (1)In case of tenders for mposite works (e.g. works involving more than one distinct component, such as Civil gineering works, S&T works, Electrical works, OHE works etc. and in the case of jor bridges - substructure, superstructure etc.), tenderer must have successfully mpleted or substantially completed any one of the following categories of work(s) ing last 07 (seven) years, ending last day of month previous to the one in which der is invited: (i)Three similar works each costing not less than the amount equal to 6% of advertised value of each component of tender, or (ii)Two similar works each sting not less than the amount equal to 40% of advertised value of each component of der, or (iii)One similar work each costing not less than the amount equal to 60% of rertised value of each component of tender. Note for b(1): Separate completed works minimum required values shall also be considered for fulfillment of technical eligibility erial for different components. (b)(2)In such cases, what constitutes a component in a mposite work shall be clearly pre-defined with estimated tender cost of it, as part of tender documents without any ambiguity. (b) (3) To evaluate the technical eligibility enderer, only components of work as stipulated in tender documents for evaluation of hinical eligibility, shall be considered. The scope of work covered in other remaining pronents shall be either executed by tenderer himself if he has work experience as nitioned in cl	No	No	Allowed (Mandatory)

Submission of Document Verification Certificate

5	S.No.	•	Confirmation Required		Documents Uploading
1		Please submit a certificate in the prescribed format (please download the format from the link given below) for verification / confirmation of the documents submitted for compliance of eligibility / qualifying criteria. 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 Certificatio)	No	N∩	Allowed (Mandatory)

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	Remarks	Documents
		Required	Allowed	Uploading

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1	2.15.00 CARE IN SUBMISSION OF TENDER: (As per Railway Board's letter No 2017/CE-I/CT/4/GST dated 23.06.2017) i.Before submitting a tender, the tender will be deemed to have satisfied himself by actual inspection of the site and locality of the works, that all conditions liable to be encountered during the execution of the works are taken into account and that the rates he enters in the tender forms are adequate and all inclusive to accord with the provisions in clause - 37 of the Standard General conditions of contract for the completion of works to the entire satisfaction of the Engineer. ii.Tenders will examine the various provisions of the Central Goods and service Tax Act, 2017 (CGST) / Integrated Goods and Service Tax Act, 2017(IGST) / Union Territory Goods and Service Tax Act, 2017(UTGST) / respective state's State Goods and Service Tax Act (SGST) also, as notified by Central / State Govt. & as amended from time to time and applicable taxes before bidding. Tenderers will ensure that full benefit of Input Tax credit (ITC) likely to be availed by them is duly considered while quoting rates. iii.The successful tenderer who is liable to be registered under CGST/IGST/UTGST/SGST Act shall submit GSTIN along with other details required under CGST/IGST/UTGST/SGST Act to railway immediately after the award of contract, without which no payment shall be released to the contractor. The contractor shall be responsible for deposition of applicable GST to the concerned authority. iv.In case the successful tenderer is not liable to be registered under CGST/IGST/UTGST/SGST Act, the railway shall deduct the applicable GST from his/their bills under reverse charge mechanism (RCM) and deposit the same to the concerned authority.	No	No	Allowed (Mandatory)
2	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)

General Instructions

S.No.	Description	Confirmation	Remarks	Documents
		Required	Allowed	Uploading

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1	1.02INSTRUCTIONS TO THE TENDERER(S) 1. The E- Tenders document shall consist of:- a)Annexed Documents to the Tender Documents which includes (i)Top Sheet (Chapter-1), (ii) Instructions to the Tender(s), (iii) Eligibility Criteria (iv) General Condition of Contract, (v) Special Contract, (vi) Addl. Special Conditions of Contract i.e. Technical Conditions, (vii) Guidelines for participation of JV Firms, MOU for JV Participation & JV Agreement, (viii) Contractor's Familiarization (ix) Annexures and b)Indian Railways Standard General Conditions of Contract 2014 with correction slips up to the date of closing of tender 2.Before submitting the offer, please read carefully complete E-tender document including instructions to Tenderers, Indian Railways Standard General Conditions of Contract-2014, General Conditions of Contract, Special Conditions of Contract, Additional Special Conditions of Contract, Special Conditions of Contract, Additional Special Conditions of Contract, E- Technical Conditions etc. as available on the web site www.ireps.gov.in. Please do not leave any lapses which may lead to declaration of your offer as INVALID. 3. Your digital signature on the E-Tender from will be considered as your confirmation that you have read and accepted all the conditions laid down in the documents as well as schedule of tender consisting of technical bid form (including special conditions attached to E-Tender) and Financial offer form, unless specific deviation is quoted in the technical bid. 4.Payment of EMD& TDC:- Payment of Earnest Money Deposit (EMD) & tender document cost (TDC) in respect of e-tendering should be accepted through Net banking or payment gateway only. Note- Fixed Deposite Receipt (FDR) will not be accepted as EMD for Tenders invited on IREPS (E-tender portal) (Ref- Railway board letter no 2015/CE-I/CT/5/1 Dated 31-8-2016.) 5. The cost of tender document shall not be clubbed with the Earnest Money Deposit. a.The E-bid submitted without requisite cost of tender document in appropriate form is to be su	No	No	Not Allowed

Technical-Compliances

S.No.	•	Confirmation Required		Documents Uploading
1	Similar Nature of Work means-: "Execution of any 1500 V DC or 25 KV AC OHE work"	No	Nο	Allowed (Mandatory)

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2	Electrical Contractor License: For participating in tenders for a work in any state the Contractors shall have to possess electrical license of appropriate voltage issued by any State Govt. under Clause 45 of compilation of rule of Indian Electricity Rules 1956 or as amended from time to time and a copy of the same should be submitted along with the offer. They shall keep valid license throughout the period of execution of work by getting it renewed at suitable intervals and submit an attested copy of the same to the Railways after each renewal. In the event of any discontinuity in validity of electrical license of the contractor, its authority to work with Railways will also automatically cease to be valid. i)The Tenderer should have valid license in the name of proprietor/partner/firm. Tenderer should enclose attested copy of valid Electrical Contractor License with tender. ii)In case, the license is under renewal, copy of challan (receipt of renewal fee) to be submitted alongwith the tender and attested copy of the valid electrical contractor license to be submitted within one month from the date of opening of tender. Otherwise the tender will not be considered. iii)If the attested copy of valid electrical contractor license or license under renewal with challan (receipt of renewal fee) is not enclosed with tender the tender will not be considered.	No	No	Allowed (Mandatory)
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6. Documents attached with tender

S.No.	Document Name	Document Description
1	iiiR- IrepsuploadTRDTendDoc18RPhaseIIIOHE- 310323reviewed.pdf	Tender documents

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: AJIT KUMAR ALOK

Designation: Dy.CEE-C-ADI

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