				ODISHA PO	OWER TRANSMISSIC	ON CORPO		
PACKAGE-CPC-03/2023-24- 132kV DC LINE -BALIANTA_GANGUA CAN (SUPPLY)		NOTICE INVITING TENDER-NIT NOCPC-03 / 2023-24 & BID DOCUMENT						
			03/2023-24					
			PRICE BID FOR WORK		DE - 995423): SCHEDU	JLE - VII-A		
	NAME OF THE BIDDER							
	SUPPLY OF TRANSMISSION LINE EQUIPMENTS / MATERIALS				G	ST		
SI. No.	DESCRIPTION OF ITEMS(SCHEDULE-VIIA- TRANSMISSION LINE) SUPPLY OF FOLLOWING EQUIPMENT & MATERIALS (As per Technical Specification)	UNIT OF MEASURE MENT	Tender Qnty.: Construction of 132 KV DC line on 220kV lattice type tower using ACSR zebra conductor from proposed 220 KV GIS , Balianta up to Gangua Canal for connectivity of GIS at Mancheswar and proposed GIS at Satyanagar .	BASIC PRICE PER UNIT (Taxable Value) In Rs	CGST @ 9% PER UNIT (INTRA-STATE)	OGST @ UN (INTRA-		
				BASIC PRICE PER UNIT (Taxable Value)	CGST @ 9% PER UNIT	OGST @ UN		
1	2	3	4	5	6= {5*9%}	7= {5		
1.0	SUPPLY of Following tested Lattice type Galvanized steel tangent / Angle tower with stubs and cleats, different type of G.I HT Nuts & Bolts, washer, spring washer for the above type towers ,hanger and all accessories, tower super structure complete with tightening, punching of bolts including step bolts. All other left out portion of the bolts above bottom cross arm shall be riveted by using suitable hammer. Painting of black bituminous paints three coats shall be provided up to a height of 500mm above the cooping (legs & bracing members). All Erection should confirm to the Technical Specification laid there in the Tender Specification.							
1.1	OA TYPE (SUSPENSION) TOWERS	Nos.	5					
1.1.1	+6 EXTENSION (NOMINAL UNIT WEIGHT 1.448 MT)	Nos.	1					
1.2	OB TYPE (30 deg ANGLE ) TOWERS	Nos.	1					
1.2.1	+6 EXTENSION (NOMINAL UNIT WEIGHT 2.132 MT)	Nos.	1					
1.3	OC TYPE (60 deg ANGLE ) TOWERS	Nos.	5					
1.3.1	+6 EXTENSION (NOMINAL UNIT WEIGHT 2.689MT)	Nos.	3					
1.4	Cable Termination type tower WEIGHT OF THE STRUCTURES	nos. MT	1 99.32		₹0.00	₹0		
1.5	Weight of different type G.I Nuts and Bolts WITH PLAIN & SPRING WASHERS	MT	5		₹ 0.00 ₹ 0.00	₹0 ₹0		
	SUPPLY of the following tower accessories as per technical specification		5		C 0.00	<b>X</b> U		
2.0	and as directed by the engineer in charge.							
2.1	EARTHING DEVICE	Nos.	19		₹ 0.00	₹0		
2.2	DANGER BOARD	Nos.	12		₹ 0.00	₹0		

## ORATION LIMITED

ower using ACSR zebra conductor from proposed 220/ 132/33 oposed GIS at Satyanagar having approx. Line Length-3.0 Km .: SGM- CPC- e-TENDER- 132KV DC LINE –BALIANTA -A - PART -III SUPPLY SCHEDULE COMPONENT OF THE @ 9% PER TOTAL PRICE FOR TOTAL PRICE JNIT THE TENDER PER UNIT (In Rs) A-STATE) QUANTITY @ 9% PER Total F&I TOTAL TOTAL PRICE FOR JNIT PRICE PER UNIT ( THE TENDER 9= {8\*4} 8= {5+6+7} **{5\*9%}** ₹ 0.00 ₹ 0.00 0.00 0.00 ₹ 0.00 ₹ 0.00 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00 ₹ 0.00

2.4 F 2.5 A 2.6 C 3.0 x 3.1 A	NUMBER PLATE PHASE PLATE	Nos. Nos.	12	₹0	.00 ₹ 0.00	₹ 0.00	
2.5 / 2.6 ( 3.0 x 3.1 /		INUS	72	₹0	.00 ₹ 0.00	₹ 0.00	₹ 0.00 ₹ 0.00
2.6 ( 3.0 x 3.1 A	ANTICLIMBING DEVICE	Nos.	12	₹0		₹ 0.00	₹ 0.00
<b>3.0 x</b> 3.1 A	CIRCUIT PLATE	Nos.	24	₹0		₹ 0.00	₹ 0.00
	SUPPLY of following POWER CONDUCTORS in the proposed 220KV lines with provision for sag and wastage as per the technical specification and as per the instruction of the engineer in charge.						
	ACSR Zebra (54/7/3.18mm)	Kms.	19	₹0	.00 ₹ 0.00	₹ 0.00	₹ 0.00
	POWER CONDUCTOR ACESSORIES						
4.1 F	For ACSR ZEBRA						
4.1.1	VIBRATION DAMPER	Nos.	132	₹0	.00 ₹ 0.00	₹ 0.00	₹ 0.00
4.1.2 M	MID SPAN JOINT	Nos.	4	₹0	.00 ₹ 0.00	₹ 0.00	₹ 0.00
4.1.3 F	Repair Sleeve	Nos.	5	₹0	.00 ₹ 0.00	₹ 0.00	₹ 0.00
4.1.4 F	Performed Armoured Rod	Set	30	₹0	.00 ₹ 0.00	₹ 0.00	₹ 0.00
5.0	SUPPLY of the following type of Long Rod insulators as per the technical specification						
5.1 2	220KV,160KN Porcelain Long rod Insulators string	Nos.	190	₹0	.00 ₹ 0.00	₹ 0.00	₹ 0.00
	220KV ,120 KN Porcelain Long rod insiulator string	Nos.	96	₹0	.00 ₹ 0.00	₹ 0.00	₹ 0.00
60	SUPPLY of the following hard ware fittings suitable for following conductors as per the technical specification.						
6.1 F	For ACSR ZEBRA						
6.1.1	Single suspension Hard wares fittings.(AGS type) suitable for 120 KN insulator.	Set	33	₹0	.00 ₹ 0.00	₹ 0.00	₹ 0.00
6.1.2	Double suspension Hard wares fittings.(AGS type) suitable for 120 KN insulator.	Set	6	₹0	.00 ₹ 0.00	₹ 0.00	₹ 0.00
6.1.3	Single tension Hard wares fittings, suitable for 160 KN insulator.	Set	80	₹0	.00 ₹ 0.00	₹ 0.00	₹ 0.00
6.1.4	Double tension Hard wares fittings, suitable for 160 KN insulator.	Set	7	₹0	.00 ₹ 0.00	₹ 0.00	₹ 0.00
7.0	Accessories for OPGW system as per technical specification						
	48 Fibre(DWSM)OPGW fibre Optic Cable OPGW	Kms.	3	₹0	.00 ₹ 0.00	₹ 0.00	₹ 0.00
H	Hardware set like suspension Asembly, Tensin Assembly(Dead end assembly,						
	Pass through assembly) ,Vibration Damper,Down Lead Clamp Assemblies for 24/48 Fibre(DWSM) OPGW,	Kms.	3	₹0	.00 ₹ 0.00	₹ 0.00	₹ 0.00
7.3 \$	Supply of Joint Box(48 Fibre)	Nos.	2	₹0	.00 ₹ 0.00	₹ 0.00	₹ 0.00
	TOTAL OF PRICE FOR SUPPLY COMPONENT OF THE WORKS CONTRACTEQUIPEMENTS / MATERIALS_SCHEDULE VIIA)						₹ 0.00

Note:

1 Before filling up rate/amount etc. in the schedules bidders are requested to read carefully the instruction given in Vol-I of Bidding Document.

2 Bidders are required to fill up amount in all column except shaded portion.

<sup>3</sup> Bidders are requested to not leave any column blank. If any column is left blank it shall be considered that amount against those items are included in any other item and the total amount for that item shall be calculated as free of cost (Zero value).

4 Basic Price (taxable value) for supply includes Packing & Forwarding, freight & insurance etc. excluding GST with full Input Tax Credit)

PACKAGE/CPC-43/23/23-24 H32AV DC LINE - BALARTA CANCIDACINAL         Billing up to degrad condition of the Machine and proposed Grif at Assignment place groups. Line Line 3: 100 Million of the Machine and Proposed Brit at Assignment place groups. Million of the Machine and Proposed Brit at Assignment place groups. Million of the Machine and Proposed Brit at Assignment place groups. Million of the Machine and Proposed Brit at Assignment place groups. Million of the Machine and Proposed Brit at Assignment place groups. Million of the Machine and Proposed Brit at Assignment place groups. Million of the Machine and Proposed Brit at Assignment place groups. Million of the Machine and Proposed Brit at Assignment Place Brit and Proposed Brit at Assignment Place					ODISH	A POWER TRANSMIS	SSION CORPORATION	LIMITED			
EXCLUSION Control (Control (Cont) (Control (Control (Control (Control (Control (Control (Control				NAME OF THE WORK:- Construction of 132 KV DC line on 220kV lattice type tower using ACSR zebra conductor from proposed 220/ 132/33 KV GIS Balianta up to Cangua Canal for connectivity of GIS at Mancheswar and proposed GIS at Satyanagar having approx. Line Length-3.0 Km on "TURNKEY construct or to construct the second							
NAME OF THE BEDGE         VIOLES CONTRACT, MARCHARGA0203-20           EXECTION, NATURAL CENTRESIDANCE ACCOMMINISHING ALLOW         SECTION, NATURAL STOCK CENTRESIDANCE ACCOMMINISHING ALLOW         SECTION, NATURAL STOCK CENTRESIDANCE ACCOMMINISHING ALLOW         SECTION, NATURAL STOCK CENTRESIDANCE ACCOMMINISHING ALLOW AL	PA		NAL	CONTRACT BASIS" NOTICE INVITING TENDER-NIT NOCPC-03 / 2023-24 & BID DOCUMENT No.: SGM- CPC- e-TENDER- 132KV DC LINE -BALIANTA - 03/2023- 24							
DECIDE.NEXTRALATION, TESTING & COMBINIONE, JEANNISSIN LAK         J         S         Re: 19:99(a)         20:109(b)         Re: 19:99(a)         20:109(b)         Re: 19:99(a)         20:109(b)         Re: 19:99(a)         Re: 19:99(a) <th< td=""><td></td><td></td><td></td><td></td><td></td><td>DE - 995423): ERECTIO</td><td>N SCHEDULE - VII-B - P</td><td>ART -III ERECTION WO</td><td>RK COMPONENT OF THE</td></th<>						DE - 995423): ERECTIO	N SCHEDULE - VII-B - P	ART -III ERECTION WO	RK COMPONENT OF THE		
1         2         3         5         6         7         6         6         6         7         6         7         6         7         6         7         7         6		NAME OF THE BIDDER									
1         2         3         4         5         (19%)         7×10***         8×10***           1         2         3         4         5         (19%)         7×10***         8×10***           1         2         3         4         5         (19%)         7×10***         8×10***           1         0         1         0         1         0         0         0         1         0         1         1         1         1         1         1         1         0 <td< td=""><td></td><td>ERECTION, INSTALLATION, TESTING &amp; COMMISSIONING _TRANSMISSION LINE</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>		ERECTION, INSTALLATION, TESTING & COMMISSIONING _TRANSMISSION LINE									
2         2         3         4         5         6         0		2	3						9= {8*4}		
1         2         3         4         5         6-15*9%)         7=15*9%)         8=15*6*7)           PARTA         ERECTION,TESTING & COMMISSIONNO of Following tested Lattice type Gavanuzed steat tagent, Angle tower with stubs and cleater, afterent type of G.I HT Nats & Bolts, washer, spring washer for the above type towers, hanger and all accessories, tower super structure complete with tightening, punching of bolts including step bolts. All other left out provided up to a hight of 50mm above the cooping (legs & bracking members. All Exciton bold confine to the Technical Specification laid there in the Tender Specification.         Nes.         5	1	2	3		5	6= {5*9%}	7= {5*9%}	8= {5+6+7}	9= {8*4}		
L         2         3         4         5         6- (5*9%)         7= (5*9%)         8= (5*6*7)           FRETON_TESTING & COMMISSIONNO of Following tested Lattice type Galvanized steet tangent / Angle toorw with stubs and class, different type of GL HT Nuts & Bolts, wather, spring wather for the above type towers, hanger and all accessories, toors super structure complete with type towers. Anager and all accessories towers and all be trived by using members. All Exciton baloid confine to the Technical Specification latic there in the Tender Specification.         Nos.         5	SI. No.	ERECTION, INSTALLATION, TESTING & COMMISSIONING OF	MEASURE	Tander Carry: Construction of 122 KV DC line on Z24KV lattice type tower ang ACSR scars conductor to the proposed Z20 KV GIS, Ballantia up to Gangue Canal for connectivity of GIS a Manchaswar and proposed GIS at Satyanagar.	UNIT (Taxable Value)	UNIT	OGST @ 9% PER UNIT (INTRA-STATE)		TOTAL PRICE FOR THE TENDER QUANTITY		
Image: constraint of the second sec			3	4	5	6= {5*9%}	7= {5*9%}	8= {5+6+7}	9= {8*4}		
1.1.1         +6 EXTENSION NOMINAL UNIT WEIGHT 1.448 MT)         Nos.         1           1.2         OB TYPE (30 deg ANGLE) TOWERS         Nos.         1           1.3         OC TYPE (30 deg ANGLE) TOWERS         Nos.         1           1.3         OC TYPE (30 deg ANGLE) TOWERS         Nos.         1           1.4         FEXTENSION (NOMINAL UNIT WEIGHT 2.689MT)         Nos.         5           1.3         IVER (30 deg ANGLE) TOWERS         Nos.         1           1.4         EAXTENSION (NOMINAL UNIT WEIGHT 2.689MT)         Nos.         1           1.4         EAXTENSION (NOMINAL UNIT WEIGHT 2.689MT)         Nos.         1           1.4         Cable Termination toge tower         Nos.         1           1.4         Cable Termination toge tower         Nos.         1           2.6         Exection of the following towar accessories as per technical specification and as directed by the engineer in charge.         MT         5         0.00         0.00         0.00           2.1         EARTING DEVICE         Nos.         12         0.00         0.00         0.00         0.00           2.3         NUMBER PLATE         Nos.         12         0.00         0.00         0.00         0.00         0.00         0.00	1.0	Galvanized steel tangent / Angle tower with stubs and cleats , different type of G.I HT Nuts & Bolts, washer, spring washer for the above type towers, hanger and all accessories, tower super structure complete with tightening, punching of bolts including step bolts. All other left out portion of the bolts above bottom cross arm shall be riveted by using suitable hammer. Painting of black bituminous paints three coats shall be provided up to a height of 500mm above the cooping (legs & bracing members. All Terection should confirm to the Technical Specification laid									
1.2         OB TYPE (30 deg ANGLE ) TOWERS         Nos.         1         Image: Control of the c											
12.1         +6 EXTENSION (NOMINAL UNIT WEIGHT 2.132 MT)         Nos.         1											
1.3.1         +6 EXTENSION (NOMINAL UNIT WEIGHT 2.689MT)         Nos.         3	1.2.1	+6 EXTENSION (NOMINAL UNIT WEIGHT 2.132 MT)	Nos.								
1.4         Cable Termination type lower         Nos.         1											
1.6         Weight of different type G1 Nuts & Botts with plan & spring washers         MT         5         0.00         0.00         0.00         0.00         0.00           1.0         Erection of the following tower accessories as per technical specification and as directed by the engineer in charge.         Nos.         19         0.00         0.00         0.00         0.00           2.1         EARTHINS DEVICE         Nos.         12         0.00         0.00         0.00         0.00           2.2         DANGER BOARD         Nos.         12         0.00         0.00         0.00         0.00           2.4         PHASE PLATE         Nos.         12         0.00         0.00         0.00         0.00           2.5         ANTICLIMBING DEVICE         Nos.         12         0.00         0.00         0.00         0.00           2.6         CIRCUIT PLATE         Nos.         12         0.00	1.4	Cable Termination type tower	Nos.	1							
20         Erection of the following tower accessories as per technical specification and as directed by the engineer in charge.         Nos.         19         0.00         0.00         0.00           2.1         EARTHING DEVICE         Nos.         19         0.00         0.00         0.00         0.00           2.2         DANGER BOARD         Nos.         12         0.00         0.00         0.00         0.00           2.3         NUMBER PLATE         Nos.         12         0.00         0.00         0.00         0.00           2.4         PHASE PLATE         Nos.         12         0.00         0.00         0.00         0.00           2.6         AITCLIMBING DEVICE         Nos.         12         0.00         0.00         0.00         0.00           2.6         CIRCUIT PLATE         Nos.         12         0.00         0									0.00 0.00		
and as directed by the engineer in charge.                1         EARTHIND EV/CE         Nos.         19         0.00         0		Erection of the following tower accessories as per technical specification	IVIT	5		0.00	0.00	0.00	0.00		
2.2         DANGER BOARD         Nos.         12         0.00         0.00         0.00           2.3         HUMBER PLATE         Nos.         12         0.00         0.00         0.00         0.00           2.4         PHASE PLATE         Nos.         72         0.00         0.00         0.00           2.5         ANTICLIMBING DEVICE         Nos.         72         0.00         0.00         0.00           2.6         CIRCUIT PLATE         Nos.         12         0.00         0.00         0.00           2.6         CIRCUIT PLATE         Nos.         12         0.00         0.00         0.00           2.6         CIRCUIT PLATE         Nos.         24         0.00         0.00         0.00           40 biting and fxing of insulators with required accessories, paying out of conductor jointing, stringing, sagging & Jumpering etc. of power conductor and earth wire with all required accessories including scaffolding for 33 KV,11 KV, LT, PR Tiles, rooka and railway lines and using own required T&P and compression jointing machines etc. (including all materials as indicated in supply schedule for TL against item 4 to 8)         3.00         0.00         0.00         0.00           3.1         ACSR Zebra (54/73.18mm)         RKM         3.00         0.00         0.00         0.00         0.00         0.00 </td <td></td> <td></td> <td>Nos</td> <td>19</td> <td></td> <td>0.00</td> <td>0.00</td> <td>0,00</td> <td>0.00</td>			Nos	19		0.00	0.00	0,00	0.00		
2.4         PHASE PLATE         Nos.         72         0.00         0.00         0.00           2.5         ANTICLIMBING DEVICE         Nos.         12         0.00         0.00         0.00         0.00           2.6         CIRCUIT PLATE         Nos.         12         0.00         0.00         0.00         0.00           4         Hoisting and fixing of insulators with required accessories, paying out of conductor jointing, stringing, sagging & Jumpering etc. of power conductor and earth wire with all required accessories including scaffolding for 33 KV,11 KV, LT, P&T lines, roads and railway lines and using own required T&P and compression jointing machines etc. (Including all materials as indicated in supply schedule for TL against item 4 to 3)         RKM         3.00         0.00         0.00         0.00           3.1         ACSR Zebra (54/73.18mm)         RKM         3.00         0.00         0.00         0.00         0.00           4.0         Erection & Commissioning for OPGW system as per technical specification         KM         3.00         0.00         0.00         0.00         0.00           4.1         commissioning of associaled hardware set including handing over of dismantide earth wire/8F OPGW to the nearest station as per specification         Statiation and commissioning of joint bx (48F)         0.00         0.00         0.00         0.00         0.00         0.00         0.00	2.2	DANGER BOARD	Nos.	12		0.00	0.00	0.00	0.00		
2.5     ANTICLINGUNG DEVICE     Nos.     12     0.00     0.00     0.00       2.6     CIRCUIT PLATE     Nos.     24     0.00     0.00     0.00       Hoisting and fixing of insulators with required accessories, paying out of conductor, jointing, stringing, sagging & Jumpering etc. of power conductor and earth wire with all required accessories including satisficiting of 3 KV,11 KV, LT, P&T lines, roads and railway lines and using own required T&P and compression jointing machines etc.(Including all materials as indicated in supply schedule for TL against item 4 to 8)     RKM     3.00     0.00     0.00     0.00       3.1     ACSR Zebra (54/7/3.18mm)     RKM     3.00     0.00     0.00     0.00       4.8     Flore[DWSM/OPGW fibre Optic Cable along with erection and commissioning of associated hardware set including handing over of dismantled earth wire/8F OPGW to the nearest station as per specification     KM     3.00     0.00     0.00       4.2     Installation and commissioning of joint box (48F)     Nos.     2.00     0.00     0.00     0.00									0.00 0.00		
2.6       CIRCUIT PLATE       Nos.       24       0.00       0.00       0.00         Hoisting and fixing of insulators with required accessories, paying out of conductor, jointing, stringing, sagging & Jumpering etc. of power conductor and earth wire with all required accessories including scaffolding for 33 KV,11 KV, LT, P&T lines, roads and railway lines and using own required T&P and compression jointing machines etc. (Including all materials as indicated in supply schedule for TL against item 4 to 8)       RKM       3.00       0.00       0.00       0.00       0.00         3.1       ACSR Zebra (SA/73.18mm)       RKM       3.00       0.00       0.00       0.00       0.00         4.0       Erection & Commissioning for OPGW system as per technical specification       KM       3.00       0.00       0.00       0.00         4.1       commissioning of associated hardware set including handing over of dismantiled earth wire/8F OPGW to the nearest station as per specification       KM       3.00       0.00       0.00       0.00         4.2       Installation and commissioning of joint box (48F)       Nos.       2.00       0.00       0.00       0.00									0.00		
conductor_iointing, stringing, sagging & Jumpering etc. of power conductor and earth wire with all required accessories including saffolding for 33 KV,11 KV, LT, P&T lines, roads and railway lines and using own required T&P and compression jointing machines etc.(Including all materials as indicated in supply schedule for TL against item 4 to 8)       RKM       3.00       0.00       0.00       0.00         3.1       ACSR Zebra (54/7/3.18mm)       RKM       3.00       0.00       0.00       0.00         4.0       Erection & Commissioning for OPGW system as per technical specification       String PW size with the required accessories including handing over of dismantied earth wire/8F OPGW to the nearest station as per specification       KM       3.00       0.00       0.00       0.00         4.2       Installation and commissioning of joint box (48F)       Nos.       2.00       0.00       0.00       0.00		CIRCUIT PLATE							0.00		
4.0         Erection & Commissioning for OPGW system as per technical specification         Image: Commissioning of Commissioning for OPGW system as per technical specification         Image: Commissioning for Commissioning for OPGW system as per technical specification         Image: Commissioning for Commissioning for OPGW system as per technical system as per specification         Image: Commissioning for Commissioning for OPGW system as per specification         KM         3.00         0.00	3.0	conductor, jointing, stringing, sagging & Jumpering etc. of power conductor and earth wire with all required accessories including scaffolding for 33 KV,11 KV, LT, P&T lines, roads and railway lines and using own required T&P and compression jointing machines etc. (including all materials as indicated in									
4.0       specification       48 Fibre/DWSM)OPGW fibre Optic Cable along with erection and commissioning of associated hardware set including handing over of dismantled earth wire/8F OPGW to the nearest station as per specification       KM       3.00       0.00       0.00       0.00       0.00         4.2       Installation and commissioning of joint box (48F)       Nos.       2.00       0.00       0.00       0.00       0.00	3.1	ACSR Zebra (54/7/3.18mm)	RKM	3.00		0.00	0.00	0.00	0.00		
4.1       commissioning of associated hardware set including handing over of dismantied earth wire/8F OPGW to the nearest station as per specification       KM       3.00       0.00       0.00       0.00       0.00         4.2       Installation and commissioning of joint box (48F)       Nos.       2.00       0.00       0.00       0.00       0.00         IDTAL OF ERECTION COMPONENT OF THE WORKS CONTRACT	4.0	specification									
4.2     Installation and commissioning of joint box (48F)     Nos.     2.00     0.00     0.00     0.00       DATAL OF ERECTION COMPONENT OF THE WORKS CONTRACT	4.1	commissioning of assocaited hardware set including handing over of	КМ	3.00		0.00	0.00	0.00	0.00		
	4.2		Nos.	2.00		0.00	0.00	0.00	0.00		
NOTE-	PART-B	SCHEDULE VIIB (TRANSMISSION LINE)							₹ 0.00		

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 SCHEDULE VIB (TRANSMISSION LINE)

 NOTE:

 Before filling up rate/amount etc. in the schedules bidders are requested to read carefully the instruction given in Vol-1 of Bidding Document.

 Bidders are required to fill up only blue shaded cells.

 Bidders are requested not to leave any column blank. If any column is left blank it shall be considered that amount against those items are included in any other item and the total amount for that item shall be calculated as free of cost (Zero value). No rate shall be furnished//btained after bid opening .

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

 

			OD of 132 KV DC line on 2 nal for connectivity of G	20kV lattice type tow	d proposed GIS at Satya	onductor from prop	oosed 220/ 132/33			
PACKAGE-CPC-03/2023-24- 132kV DC LINE - BALIANTA_GANGUA CANAL (CIVIL WORKS)			NOTICE INVITING TENDER-NIT NOCPC-03 / 2023-24 & BID DOCUMENT No.: SGM- CPC- e-TENDER- 132KV DC LINE -BALIANTA - 03/2023-24							
		PRICE BI	D FOR WORKS CONT		E - 995423): CIVIL WO WORKS CONTRACT-(			III CIVIL WORK		
	NAME OF BIDDER									
SI. No.	CIVIL WORKS _TRANSMISSION LINE DESCRIPTION OF ITEMS(SCHEDULE-VIIC-LINE) CIVIL WORK COMPONENT OF THE WORKS CONTRACT OF FOLLOWING EQUIPMENTS (As per Technical Specification)	UNIT	TENDER QUANTITY: Construction of 132 KV DC line (3.0 kms appox) from Balianta to Gangua canal	BASIC PRICE PER UNIT (Taxable Value) In Rs	CGST @ 9% PER UNIT (INTRA-STATE)	OGST @ 9% PER UNIT (INTRA- STATE)	Total F&I 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= {8*4}		
	CIVIL WORKS SURVEY OF LINE & PREPARATION OF LAND SCHEDULE: Supply of required T&P's, Technical personnel's, labours for conducting									
1.1	Preliminary survey- Making walk over survey ascertaining feasible route and marking on Toposheet, preparation of route alignment map,	RKM.	3		0.00	0.00	0.00	0.00		
1.2	Detail survey including taking of levels, profile plotting, tower spotting ,marking of towers locations at site including showing P&T line, power line, Railway line, river crossing, roads and submission of route map and survey report etc. The P&T lines and railway lines for a minimum distance of 8 kms on either side of alignment shall be clearly indicated.	RKM.	3		0.00	0.00	0.00	0.00		
1.3	Soil Investigation for preparation/design of Foundation									
1.3.1	Soil Testing in complete shape along with submission of report etc. up to the depth of 15 Mtrs. Soil Testing in complete shape along with submission of report etc.	Per Loc.	0		0.00	0.00	0.00	0.00		
1.3.2	upto the depth of 30 mtrs for River bed pile foundation.	Per Loc.	10		0.00	0.00	0.00	0.00		
2.0	FOUNDATION MATERIALS: Supply of all materials like cement, steel, all coarse aggregates, fine aggregates and making foundations of the required above mentioned type towers as per the direction laid down in the technical specification and the direction of the site- in charge									
2.1	OPEN CAST FOUNDATION									
	Excavation for following type of soil and rocks and back filling (back filling shall be done in layers of 500mm sprinkling of water and compaction thereafter and disposed of excess quantity of excavated soil at suitable place after back filling), & if required for filling the foundation, borrowed earth/morrum/sand shall be brought for filling and compaction, including supply of sand, all T&P, labour as required.	CUM	638.82		0.00	0.00	0.00	0.00		
2.1.2	Design, Engineering, Providing and laying of plain cement concrete (PCC 1:3:6) of grade M10 with approved quality coarse aggregates (Nominal size 12mm to 20mm), fine aggregates, cement in tower foundation as blind layer inclusive of labour charges for concrete mixing & curing. This includes supply of all labourers, T&P, head loading of all type of Civil materials and dewatering (including Supply of all T&P, Fuel, Lubricant & electricity etc.) as per Technical specification and instruction of Engineer In charge.	СЛМ	40		0.00	0.00	0.00	0.00		
2.2	Design, Engineering and laying of reinforced cement concrete (RCC 1:1.5:3) of grade M20 for open cast foundation with supply of approved quality coarse aggregates(Nominal size 12mm to 20mm) ,fine aggregates, cement and steel of different size(as per design) with cutting, bending, binding of M.S.Rod including supply of binding wire in tower foundation and inclusive of labour charges for concrete mixing, supply and fixing of form boxes, curing, shoring, shuttering, testing of sample cement concrete cubes as per IS. The height of the coping shall be 350mm above the finished concrete level. The surrounding area shall be clear from materials. Damage of land if any by the contractor shall be repaired before measurement. This includes supply of all labourers, T&P as per Technical specification and instruction of Engineer In charge.									
2.2.2	RCC (1:1.5:3) -Excluding Steel Cutting bending hooking, fixing and binding in poisition of MS bars for rainforcement of foundation concrete of towers including supply of wire for binding With supply of steel rod (TATA / RINL / SAIL Make) and head loading.	CUM MT	106.19 0.493		0.00	0.00	0.00	0.00		
3.0	PILE FOUNDATION (UNDER-REAM PILE) BORING &CONCRETE WORKS									

	<b>RIVER BED PILING:</b> Supply of all materials like cement, steel, all coarse aggregates, fine aggregates and making river bed pile by						
	DMC method (Motor Driven) boring of piles foundations for river crossing locations with vertical boring of piles (pile bore as per						
	required depth, basing on design), preparation of cage, lowering and positioning (cutting bending binding/welding of M.S.Rod						
	including supply of binding wire/way of welding) of the required						
	above mentioned Tower foundation as indicated above and as per requirement, including supply of all materials, labours, de-watering,						
	proper curing of the foundations and T&P as per specification and instruction of Engineer in charge in the <b>RCC</b> : <b>1:1:2</b> (Grade M-25.)						
	including stabilization of bore :- Pile diameter (500 MM, 1000 MM).						
3.1.1	Pile foundation without under reemed boring 500mm dia	Mtr.length	4200.00	0.00	0.00	0.00	0.00
3.1.2	Pile foundation without under reemed boring 1000mm dia	Mtr.length	750.00	0.00	0.00	0.00	0.00
3.2	RCC (1:1.5:3) (Excluding Steel) With cement and without rod	Cum	1413.00	0.00	0.00	0.00	0.00
3.3	Cutting bending hooking, fixing and binding in position of MS bars for reinforcement of foundation concrete of towers including supply of wire for binding. With supply of steel rod (TATA / RINL / SAIL make)	MT	141.00	0.00	0.00	0.00	0.00
3.4	500 MM, 1000 MM dia MS liners of required numbers each of 1mtr height made of 6mm thick MS plate(MS plate of SAIL / TISCO make only) including.supply.cutting.bending,rolling,welding,face cutting,driving,transportation,loading,unloading etc for different location in river bed piling work.	Per MT	84.00	0.00	0.00	0.00	0.00
4.0	PILE RISER,CAPPING,PEDESTAL & TIE-BEAM CONCRETE WORKS						
	Pile riser,cap,tie-beam with RCC: 1:1.5:3 (Grade M-20) for above						
	river bed piling ,including supply of all materials like MS Rod(cutting,bending,binding of M.S.Rod including supply of						
	binding wire), Cement, coarse and fine aggregates, shuttering and centering and temporary road on the river and supply of labours, de-						
	watering, proper curing of the foundations /concrete and T&P in line with the Specification and as per direction of Engineer in						
	Charge.						
	Excavation in all type soil and rocks and back filling (back filling shall be done in layers of 500mm sprinkling of water and compaction						
4.1	thereafter and disposed of excess quantity of excavated soil at suitable place after back filling), & if required for filling the	Cum.	570	0.00	0.00	0.00	0.00
	foundation, borrowed earth/murrum/sand shall be brought for filling and compaction, including supply of sand, all T&P, labour as						
	required. (i) Soft/Loose Soil.						
	Providing mud-matting before concreting of stubs with lean concrete including cost of agree gates,mixing, lavig, curring etc(Form Boxes						
4.2	and other consumables to be supplied by the contractor) 1:3:6 mix with cement	Cum	25	0.00	0.00	0.00	0.00
	Providing and laying ordinary plain/reinforced concrete work of						
	grade M- 20 (1:1.5:3) with approved quality stone chips of normal size up to 20 mm in tower foundation and couping inclusive of cost						
4.3	of cement mixing by curring etc. and cost of all materials(Form Boxes and other consumables to be supplied by the contractor)	Cum	1977	0.00	0.00	0.00	0.00
	conforming to relevant IS. With cement and without rod						
	Cutting bending hooking, fixing and binding in position of MS bars						
4.4	for reinforcement of foundation concrete of towers including supply of wire for binding.	MT	163	0.00	0.00	0.00	0.00
	With supply of steel rod (TATA / RINL / SAIL make)						
5	SHORING & SHUTTERING- required in wet or special locations with supply of all materials,T&P and Labour.	Sq. m	250	0.00	0.00	0.00	0.00
6	DE-WATERING (i) With Supply of all T&P on Man Hr basis.	HP Hr	120	0.00	0.00	0.00	0.00
7	Pipe type earthing including cost of bentonate compound and good borrowed earth where necessary in accordance with IS:3043-1966 and with supply of all T&P and Laobur.	No	19	0.00	0.00	0.00	0.00
	Without cost of earthing pipe and G.I.Flat						
8	Welding (including supply of electrods and zinc rich paints with application after welding) Bolt and nut welding (continuous welding) around the bolts	Per bolt	15000	0.00	0.00	0.00	0.00
9	Supply & painting of black bituminous paints three coats shall be provided up to a height of 500mm above the cooping(both leg & bracing members)	Loc	12	0.00	0.00	0.00	0.00
10	Mobilisation cost of above10 persons to site. Movement beyond 100.0km up to 200.0 Km	Lots	1	0.00	0.00	0.00	0.00
11 11.1	RIGHT OF WAY COMPENSATION Per location for foundation and erection of tower	Per Loc	4.00	0.00	0.00	0.00	0.00
PART-C	TOTAL OF (Civil Work) (PART-C)_TRANSMISSION LINE	1 51 200	4.00	0.00	0.00	0.00	0.00

NOTE: Before filling up rate/amount etc. in the schedules bidders are requested to read carefully the instruction given in Vol-I of Bidding Document. 1

- Bidders are required to fill up only blue shaded cells. Bidders are requested not to leave any column blank. If any column is left blank it shall be considered that amount against those items are included in any other item and the total amount for Works contract shall be Intra-state Supply and Erection i.e. from Inside Odisha, % GST are %CGST+%OGST 2 3 4

PACKAGE -CPC-03/2023-24		ODISHA POWER TRANSMISSION CORPORATION LIMITED Construction of 132 KV DC line on 220kV lattice type tower using ACSR zebra conductor from proposed 220/132/33 KV GIS, Balianta up to Gangua Canal for connectivity of GIS at Mancheswar and proposed GIS at Satyanagar having approx. Line Length-3.0 Km on "TURNKEY CONTRACT BASIS" NOTICE INVITING TENDER-NIT NOCPC-03 / 2023-24 & BID DOCUMENT No.: SGM- CPC- e-TENDER-132KV DC LINE -BALIANTA - 03/2023-24 SCHEDULE-VIII (SUMMERY OF PRICE SCHEDULES)
	ANNUAL MAINTENANCE CONTRACT	
	NAME OF THE BIDDER	
Sl. No.	DESCRIPTION OF SCHEDULES	PRICE IN INR
SL NO.	NAME OF THE SCHEDULE	
1	PART -I SUPPLY COMPONENT OF THE WORKS CONTRACT	
1.1	Schedule VIIA_TRANSMISSION LINE	
1.1.1	Total Basic Price (Taxable value) exclusive of GST and any other taxes & duties for Schedule VIIA_Transmission line Supply of Equipment/materials in INR	
1.1.2	Total of GST and any other Taxes and Duties for Schedule VIIA_ Transmission line Supply of Equipment/materials in INR	
	TOTAL of Supply Component Schedule VIIA _TRANSMISSION LINE (Equipment/materials).	0.00
2.0	PART -II ERECTION COMPONENT OF THE WORKS CONTRACT	
2.1	Schedule VIIB_Line Erection (ELECTRICAL WORKS )	
2.1.1	Total Basic Price (Taxable value) exclusive of GST and any other taxes and Duties for Schedule VIIB_Line Erection (Electrical Works) Equipment/materials in INR	
2.1.2	Total of GST and any other Taxes and Duties for Schedule VIIB_Line Erection (Electrical Works) Equipment/materials in INR	
	TOTAL of Schedule VIIB_Line Erection Charges	0.00
3.0	PART -III CIVIL WORK COMPONENT OF THE WORKS CONTRACT	
3.1	Schedule VIIC_Line Civil Works	
3.1.1	Total Basic Price (Taxable value) exclusive of GST for CIVIL WORKS in Schedule VIIC_Line Equipment/materials in INR	
3.1.2	Total of GST and anyother Taxes and Duties for CIVIL WORKS in Schedule VIIC_Line Equipment/materials in INR	
	Total of CIVIL WORKS for Schedule VIIC_Line	0.00
4.0	TOTAL WORKS CONTRACT PRICE IN INR	0.00
5.0	TOTAL DISCOUNT OFFERED ON WORKS CONTRACT IN INR	
6.0	TOTAL WORKS CONTRACT PRICE AFTER DISCOUNT IN INR	0.00