

NAME OF BIDDER								
SUBSTATION EQUIPMENTS / MATERIALS								
Sl. No.	DESCRIPTION OF ITEMS SUPPLY OF FOLLOWING EQUIPMENTS/MATERIALS (As per Technical Specification)	Unit	Quantity for : 132kv, 630 mm <sup>2</sup> XLPE copper cable from location No 62 to RTSS Gantry of 132kv SC line from Grid S/s, Chandikhole to proposed RTSS at Dhanmandal" including associated civil works.	IN INR				
				BASIC PRICE PER UNIT (Taxable Value) In Rs	CGST @ 9% PER UNIT (INTRA-STATE)	OGST @ 9% PER UNIT (INTRA-STATE)	TOTAL PRICE PER UNIT ( In Rs)	TOTAL PRICE FOR THE TENDER QUANTITY
1	2	3	4	5	6=(5*9%)	7=(5*9%)	8=(5+6+7)	9=5*8
1	132 KV XLPE under ground(UG) 630 Sqmm single core plain annealed high conductivity copper Cable with metallic corrugated Aluminium sheath, anticorrossion layer with outer sheath PE type ST-7 and having semiconductive water proof cushoin layer as per IEC 60502/2 & IEC-60840 and Technical specification.	KM	2.316		0.00	0.00	0.00	0.00
2	Supply of Straight through jointing kits Heat shrinkable type suitable for 132 kV, 1 Core, 630 mm <sup>2</sup> , copper UG Cable	NOS	3		0.00	0.00	0.00	0.00
3	Supply of Outdoor terminating kit Heat shrinkablre type suitable for 132 kV class, 1Core, 630 mm <sup>2</sup> , copper UG Cable connection of 240sqmm bonding cable	NOS	6		0.00	0.00	0.00	0.00
4	Single phase link Box with SVL of 3.3 KV with clamps and connectors with acessories	NOS	3		0.00	0.00	0.00	0.00
5	Single phase link Box without SVL with clamps and connectors with acessories	NOS	3		0.00	0.00	0.00	0.00
6	Supply of Single core, 240 sqmm XLPE bonding cable	Mtr.	60		0.00	0.00	0.00	0.00
<b>7</b>	<b>Cast Aluminium Alloy Cable Clamp suitable for 1C x 630 Sqmm , XLPE Cable</b>				0.00	0.00	0.00	0.00
7.1	Cast Aluminium Alloy Single Cable Clamp	NOS	30		0.00	0.00	0.00	0.00
7.2	Cast Aluminium Alloy Trefoil Cable Clamp	NOS	650		0.00	0.00	0.00	0.00
8	Warning Tape(250mm width)	Mtr.	750		0.00	0.00	0.00	0.00
9	Concrete Route Marker	NOS	50		0.00	0.00	0.00	0.00
10	120 KV METAL OXIDE SURGE ARRESTOR, 10 KA, Class III for mounting on the tower end with composite insulators	NOS	3		0.00	0.00	0.00	0.00
11	<b>Earthing Systems</b>				0.00	0.00	0.00	0.00

11.1	EARTHING CONDUCTOR: 50X6 mm <b>GI Flat</b> for Raiser	MT	0.50		0.00	0.00	0.00	0.00
11.2	EARTHING CONDUCTOR FOR BURRIAL : 75X10 mm GI Earth Flat for laying earth mat	MT	0.54		0.00	0.00	0.00	0.00
11.3	EARTHING DEVICE & ASSOCIATED ACCESSORIES (50 mm heavy duty GI PERFORATED PIPE 3 mtrs long for treated earth pit)	NOS	16		0.00	0.00	0.00	0.00
11.4	EARTHING DEVICE & ASSOCIATED ACCESSORIES 40mm MS rod 3 mtrs long for non treated earth pit)	NOS	8		0.00	0.00	0.00	0.00
<b>12</b>	<b>COLUMN, BEAM, EQUIPMENT STRUCTURES (LATTICE TYPE) FOR 132 KV CLASS</b>				0.00	0.00	0.00	0.00
12.1	T1S - 132 KV(NOMINAL UNIT WT- 1.2 MT) = 02 Nos	MT	2.4		0.00	0.00	0.00	0.00
12.2	G1 - 132 KV(NOMINAL UNIT WT- 0.62 MT) = 01 Nos	MT	0.62		0.00	0.00	0.00	0.00
12.3	Surge Arrester-132 kV (Unit Weight - 360 Kg) = 03 Nos	MT	1.080		0.00	0.00	0.00	0.00
12.4	Cable Termination Kit-132 KV (Unit Weight - 400 Kg) = 06 Nos	MT	2.400		0.00	0.00	0.00	0.00
12.5	Weight of different type G.I Nuts and Bolts for above Columns, Beams & Equipment Structures	MT	0.384		0.00	0.00	0.00	0.00
	<b>PART-A, SUPPLY COMPONENT OF THE WORKS CONTRACT FOR TRANSMISSION LINE</b>				-	-	-	-

PACKAGE -CPC-04/2022-23 132kv, 630 mm <sup>2</sup> XLPE copper cable from location No 62 to RTSS Gantry of 132kv SC line from Grid S/s, Chandikhole to proposed RTSS at Dhanmandal” including associated civil works.(ERECTION)			ODISHA POWER TRANSMISSION CORPORATION LIMITED					
			NAME OF THE WORK:- “Engineering, supply, laying, testing and commissioning of 132kv, 630 mm <sup>2</sup> XLPE copper cable from location No 62 to RTSS Gantry of 132kv SC line from Grid S/s, Chandikhole to proposed RTSS at Dhanmandal” including associated civil works.					
			NOTICE INVITING TENDER-NIT NO. -CPC-04/2022-23 & BID DOCUMENT No.:Sr.G.M-CPC-e-tender-132kv U/G cable-RTSS Dhanmandal-04/2022-23					
			PRICE BID FOR WORKS CONTRACT (SAC CODE - 995423): SCHEDULE - VII-C - PART -II CIVIL WORKS COMPONENT OF THE WORKS CONTRACT-( PACKAGE- 04/2022-23)					
NAME OF BIDDER								
Sl. No.	DESCRIPTION OF ITEMS ERECTION OF FOLLOWING EQUIPMENTS/MATERIALS (As per Technical Specification)	Unit	Quantity for : 132kv, 630 mm <sup>2</sup> XLPE copper cable from location No 62 to RTSS Gantry of 132kv SC line from Grid S/s, Chandikhole to proposed RTSS at Dhanmandal” including	IN INR				
				BASIC PRICE PER UNIT (Taxable Value) In Rs	CGST @ 9% PER UNIT (INTRA-STATE)	OGST @ 9% PER UNIT (INTRA-STATE)	TOTAL PRICE PER UNIT ( In Rs)	TOTAL PRICE FOR THE TENDER QUANTITY
1	2	3	4	5	6=(5*9%)	7=(5*9%)	8=(5+6+7)	9=5*8
1	Laying , Comissioning & Testing of 132 kV, 1 Core,3-Runs, 630 mm <sup>2</sup> Copper, XLPE insulation UG Cable by open trench method in trefoil formation inside precast RCC trench as per approved drawing, Technical Specification and instructions of Engineer-In-Charge.	KM-RUN	0.772		0.00	0.00	0.00	0.00
2	Straight through jointing kits Heat shrinkable type suitable for 132 kV, 1Core, 630 mm <sup>2</sup> , copper UG Cable	NOS	3		0.00	0.00	0.00	0.00
3	Outdoor terminating kit Heat shrinkable type suitable for 132 kV class, 1Core, 630 mm <sup>2</sup> , copper UG Cable connection of 240sqmm bonding cable	NOS	6		0.00	0.00	0.00	0.00
4	Single phase link Box with SVL of 3.3 KV with clamps and connectors with accessories	NOS	3		0.00	0.00	0.00	0.00
5	Single phase link Box without SVL with clamps and connectors with accessories	NOS	3		0.00	0.00	0.00	0.00
6	Erection, Comissioning & Testing of Single core, 240 sqmm XLPE bonding cable	Mtr	60		0.00	0.00	0.00	0.00
7	Cast Aluminium Alloy Cable Clamp suitable for 1C x 630 Sqmm , XLPE Cable							
7.1	Cast Aluminium Alloy Single Cable Clamp	NOS	30		0.00	0.00	0.00	0.00
7.2	Cast Aluminium Alloy Trefoil Cable Clamp	NOS	650		0.00	0.00	0.00	0.00
8	Supply of warning Tape(250mm width)	Mtr.	750		0.00	0.00	0.00	0.00
9	Concrete Route Marker	NOS	50		0.00	0.00	0.00	0.00
10	120 KV METAL OXIDE SURGE ARRESTOR, 10 KA, Class III for mounting on the tower end with composite insulators	NOS	3		0.00	0.00	0.00	0.00
11	<b>Earthing Systems</b>							
11.1	EARTHING CONDUCTOR: 50X6 mm GI Flat for Raiser	MT	0.50		0.00	0.00	0.00	0.00
11.2	EARTHING CONDUCTOR FOR BURRIAL : 75X10 mm GI Earth Flat for laying earth mat	MT	0.54		0.00	0.00	0.00	0.00
11.3	EARTHING DEVICE & ASSOCIATED ACCESSORIES (50 mm heavy duty GI PERFORATED PIPE 3 mtrs long for treated earth pit)	NOS	16		0.00	0.00	0.00	0.00
11.4	EARTHING DEVICE & ASSOCIATED ACCESSORIES 40mm MS rod 3 mtrs long for non treated earth pit)	NOS	8		0.00	0.00	0.00	0.00
12	<b>COLUMN, BEAM, EQUIPMENT STRUCTURES (LATTICE TYPE) FOR 132 KV CLASS</b>							
12.1	T1S - 132 KV(NOMINAL UNIT WT- 1.2 MT) = 02 Nos	MT	2.400		0.00	0.00	0.00	0.00
12.2	G1 - 132 KV(NOMINAL UNIT WT- 0.62 MT) = 01 Nos	MT	0.620		0.00	0.00	0.00	0.00

12.3	Surge Arrester-132 kV (Unit Weight - 360 Kg) = 03 Nos	MT	1.080		0.00	0.00	0.00	0.00
12.4	Cable Termination Kit-132 KV (Unit Weight - 400 Kg) = 06 Nos	MT	2.400		0.00	0.00	0.00	0.00
12.5	Weight of different type G.I Nuts and Bolts for above Columns, Beams & Equipment Structures	MT	0.384		0.00	0.00	0.00	0.00
<b>PART-B, ERECTION COMPONENT OF THE WORKS CONTRACT FOR TRANSMISSION LINE</b>					-	-	-	-

**NOTE:**

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- 4 Works contract shall be Intra-state Supply and Erection i.e. from Inside Odisha, % GST are %CGST+%OGST

<b>PACKAGE -CPC-04/2022-23</b> <b>132kv, 630 mm<sup>2</sup> XLPE copper cable from location No 62 to RTSS Gantry of 132kv SC line from Grid S/s, Chandikhole to proposed RTSS at Dhanmandal” including associated civil works.(CIVIL WORK)</b>		<b>ODISHA POWER TRANSMISSION CORPORATION LIMITED</b>						
		NAME OF THE WORK:- “Engineering, supply, laying, testing and commissioning of 132kv, 630 mm <sup>2</sup> XLPE copper cable from location No 62 to RTSS Gantry of 132kv SC line from Grid S/s, Chandikhole to proposed RTSS at Dhanmandal” including associated civil works.						
		NOTICE INVITING TENDER-NIT NO. -CPC-04/2022-23 & BID DOCUMENT No.:Sr.G.M-CPC-e-tender-132kv U/G cable- RTSS Dhanmandal-04/2022-23						
		PRICE BID FOR WORKS CONTRACT (SAC CODE - 995423); SCHEDULE - VII-C - PART -II CIVIL WORKS COMPONENT OF THE WORKS CONTRACT-( PACKAGE- 04/2022-23)						
NAME OF BIDDER								
Sl. No.	DESCRIPTION OF ITEMS  CIVIL WORKS (As per Technical Specification)	Unit	Quantity for : 132kv, 630 mm <sup>2</sup> XLPE copper cable from location No 62 to RTSS Gantry of 132kv SC line from Grid S/s, Chandikhole to proposed RTSS at Dhanmandal”	IN INR				
				BASIC PRICE PER UNIT (Taxable Value) In Rs	CGST @ 9% PER UNIT (INTRA-STATE)	OGST @ 9% PER UNIT (INTRA-STATE)	TOTAL PRICE PER UNIT ( In Rs)	TOTAL PRICE FOR THE TENDER QUANTITY
1	2	3	4	5	6=(5*9%)	7=(5*9%)	8=(5+6+7)	9=4*8
1	Excavation in following type of soil and rocks and back filling including supply of all T&P, labour as required for foundation of Towers, Cable Trenches, Equipments							
1.1	Soft/Loose soil	CUM	34.415		0.00	0.00	0.00	0.00
1.2	Dense/Compact soil	CUM	68.831		0.00	0.00	0.00	0.00
1.3	Soft/Disintegrated rock	CUM	688.309		0.00	0.00	0.00	0.00
1.4	Hard Rock	CUM	2649.99		0.00	0.00	0.00	0.00
2	FOUNDATION MATERIALS: Supply of all materials like cement, steel, all coarse aggregates, fine aggregates and making foundations of the required above mentioned type towers, Cable Trenches, Equipments as per the direction laid down in the technical specification and the direction of the Engineer in charge							
2.1	PCC(Lean Concrete) in the ratio 1:3:6(Grade M-10)(With all materials) for preparing mud mat for cable trenches, tower foundations, column foundations etc.	CUM	119.802		0.00	0.00	0.00	0.00
2.2	RCC in the ratio 1:1.5:3 (Grade M-20) with all material without Steel for construction of Cable Trench and Cover Slabs, Column foundations, Tower foundations	CUM	618.144		0.00	0.00	0.00	0.00
2.3	Steel of different size (as per design ) with cutting,bending ,binding in position of M.S.Rod for reinforcement of foundation concrete of towers, Cable trenches, columns etc. including supply of binding wire (With supply of steel rod)	MT	55.142		0.00	0.00	0.00	0.00
3	Dewatering with supply of all T&P, Fuel, Lubricant, electricity on HP Hr basis	HP Hr	1200		0.00	0.00	0.00	0.00

4	Disposal of surplus excavated earth (after backfilling ) at site	Per CUM/ Mtr	312500		0.00	0.00	0.00	0.00
5	<b>Fencing:</b> Providing and fixing of G.I Goat mesh (2.5 mm dia) fencing( the posts and links shall be of HD Galvanized ) with total fence height complete as per specification and approved drawings, and as required under the safety regulation of local, state and central government bodies and as per instruction of the Engineer-in-Charge.(The PCC work for grouting the post shall be 1:2:4 and a continuous Brick masonry work with ratio 1:5 and cement pointing of the joints, for the fencing up to a height from the finished ground level) .This also includes excavation in all types of soil or rocks, back filling,and disposal of excess earth as per the direction of Engineer In charge. The earthing of the fencing shall be as per specification.	MTR-RUN	66		0.00	0.00	0.00	0.00
6	<b>Wicket Gate:</b> A wicket gate for maintenance personnel near Cable Termination area as per approved drawing and instruction of Engineer-in-charge.	NOS	1		0.00	0.00	0.00	0.00
7	Supply and spreading of loose fine river sand in Cable trench with supply of all labour and T&P.	CUM	1538.325		0.00	0.00	0.00	0.00
8	<b>PCC before site surfacing :</b> Providing and supplying all labour, material, equipments etc. required for proper leveling of earth after erection of structures and equipments and proper compaction by using roller of adequate capacity(minimum 3 Ton capacity) with water sprinkling of switch yard area. After proper leveling of the switch yard area (after anti-weed treatment), spreading of plain cement concrete with mixing ratio 1:4:8 (M10) and maintaining proper sloping for easy discharge of storm water having concrete thickness of 75 mm. including rolling , dressing, compacting,the area. As per technical specification and approved drawing, and as per the instruction of the Engg-in-Charge.	CUM	20.25		0.00	0.00	0.00	0.00
9	<b>Metal Spreading:</b> Providing supplying and laying two layers of machine crushed metals (gravel) fill, the first layer after compaction shall make minimum 50 mm thickness coarse/ layer of 20 mm nominal size consolidated/ compacted and (by using roller as specified in the specification).A final layer of 50 mm thickness of machine crushed 20 mm nominal size of metals(gravel) above the first layer of 50 mm thickness and as per the technical specification and instruction of Engineer in charge above the PCC(1:4:8). The total compacted thickness of the metals(20 mm Nominal) 100mm above the PCC.	CUM	13.5		0.00	0.00	0.00	0.00
<b>PART-C,CIVIL COMPONENT OF THE WORKS CONTRACT FOR TRANSMISSION LINE</b>				-	-	-	-	-

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- 4 Works contract shall be Intra-state Supply and Erection i.e. from Inside Odisha, % GST are %CGST+%OGST

<b>PACKAGE -CPC-04/2022-23</b>		<b>ODISHA POWER TRANSMISSION CORPORATION LIMITED</b>
<b>132kv, 630 mm<sup>2</sup> XLPE copper cable from location No 62 to RTSS Gantry of 132kv SC line from Grid S/s, Chandikhole to proposed RTSS at Dhanmandal” including associated civil works.(SUMMARY)</b>		NAME OF THE WORK:- “Engineering, supply, laying, testing and commissioning of 132kv, 630 mm <sup>2</sup> XLPE copper cable from location No 62 to RTSS Gantry of 132kv SC line from Grid S/s, Chandikhole to proposed RTSS at Dhanmandal” including associated civil works. NOTICE INVITING TENDER-NIT NO. -CPC-04/2022-23 & BID DOCUMENT No.:Sr.G.M-CPC-e-tender-132kv U/G cable-RTSS Dhanmandal-04/2022-23
		SCHEDULE-VIII(SUMMARY OF PRICE SCHEDULES)
Sl. No.	NAME OF THE BIDDER DESCRIPTION OF SCHEDULES	PRICE IN INR
SL NO.	NAME OF THE SCHEDULE	
<b>1</b>	<b>PART -I SUPPLY COMPONENT OF THE WORKS CONTRACT</b>	
1.1	<b>Schedule VIIA SUB-STATION</b>	
1.1.1	Total Basic Price (Taxable value) exclusive of GST and any other taxes & duties for Schedule VIIA Substation Supply of Equipment/materials in INR	
1.1.2	Total of GST and any other Taxes and Duties for Schedule VIIA Substation Supply of Equipment/materials in INR	
	<b>TOTAL of Supply Component- Schedule VIIA SUB-STATION (Equipment/materials ).</b>	
1.2	<b>Schedule VIIA TRANSMISSION LINE (UG CABLE)</b>	
1.2.1	Total Basic Price (Taxable value) exclusive of GST and any other taxes & duties for Schedule VIIA Transmission line Supply of Equipment/materials in INR	-
1.2.2	Total of GST and any other Taxes and Duties for Schedule VIIA Transmission line Supply of Equipment/materials in INR	-
	<b>TOTAL of Supply Component Schedule VIIA TRANSMISSION LINE (Equipment/materials).</b>	-
1.3	<b>Schedule VIIA MANDATORY SPARES</b>	
1.3.1	Total Basic Price (Taxable value) exclusive of GST and any other taxes & duties for Schedule VIIA Mandatory Spares Supply of Equipment/materials in INR	
1.3.2	Total of GST and any other Taxes and Duties for Schedule VIIA Mandatory Supply of Equipment/materials in INR	
	<b>TOTAL of Supply Component Schedule VIIA MANDATORY SPARES(Equipment/materials).</b>	
1.3	<b>TOTAL of Supply Component- Schedule VIIA (SS+LINE+MANDATORY SPARES) (Equipment/materials ).</b>	-
<b>2.0</b>	<b>PART -II ERECTION COMPONENT OF THE WORKS CONTRACT</b>	
2.1	<b>Schedule VIIB Sub-station Erection</b>	
2.1.1	Total Basic Price (Taxable value) exclusive of GST and any other taxes and Duties for Schedule VIIB Sub-station Erection (Electrical Works) Equipment/materials in INR	
2.1.2	Total of GST and any other Taxes and Duties for Schedule VIIB Substation Erection (Electrical Works) Equipment/materials in INR	
	<b>TOTAL of Schedule VIIB Substation Erection Charges</b>	
2.2	<b>Schedule VIIB Line Erection (ELECTRICAL WORKS )</b>	
2.2.1	Total Basic Price (Taxable value) exclusive of GST and any other taxes and Duties for Schedule VIIB Transmission line Erection (Electrical Works) Equipment/materials in INR	-
2.2.2	Total of GST and any other Taxes and Duties for Schedule VIIB Transmission line (Electrical Works) Equipment/materials in INR	-
	<b>TOTAL of Schedule VIIB Line Erection Charges</b>	-
2.3	<b>TOTAL of Erection Component- Schedule VIIB (SS+LINE) (Equipment/materials ).</b>	-
<b>3.0</b>	<b>PART -III CIVIL WORK COMPONENT OF THE WORKS CONTRACT</b>	
3.1	<b>Schedule VIIC Sub-station Civil Works</b>	
3.1.1	Total Basic Price (Taxable value) exclusive of GST for CIVIL WORKS in Schedule VIIC Sub-Station Equipment/materials in INR	
3.1.2	Total of GST and anyother Taxes and Duties for CIVIL WORKS in Schedule VIIC Sub-Station Equipment/materials in INR	
	<b>Total of CIVIL WORKS for Schedule VIIC Sub-Station</b>	
3.2	<b>Schedule VIIC Line Civil Works</b>	
3.2.1	Total Basic Price (Taxable value) exclusive of GST for CIVIL WORKS in Schedule VIIC Transmission line Equipment/materials in INR	-
3.2.2	Total of GST and anyother Taxes and Duties for CIVIL WORKS in Schedule VIIC Transmission line Equipment/materials in INR	-
	<b>Total of CIVIL WORKS for Schedule VIIC Line</b>	-
3.3	<b>TOTAL of Schedule VIIC CIVIL WORKS</b>	-
<b>4.0</b>	<b>TOTAL WORKS CONTRACT PRICE IN INR</b>	-
<b>5.0</b>	<b>TOTAL DISCOUNT OFFERED ON WORKS CONTRACT IN INR</b>	
<b>6.0</b>	<b>TOTAL WORKS CONTRACT PRICE AFTER DISCOUNT IN INR</b>	-