Institute of Entrepreneurship Development, Odisha (IEDO) Sector –A, Zone-A, Mancheswar, Bhubaneswar-751010,

> Odisha Ph:0674585609 Website: www.iedodisha.nic.in

# MAA DURGA BAMBOO FOUNDATION

# At- ROHIBANKA, P.O. ROHIBANKA, Dist- NAYAGARH, Odisha, PIN-752090

Telephone/Fax No- 06758-250305/296254 Mob No- +91 8018681234/6372129839

Mail: spfoundation@yahoo.com

Website: www.spfoundationindia.org

# **TENDER DOCUMENTS**

# FOR THE WORK: ESTIMATE FOR CONSTRUCTION OF 11 KV LINE WITH INSTALLATION OF 100 KVA 11/4KV S/S TOWARDS POWER SUPPLY OF 55 KW LOAD (ON MI TARIFF)TO THE BAMBOO CRAFT CLUSTER AT ODOGOAN, NAYAGARH,

OVER PLOT NO- 2714/ 3908 KHATA NO-412/167,

# ROHIBANKA, ODAGOAN, NAYAGARH ".

FOR ROHIBANKA BAMBOO CRAFT CLUSTER, NAYAGARH DISTRICT IN ODISHA

# ESTIMATE FOR CONSTRUCTION OF 11 KV LINE WITH INSTALLATION OF 100 KVA 11/4KV S/S TOWARDS POWER SUPPLY OF 55 KW LOAD (ON MI TARIFF) AT ROHIBANKA BAMBOO CRAFT CLUSTERODAGOAN BLOCKOF NAYAGARH DISTRICT

IN

# ODISHA

JANUARY, 2025



**TENDER NOTICE** 



(Estimate For Construction of 11 KV Line with Installation Of 100 KVA 11/4kV S/S Towards Power Supply Of 55 Kw Load (On MI Tariff) in Rohibanka Bamboo Craft Cluster, Odagaon, and Nayagarh, Odisha)

Sealed tenders are invited from empanelled licensed Electrical Engineers / Contractors of TPCODL for Construction Of 11 KV Line with Installation Of 100 Kva 11/4kv S/S Towards Power Supply Of 55 Kw Load (On MI Tariff)Odagaon Block of Nayagarh District. In Odisha being facilitated by MAA DURGA BAMBOO FOUNDATION. Tender should be submitted in (financial bid) along with earnest money of Rs. 30,000/- (Rupees Thirty Thousand only) and can be deposited in favor of S.P. Foundation, Nimapada up to 05.00 PM of Dt.10.02.2025. Tenders received will be opened before the Technical Committee of the proposed work on Dt. 12.06.2023 at 11.00 AM.

This is a percentage-based tender. Tender form can be obtained from S.P. FOUNDATION, At-Guhalapada, P.O. Nimapada, Dist - Puri, Odisha, and PIN 752106 on any working day between Dt. 27.01.2025 to Dt.10.02.2025 from 10.00 AM to 05.00 PM by payment of Rs. 500/- / Tender forms can also be downloaded from the web site of IED, Odisha. Www.iedodisha.nic.in and www.spfoundationindia.org . A demand draft of Rs.500/- purchased in favor of S.P. FOUNDATION should be enclosed along with the Bid for the Tender Form downloaded from the website.

The details of works and Terms and Conditions are available in the Tender Form. The Chairman, S.P. FOUNDATION, Nimapada reserves the right to cancel any or all the Tenders without assigning any reason.

# **Best Regards**

Ytuldohalm Chairman S.P. Foundation Mr. Swetaparna Roy Mohapatra Chairman S.P. Foundation

# Bid: -Scope of work

SL NO	DESCRIPTION OF WORK	Gross amount	6% S C	18% GST on 6% S.C	Total (6% S C+ 18% GST on 6% S C)
1	PART- A Installation of 100 KVA 11/4 KV DP mounted S/S over 9 mtr long 300 kg. PSC = 01 No	5,68,180.14	27,198.84	4,895.79	32,094.63
2	PART-B- Construction of 11 KV 3 <del>0</del> 3W line using 55 mm2 AAAC=0.7 km	9,97,888.44	47,815.25	8606.74	56,421.99
	Total Estimate cost	15,66,068.58	75,014.08	13502.53	88,516.62

# Charges Details

SL No	DESCRIPTION OF D.D	Gross amount	CGST Rate	CGST amount(Rs)	SGST Rate	SGST Amount (Rs)	Total Amount (Rs)
1	Security Deposit	1,56,152.00	0.00%	0.00	0.00%	0.00	1,56,152.00
2	Processing Fees	200.00	9.00%	18.00	9.00%	18.00	236.00
3	Service Connection Charges	29,834.73	9.00%	2,685.13	9.00%	2,685.13	35,204.99
4	Round	0.49	0.00%	0.00	0.00%	0.00	0.49
		То	tal cost				1,91,593.48

Total Project cost- Rs.17,57,662.48/-

		TRAL ODISHA DIS			
	Name of the Division :	- NAYAGARH ELE	CTRICAL DIVISK	DN, NAYAGARI	Da <u>te:</u>
	<u>Name of the Sub-Division :</u>	- Nayagarh			
	Name of the Section :				
	Name of the Work :	11/4KV S/S towa	rds power supply t Cluster of S.P F Mohapatra, site a	y of 55KW load oundation, C/O	-Chairman Smt
		PART -A : Installa 9mtr long 300Kg PART-B: Constru AAAC=0.7Km.(Us Nos of 150x150mr & Installation of 1 No	PSC =01 No ction of 11KV 30 ing 9 Nos of 9mt m RS joist) 1KV isolating DP	9 3W line_using r. Long 300Kg.	55mm2 PSC pole & 10
	Type of Scheme	New Service conn	ection		
	Load Requirement (KVA)				
	Supply Voltage	LT			
	Names of Schemes: -	Abstract of Estin	nate		
SI. No.	Description	izgani Gross Amount L'anti	6% S.C	18% GST on 6% S.C	Total(6% S.C+18% GST on 6% S.C)
1	PART -A : Installation of 100KVA, 11/.4 KV DP mounted S/S over 9mtr long 300Kg, PSC =01 No		27,198.84	<b>4,895.79</b>	32,094.63
2	PART-B: Construction of 11KV 3Φ 3W line using 55mm2 AAAC=0.7Km.	VRT 597,888.44	47, <b>815.24</b>	8,606.74	56,421.99
	Total Estimated cost	1566068.58	7,5014.08	13502.53	88516.62
Total	amount Rs. 84,680.00 to be depos	sited by party (Eigl	nty Four Thousar	d Six Hundred	& Eighty) only.
NOTE		ser Ber	tion		
3. Neces 1. Any R	uipments to be installed as per TPC sary clearances must be taken from OW issues arising during construct hanges in Scope of work may lead	n Concern in-charg tion of line shall be	ge before work en e taken care by P	ecution.	d after Charging.
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_		No. of DP Mounted DSS			- <u> </u>	
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51.	┼╌───	MATERIALS FOR DP	Mounted DS	<u>s</u>	·	ž.
и. Ю,	SAP Code	Description of Materials	-			
	<u> </u>		Uni		Total Quantity	Tota
1	601000329	SUPPLY OF FOLLOWING EQUIPMENT &	MATERIAL	<u></u>	Guantity	Amour
?	601000625	Pole Clamp	No		2	
3	601000704	Top Channel GI 100 X 50 X 6 MM (2000	· EA		14	
	601000679	No's.) (Each 2x3.000x9.56= 57.36 Kg) Fish Plate 50x6 mm 2.36 kg/	Kg		57	
-+		Fish Plate 50x6 mm., 2.36 kg/Mtr., each 0.280 mtr. length, 6 no's required = (6x2.36x0.280)	KG			
	601001267	M.U Channel GI 75x40x4 8 mm (3000 mm)			4	•
-		(Each 2x3.000x7.14= 42.84 Kg)	S.) Kg		43	· · · ·
	601001267	AB Switch Mounting Channel 75x40x4.8 mm Gl Channel (3000 mm long)(7.14Kg./Mtr., 2 No's.) (Each 2x3.000x7.14= 42.84 Kg)				
		AB Switch Site O	Kg		43	
	601001267	AB Switch Side Support Channel 100X50X6mm,9.56 KG/Mtr., each channel length 0.35 mtr. 2 pois channel length 0.35 mtr.			<b>-</b>	
-+		= ( 9.56x2x0.35)	Kg Kg		7	
	601001267	Channel Support for down Pipe 75X40X 4.8mm., 7.14KG/Mtr., each		· · · · · · · · · · · · · · · · · · ·		
╋		= 10 s channel required = (7 14v0 8v1)	· · · · ·	te d	6	<b>tran</b> 1
. 6	601001267	HG/ DO Fuse Mounting Channel 75x40x4.8 mm GI Channel (3000 m	nm	<u></u>		
		Each 2x3.000x7.14= 42.84 Kh) (Cach 2x3.000x7.14= 42.84 Kh) (Cach 2x3.000x7.14= 42.84 Kh)	Kg		43	
	601001267	Cantilever Support Channel 75x40x4.8 mm GI Channel (810 mm lor No's.) (7.14Kg./Mtr., 2 No's.) (Each 2x0.810x7.14= 11.57 Kg)	ig,2 Kg			
{	601000689	Cantilever Support Angle 50 X 50 X 6MM (GI (1282 mm long))		<u></u>	12	-
`		(4.5 Ng/100II, 2 No.s.) (Each 2x1.282x4 5= 11.54Kg)	Kg		12	
2 6	601000704	Transformer Base GI Channel 100 X 50 X 6 MM (3000 mm long)	Kg			•••••
3 6	C01000704	(9.56Kg./Mtr, 2 No's.) (Each 2x3.000x9.56=57.36 Kg) Transformer Base Support GI Channel 100 X 50 X 6 MM (515 mm )			57	
		(9.56Kg./Mtr, 2 No's) (Each 2x0.515x9.56=3285Kg)	Kg		10	
1   e	601000689	Transformer Beiting Angle 50 X 50 X 6MM GI (3000 mm	Kg			
	-	long)(4.5Kg./Mtr, 2 No's) (Each 2x3.0x4,5 Kg) Transformer Belting Support Angle 50 X 50 X 6MM GI (580 mm		·	27	
5 6		long)(4.5Kg./Mtr,2 No's) (Each 2x0.580x4,5=Kg)	Kg		5	. <b>S</b>
5 6	501000689	LTDB Mounting Angle 50 X 50 X 6MM GJ (1000 mm long)(4.5Kg./Mt	r, 2 Kg		9	
		No's) (Each 2x1x4.5 Kg) Back Clamp for danger Plate 25X3 mmethaty0.59Kg/Mtr. Flat of a		<b> </b>  -	3	
7 (	501000685	0.510mtr length 2 no's (Each 2x0.59x0.510)	Kg		1	
ĺ		50x6mm GI Flat for earthing, 2.36kg/mtr, (2.5x7 mtr. For mesh		л. — — — — — — — — — — — — — — — — — — —		
3 6		formation, 12 Mtr. For LA and 2.5 mtr. For faising, 11 mtr for AB swit 2.8 mtr for HG Fuse, 5x2 mtr. for DTR Nutraff(1.3+4.5) mtr.丼òr,DTF			455	
		Body, 0.500 mtr for LTDB & AB Switch operating handle, 3 mtr_for	≀ KG		155	
		Fencing) ( Each 65.6x 2.36= 154.81 Kg)				
<b>)</b> (	101000329	100 KVA , 11/ 0.4 KV (AL) Transformer BIS Energy level II	Nos		1	
) (		LT Distribution Box with MCCB, Aluminium Busbar of single Bay with kat fuse for 100 KVA S/S	Nos.		1	
1	01000080	55mm2 All Alloy Aluminum Conductor (AAAQ) - PVC Insulated (50 M	Atr. Kui	<u> </u>		
		Each Dtr.) FOR 100 KVA Trf."	Mtr.		15	
			Set.	<u>├</u>	15	<u> </u>
4 (	601000104	H.G.Fuse(11KV.200A.3Pole)	Set		1	-
5 (	601000316	PG Clamp for 55 sq.mm AAA conductor	No No	╞╼╴╴┝	6	. <del></del>
7 (	601000296	H W fitting (B&S)70KN(3bolted)	Set	···	3	····
3 (	601000099	Lightning Arrester(12KV 10KA) Station Class 2	Nos		3	·····
		11KV pin insulator polymer	No Set		3	-
		HT stay Clamp (1.9Kg/pair)	Pair		2	
2 1	601000612	HT stay insulator TYPE-C	No		2	
		7/10 SWG GI stay wire, Grade -2 (15Kg./ Set) 40 mm Nominal bore GI pipe (medium gauge) earthing device with 3	Kg		30	
	501000405	Long	No		7	
		GI Nuts & Bolts of Assorted size (25 KGADSS DP)	Kg		25	
5 [ ]	70100016	GI Barbed wire/Anticlimbing device (3Kg9Pole)	Kg		6	<u></u>
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A   Total Cost of materials     B   Stock, Storage & Insurance i.e 3% of A     C   Stock, Storage & Insurance i.e 3% of A     D   Contigency @ 3% of C     E   Transportation @ 7.5% of C     F   Erection Charges @ 5% on Tri/Breaker/WPB/ H-Pole     H   Erection Charges @ 10% of C (except Tri/Breaker/WPB/ H-PolePIT stay set/PSC Pole)     I   Erection Charges @ 20% of PSC pole- Not to be used for 38kv     J   Concreting ratio 1:1.5:3 (500mmX500mmX1500mm) = 0.375 Cu.mtr   Ourmtr   0.75     2   201008   900mmX00mmy00mmy0 using 40mm BHG metal with all labor and material except stay set , stay wire , stay insigulator   No.   2     3   200017   Installation of Earth Pit, Charcoal, Satt BtG Including construction 67 No.   7     4   Supply and Erection of GI Fencing with Gate   Sqmtr.   20     K   Total Civil & Services (N+O)     Q   Other overheads (Including 6% supervision charges) of L   27, No.     N   Other overheads (Including 6% supervision charges) of L   27, No.     R   Inspection Fee of Transformer (S0kVA to 250kVA)   Inspection Fee of Transformer (S0kVA to 250kVA)     R   Inspection Fee of Transformer (S0kVA to 250kVA)   Inspec								
38   301000878   Name plate   No   1     39   Structure Numbering and Marking   Ltr   2     39.1   501000296   Black Colour Paint for Background   Ltr   1     39.1   501000296   Black Colour Paint for numbering   Ltr   1     A   Total Cost of materials   Total Cost of materials     B   Stock, Storage & Insurance i.e 3% of A     C   Contigency @ 3% of C     Transportation @ 1.5% of C   Tools & Plants @ 2% of C     F   Transportation @ 1.5% of C     C   Erection Charges @ 5% on Tr//Breaker/WPB/H-Pole     H   Erection Charges @ 20% of PSC pole. Not to be used for 33kv     J   Erection Charges @ 20% of PSC pole. Not to be used for 33kv     J   Concreting ratio 1:1.5:3 (500mmX500mm) = 0.375 Cu.mtr   0.75     1   Concreting ratio 1:1.5:3 (500mmX500mm) = 0.375 Cu.mtr   0.75     2   201008   900mmc0mms0mm using 40mm BHG metal with all tabor and material except stay set, stay wire, stay insulator.   1     3   200017   Installation of Earth Pit, Charccal, Salt RC Including construction 1:3:5 size (   No.   7     4   Supply and Erection of GI Fencing with Gata.<					· · · ·			
38   301000878   Name plate   No   1     39   Structure Numbering and Marking   Ltr   2     39.1   501000296   Black Colour Paint for Background   Ltr   1     39.1   501000296   Black Colour Paint for numbering   Ltr   1     A   Total Cost of materials   Total Cost of materials     B   Stock, Storage & Insurance i.e 3% of A     C   Contigency @ 3% of C     Transportation @ 1.5% of C   Tools & Plants @ 2% of C     F   Transportation @ 1.5% of C     C   Erection Charges @ 5% on Tr//Breaker/WPB/H-Pole     H   Erection Charges @ 20% of PSC pole. Not to be used for 33kv     J   Erection Charges @ 20% of PSC pole. Not to be used for 33kv     J   Concreting ratio 1:1.5:3 (500mmX500mm) = 0.375 Cu.mtr   0.75     1   Concreting ratio 1:1.5:3 (500mmX500mm) = 0.375 Cu.mtr   0.75     2   201008   900mmc0mms0mm using 40mm BHG metal with all tabor and material except stay set, stay wire, stay insulator.   1     3   200017   Installation of Earth Pit, Charccal, Salt RC Including construction 1:3:5 size (   No.   7     4   Supply and Erection of GI Fencing with Gata.<					÷.,			
38   301000878   Name plate   No   1     39   Structure Numbering and Marking   Ltr   2     39.1   501000296   Black Colour Paint for Background   Ltr   1     39.1   501000296   Black Colour Paint for numbering   Ltr   1     A   Total Cost of materials   Total Cost of materials     B   Stock, Storage & Insurance i.e 3% of A     C   Contigency @ 3% of C     Transportation @ 1.5% of C   Tools & Plants @ 2% of C     F   Transportation @ 1.5% of C     C   Erection Charges @ 5% on Tr//Breaker/WPB/H-Pole     H   Erection Charges @ 20% of PSC pole. Not to be used for 33kv     J   Erection Charges @ 20% of PSC pole. Not to be used for 33kv     J   Concreting ratio 1:1.5:3 (500mmX500mm) = 0.375 Cu.mtr   0.75     1   Concreting ratio 1:1.5:3 (500mmX500mm) = 0.375 Cu.mtr   0.75     2   201008   900mmc0mms0mm using 40mm BHG metal with all tabor and material except stay set, stay wire, stay insulator.   1     3   200017   Installation of Earth Pit, Charccal, Salt RC Including construction 1:3:5 size (   No.   7     4   Supply and Erection of GI Fencing with Gata.<				- 44				
38   301000878   Name plate   No   1     39   Structure Numbering and Marking   Ltr   2     39.1   501000296   Black Colour Paint for Background   Ltr   1     39.1   501000296   Black Colour Paint for numbering   Ltr   1     A   Total Cost of materials   Total Cost of materials     B   Stock, Storage & Insurance i.e 3% of A     C   Contigency @ 3% of C     Transportation @ 1.5% of C   Tools & Plants @ 2% of C     F   Transportation @ 1.5% of C     C   Erection Charges @ 5% on Tr//Breaker/WPB/H-Pole     H   Erection Charges @ 20% of PSC pole. Not to be used for 33kv     J   Erection Charges @ 20% of PSC pole. Not to be used for 33kv     J   Concreting ratio 1:1.5:3 (500mmX500mm) = 0.375 Cu.mtr   0.75     1   Concreting ratio 1:1.5:3 (500mmX500mm) = 0.375 Cu.mtr   0.75     2   201008   900mmc0mms0mm using 40mm BHG metal with all tabor and material except stay set, stay wire, stay insulator.   1     3   200017   Installation of Earth Pit, Charccal, Salt RC Including construction 1:3:5 size (   No.   7     4   Supply and Erection of GI Fencing with Gata.<					<u>S.</u> -			
38   301000878   Name plate   No   1     39   Structure Numbering and Marking   Ltr   2     39.1   501000296   Black Colour Paint for Background   Ltr   1     39.1   501000296   Black Colour Paint for numbering   Ltr   1     A   Total Cost of materials   Total Cost of materials     B   Stock, Storage & Insurance i.e 3% of A     C   Contigency @ 3% of C     Transportation @ 1.5% of C   Tools & Plants @ 2% of C     F   Transportation @ 1.5% of C     C   Erection Charges @ 5% on Tr//Breaker/WPB/H-Pole     H   Erection Charges @ 20% of PSC pole. Not to be used for 33kv     J   Erection Charges @ 20% of PSC pole. Not to be used for 33kv     J   Concreting ratio 1:1.5:3 (500mmX500mm) = 0.375 Cu.mtr   0.75     1   Concreting ratio 1:1.5:3 (500mmX500mm) = 0.375 Cu.mtr   0.75     2   201008   900mmc0mms0mm using 40mm BHG metal with all tabor and material except stay set, stay wire, stay insulator.   1     3   200017   Installation of Earth Pit, Charccal, Salt RC Including construction 1:3:5 size (   No.   7     4   Supply and Erection of GI Fencing with Gata.<	37	601000262	Danger plate 11ky	<u> </u>	201 2	I No I	2	• •
39     Structure Numbering and Marking     Ltr     C       911     501000298     File Colour Paint for numbering     Ltr     1       A     Total Cost of materials     1     1       B     Stock, Storage & Insurance Le 3% of A     1     1       C     Sub Total (A+B)     Sub Total (A+B)     0     0       D     Contigency @ 3% of C     C     1     1       E     Contigency @ 3% of C     C     1     1       G     Contigency @ 3% of C     C     1     1       G     Contigency @ 3% of C     C     1     1     1       G     Contigency @ 3% of C     C     1		301000202	Name niste					
19.1   S01000298   Yellow Colour Paint for Background   Ltr   1     19.1   S01000296   Black Colour Paint for numbering   Ltr   1     A		001000010						
19.11   501000296   Black Colour Paint for numbering   Ltr   1     A   Total Cost of materials     B   Stock, Storage & Insurance te 3% of A     C   Sub Total (A+B)     D   Contigency @ 3% of C     E   Contigency @ 3% of C     F   Contigency @ 3% of C     G   F     G   F     G   Erection Charges @ 50% of T/Breaker/WPB/H-Pole     H   Erection Charges @ 20% of PSC pole-Not to be used for 33kv     J   Sum of (C to 1)     Clinit and Services Works   Sum of (C to 1)     Clinit and Services Works   Sum of (C to 1)     Clinit and Services Works   Sum of C to 1)     Clinit and Services Works   Sum of C to 1)     Clinit and Services Works   Sum of C to 1)     1   Concreting ratio 1:1.5:3 (500mmX500mm) sig 40mm BHG metal with all labor and material except stay set, stay insulator   No.   2     2   201003   Supply and Erection of GI Fencing with Gate   Sqmtr.   20     3   200017   Installation of Earth Pit, Charcoal, Salt BtC, Including construction of Mo.   7   7     4   Supply and Erection of		501000298	Yellow Colour Paint for Background			ltr		
A   Total Cost of materials     B   Stock, Storage & Insurance. i.e 3% of A     C   Stock, Storage & Insurance. i.e 3% of A     D   Contigency @ 3% of C     E   Total Cost of materials     C   Sub Total (APB)     D   Contigency @ 3% of C     F   Transportation @ 7.5% of C     G   Erection Charges @ 10% of C (except Triffigiaker/NVPB/ H-Pole     H   Erection Charges @ 10% of C (except Triffigiaker/NVPB/ H-Pole     H   Erection Charges @ 20% of PSC pole- Not be used for 38kv     J   Concreting ratio 1:1.5:3 (500mmX500mmX1500mm) = 0.375 Cu.mlr   Cu.mtr   0.75     2   201008   900mmK600mmx90mm Busing dAmm BHG metal with all labor and material except stay set, stay wire, stay insulator.   No.   2     3   200017   Installation of Earth Pit, Charcoal, Sait Bit Circluding construction of No.   7   7     4   Supply and Erection of GI Fencing with Gate.   Sqmtr.   20   20     K   Total Civil & Services   Sub Total (L+K)   7     Q   Other overheads (Including 6% supervision charges) of L   27, N     N   Other overheads (Including 6% supervision charges) of L   27, N	39.ii			238 23.00			_	· · · · · · · · · · · · · · · · · · ·
B   Stock, Storage & Insurance Le 3% of A     C   Sub Total (A+B)     D   Contigency @ 3% of C     E   Tools & Plants @ 2% of C     F   Tools & Plants @ 2% of C     F   Erection Charges @ 5% on Tri/Breaker/WPB/ H-Pole     H   Erection Charges @ 5% on Tri/Breaker/WPB/ H-Pole     H   Erection Charges @ 5% on Tri/Breaker/WPB/ H-Pole     I   Erection Charges @ 50% of PSC pole- Not to be used for 33kv     J   Concreting ratio 1:1.5:3 (500mmX500mmX1500mm) = 0.375 Cu.mtr   Cu.mtr   0.75     1   Concreting ratio 1:1.5:3 (500mmX500mm) = 0.375 Cu.mtr   No.   2     2   201008   Fixing of stay set with 0.5Cum cement concrete foundation 1:3:6 size ( 900mmx600mmy.900mm) using 40mm BHG metal with all labor and material except stay set, stay wire, stay insulator.   No.   2     3   200017   Installation of Earth Pit, Charcoal, Salt #E Thcluding construction of earthing charmber (Size: 2x2) and RCC 3IBC cover   No.   7     4   Supply and Erection of GI Fencing with Gate   Sqmtr.   20     K   Total Civil & Sorvices   Total Civil & Sorvices     M   Other overheads (Including 6% supervision charges) of L   27, N     M   Other overheads			<u> </u>					* * * * .
C   Sub Total (A+B)     D   Contigency @ 3% of C     E   Tools & Plants @ 2% of C     F   Erection Charges @ 10% of C (except Tr/Bristker/WPB/H-Pole)     H   Erection Charges @ 10% of C (except Tr/Bristker/WPB/H-Pole)     I   Erection Charges @ 20% of PSC pole- Not to be used for 33kv     J   Sum of (C to 1)     Crivil and Services Works   Sum of (C to 1)     1   Concreting ratio 1:1.5:3 (500mmX1500mm) = 0.375 Cu.mtr   Cu.mtr   0.75     2   201008   Fixing of stay set with 0.5Cum cement concrete foundation 1:3:6 size ( 900mmx600mmx900mm) using 40mm BHG metal with all labor and material except stay set, stay wire, stay insulator.   No.   2     3   200017   Installation of Earth Pit Charcoal, Sall Et fincluding constructing of earthing chamber (Size 2x2') and RCC 3iB cover   No.   7     4   Supply and Erection of GI Fencing with Gate.   Sqmtr.   20     K   Conter overheads (Including 6% supervision charges) of L   27, N     Q   Total GST @ 18% of (N)   Cz, Final decision by electrical inspector     Q   Inspection Fee of Transformer (S0KVA)   Sub Total (L+M)     Q   Inspection Fee of Drawing Checking and Approval     T   Final dec								
D   Contigency @ 3% of C     E   Tools & Plants @ 2% of C     F   Iransportation @ 7.5% of C     G   Erection Charges @ 10% of C (except Triffgreaker/WPB/ H-Pole     H   Erection Charges @ 20% of PSC pole- Not to be used for 33kv     J   Erection Charges @ 20% of PSC pole- Not to be used for 33kv     J   Sum of (C to i)     Concreting ratio 1:1.5:3 (500mmX500mmX1500mm) = 0.375 Cu.mtr   Cu.mtr   0.75     2   201008   Fixing of stay set with 0.5Cum cement concrete foundation 1:3:6 size (material except stay set, stay insulator   No.   2     3   200017   Instaliation of Earth Pit, Charcoal, Salt Bit TimeUnding construction of No.   7     4   Supply and Erection of GI Fencing with Gate   Sqmtr.   20     K   Total Civit & Services   Total Civit & Services     L   Other overheads (Including 6% supervision charges) of L   27,     A   Supply and Erection of GI Fencing with Gate   Sqmtr.   20     K   Total Civit & Services (NO)   Total Civit & Services (NO)   27,     A   Supply and Erection of GI Fencing with Gate   Sqmtr.   20     K   Total Civit & Services (NO)   Total Civit & Servic	C				·····			
E   Tools & Plants @ 2% of C     F   Iransportation @ 7.5% of C     G   Erection Charges @ 5% of T/Breaker/WPB/ H-Pole     H   Erection Charges @ 20% of C (except Tr/Btraker/WPB/ H-Pole     I   Erection Charges @ 20% of PSC pole- Not to be used for 33kv     J   Sum of (C to I)     Civil and Services Works   Sum of (C to I)     Fixing of stay set with 0.5Cum cement concrete foundation 1:3:6 size ( 900mmx600mmx900mm) using 40mm BHG metal with all labor and material except stay set, stay wire, stay insulator.   No.   2     3   200017   Installation of Earth Pit, Charcoal, Salt BtC fincluding construction of earthing charmber (Size: 2X2) and RCC BtB cover   No.   7     4   Supply and Erection of GI Fencing with Gate   Sqmtr.   20     K   Total Civil & Sorvices   Total (J+K)     M   Other overheads (Including 6% supervision charges) of L   27,     N   Sub Total (L+M)   Gross Total Material +Services (N+O)     Q   1   Inspection Fee of Transformer (S0kVA)   Earthing Charber (S0kVA)     R   Inspection Fee of Transformer (S0kVA)   Earth PR (N)     Q   Inspection Fee of Transformer (S0kVA)   Earth PR (N)     Q   Inspection Fee of Transf					*-	Cor		
F   Iransportation @ 7.5% of C     G   Iransportation @ 7.5% of C     G   Erection Charges @ 5% on Tri/Breaker/WPB/I H-Pole     I   Erection Charges @ 20% of PSC pole-Not to be used for 33kv     J   Sum of (C to 1)     Civil and Services Works     1   Concreting ratio 1:1.5:3 (500mmX500mm) = 0.375 Cu.mtr   Cu.mtr   0.75     2   201008   900mmx600mmx900mm Jusing 40mm BHG metal with all labor and material except stay set, stay wire, stay insulator   No.   2     3   200017   Installation of Earth Pit, Charcoal, Salt etc, fincluding construction of and material except stay set, stay wire, stay insulator   No.   7     4   Supply and Erection of GI Fencing with Gate.   Sqmtr.   20     K   Total (J+K)   Total (J+K)     M   Other overheads (Including 6% supervision charges) of L   27, N     Q   Inspection Fee of Transformer (50xVA)   20     R   Inspection Fee of Transformer (50xVA)   27     N   Gross Total Material +Services (N+O)   10     Q   Inspection Fee of Transformer (50xVA)   27/thead is a start of the start of the start of thead start of the start of thead start of the star	E		· · · · · · · · · · · · · · · · · · ·					
G   Erection Charges @ 5% on Trf/Breaker/WPB/ H-Pole     H   Erection Charges @ 10% of C (except Trf/Breaker/WPB/ H-Pole/HT stay set/PSC Pole)     J	F				المراجع			·····
H   Erection Charges @ 10% of C (except Tr//Bieleker/WPB/ H-Pole/HT stay set/PSC Pole)     1   Erection Charges @ 20% of PSC pole- Not to be used for 33kv     J   Sum of (C to I)     Civil and Services Works-     1   Concreting ratio 1:1.5:3 (500mmX500mmX1500mm) = 0.375 Cu.mtr   Cu.mtr   0.75     2   201008   Fixing of stay set with 0.5Cum cement concrete foundation 1:3:6 size ( 900mmx600mmx900mm) using 40mm BHG metal with all labor and material except stay set, stay wire, stay insulator.   No.   2     3   200017   Installation of Earth Pit, Charcoal, Sall ElC Tricluding construction of earthing chamber (Size: 2x2) and RCC 3I85 cover   No.   7     4   Supply and Erection of GI Fencing with Gate.   Sqmtr.   20     K   Total Civil & Sorvices   Instal (L+M)     Q   Other overheads (Including 6% supervision charges) of L   27, N     M   Gross Total Material +Services (N+O)   Q     Q   Inspection Fee of Transformer (Solk A to 250KVA)     R   Inspection Fee of Drawing Checking and Approval     T   Inspection Fee of Drawing Checking and Approval     T   Inspection Fee of Drawing Checking and Approval     T   Inspection Fee of Drawing Checking and Approval <tr< td=""><td>G</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr<>	G							
J   Sum of (C to i)     Civil and Services Works   Sum of (C to i)     1   Concreting ratio 1:1.5:3 (500mmX500mmX1500mm) = 0.375 Cu.mtr   Cu.mtr   0.75     2   201008   900mmx600mmy using 40mm BHG metal with all labor and material except stay set, stay wire, stay insulator   No.   2     3   200017   Installation of Earth Pit, Charcoal, Salt Pit, ficluding construction of earthing charnber (Size: 2*2') and RCC \$185 cover   No.   7     4   Supply and Erection of GI Fencing with Gate.   Sqmtr.   20     K   Total Civil & Sorvices   Total (J+K)     M   Other overheads ( Including 6% supervision charges) of L   27, N     N   Sub Total Civil & Sorvices (N+O)   Total GST @ 18% of (N)     P   Gross Total Material +Services (N+O)   Inspection Fee of Transformer (S0kVA to 250KVA)     R   Inspection Fee of Transformer (S0kVA to 250KVA)   Total Civil and Approval     S   Inspection Fee of LV Cable   Inspection Fee of LV Cable     S   Total Gross Total Material, Services and Inspector Fees (P+Q+R+S+T)   568,1	Н		Erection Charges	@ 10% of C (e				
Givil and Services Works     1   Concreting ratio 1:1.5:3 (500mmX500mmX1500mm) = 0.375 Cu.mtr   Cu.mtr   0.75     2   201008   900mmx600mmys00mm) using 40mm BHG metal with all labor and material except stay set, stay insulator   No.   2     3   200017   Installation of Earth Pit, Charcoal, Salt etc. ficulding construction of earthing chamber (Size: 2'x2') and RCC stab cover   No.   7     4   Supply and Erection of GI Fencing with Gate.   Sqmtr.   20     K	1							
1   Concreting ratio 1:1.5.3 (500mmX500mmX1500mm) = 0.375 Cu.mtr   Cu.mtr   0.75     2   201008   Fixing of stay set with 0.5Cum cement concrete foundation 1:3:6 size ( 900mmx600mmy900mm) using 40mm BHG metal with all labor and material except stay set , stay wire , stay insulator   No.   2     3   200017   Installation of Earth Pit, Charcoal, Salt etc Including construction of earthing chamber (Size: 2x2) and RCC StaB cover   No.   7     4   Supply and Erection of GI Fencing with Gate   Sqmtr.   20     K	J						Sum of (C to I)	
2   201008   Fixing of stay set with 0.5Cum cement concrete foundation 1:3:6 size ( 900mmx600mmx900mm) using 40mm BHG metal with all labor and material except stay set, stay wire, stay insulator.   No.   2     3   200017   Installation of Earth Pit, Charcoal, Salt etc. Including construction of earthing chamber (Size: 2'x2') and RCC stab cover   No.   7     4   Supply and Erection of GI Fencing with Gate   Sqmtr.   20     K	_			Civil and Ser	vices Works		· · · · · · · · · · · · · · · · · · ·	
2   201008   900mmx600mmx900mm) using 40mm BHG metal with all labor and material except stay set, stay wire, stay insulator.   No.   2     3   200017   Installation of Earth Pit, Charcoal, Salt etc, including construction of earthing chamber (Size: 2'x2') and RCC Stab cover   No.   7     4   Supply and Erection of GI Fencing with Gate   Sgmtr.   20     K	1		Concreting ratio 1:1.5:3 (500mmX500r	mmX1500mm)	= 0.375 Cu.mtr	Cu.mtr	0.75	
3   200017   earthing chamber (Size: 2'x2') and RCC stab cover   No.   /     4   Supply and Erection of GI Fencing with Gate   Sqmtr.   20     K   Total Civil & Services   Instruction of GI Fencing with Gate   Sqmtr.   20     K   Total Civil & Services   Total (J+K)   Instruction of GI Fencing with Gate   Sqmtr.   20     K   Total Civil & Services   Total (J+K)   Total (J+K)   Instruction of GI Fencing with Gate   Sqmtr.   20     K   Total Civil & Services   Total (J+K)   Total (J+K)   Instruction of GI Fencing with Gate   Sqmtr.   20     M   Other overheads (Including 6% supervision charges) of L   27, Sub Total (L+M)   Instruction Charges) of L   27, N     O   Total GST @ 18% of (N)   Total GST @ 18% of (N)   Final Gast @ 18% of (N)   P     Q   Inspection Fee of Transformer (50kVA to 250kVA)   Inspection Fee of LV Cable   S     S   Inspection Fee of Drawing Checking and Approval   Inspection Fee of Drawing Checking and Approval   S     T   Inspection Fee of Cores and Inspector Fees (P+Q+R+S+T)   568,1   S   S   S     U   Inspection Fees (P+Q+R	2	201008	900mmx600mmx900mm) using 40mm	n BHG metal w			2	
K   Total Civil & Services     L   Total (J+K)     M   Other overheads (Including 6% supervision charges) of L   27,     N   Sub Total (L+M)   27,     O   Total GST @ 18% of (N)   18% of (N)     P   Gross Total Material + Services (N+O)   27,     Q   Inspection Fee of Transformer (50kVA to 250kVA)   1     R   Inspection Fee of Drawing Checking and Approval   1     T   Gross Total Material, Services and Inspector   568,1     U   Gross Total Material, Services and Inspector   568,1	3	200017			construction of		7	
L Gross Total Material, Services and Inspection Fees (P+Q+R+S+T) 568,1	4		Supply and Erection of GI Fencing with	h Gate	an a	Sqmtr.	20	
L   Total (J+K)     M   Other overheads (Including 6% supervision charges) of L   27,     N   Sub Total (L+M)   0     O   Total GST @ 18% of (N)   0     P   Gross Total Material +Services (N+O)   0     Q   Inspection Fee of Transformer (50kVA to 250kVA)   0     R   Inspection Fee of Drawing Checking and Approval     S   Inspection Fee of Drawing Checking and Approval     T   Gross Total Material, Services and Inspector     U   Gross Total Material, Services and Inspection Fees (P+Q+R+S+T)	κ					Tot:	al Civil & Services	
M   Other overheads (Including 6% supervision charges) of L   27,     N   Sub Total (L+M)     O   Total GST @ 18% of (N)     P   Gross Total Material +Services (N+O)     Q   Inspection Fee of Transformer (50kVA to 250KVA)     R   Inspection Fee of Drawing Checking and Approval     S   Inspection Fee of Drawing Checking and Approval     T   Gross Total Material, Services and Inspector     U   Gross Total Material, Services and Inspection Fees (P+Q+R+S+T)	L			And the second second	198-197 an 1997 C			
N   Sub Total (L+M)     O   Total GST @ 18% of (N)     P   Gross Total Material +Services (N+O)     Q   Inspection Fee of Transformer (50kVA to 250kVA)     R   Inspection Fee of Drawing Checking and Approval     S   Inspection Fee of Drawing Checking and Approval     T   Gross Total Material, Services and Inspector     U   Gross Total Material, Services and Inspection Fees (P+Q+R+S+T)	М			Ot	her overheads ( Inc	luding 6% super	rision charges) of L	27,198.84
O   Total GST @ 18% of (N)     P   Gross Total Material +Services (N+O)     Q   Inspection Fee of Transformer (50kVA to 250KVA)     R   Inspection Fee of Drawing Checking and Approval     S   Inspection Fee of Drawing Checking and Approval     T   Gross Total Material, Services and Inspector     U   Gross Total Material, Services and Inspection Fees (P+Q+R+S+T)	Ν			and in the second s	1. <b>1</b> . <b>1</b>			
P   Gross Total Material +Services (N+O)     Q   Inspection Fee of Transformer (50kVA to 250KVA)     R   Inspection Fee of LV Cable     S   Inspection Fee of Drawing Checking and Approval     T   Final decision by electrical Inspector     U   Gross Total Material, Services and Inspection Fees (P+Q+R+S+T)     568,1	0		•		A HERE AND AND A HERE AND A	Total	GST @ 18% of (N)	
Q   Inspection Fee of Transformer (50kVA to 250KVA)     R   Inspection Fee of LV Cable     S   Inspection Fee of Drawing Checking and Approval     T   Final decision by electrical Inspector     U   Gross Total Material, Services and Inspection Fees (P+Q+R+S+T)     568,1	P				Gro	oss Total Materia	I +Services (N+O)	
S Inspection Fee of Drawing Checking and Approval   T Inspection Fee of Drawing Checking and Approval   T Image: Services and Inspection Fees (P+Q+R+S+T)   Gross Total Material, Services and Inspection Fees (P+Q+R+S+T) 568,1	Q				Inspection Fee	e of Transformer (	50kVA to 250KVA)	***
T Final decision by electrical Inspector   U Gross Total Material, Services and Inspection Fees (P+Q+R+S+T)	R			0. <b>1.</b>	The Base	Inspectio	on Fee of LV Cable	• 02 · 2 · 2 · 2 · 2 · 2
U Gross Total Material, Services and Inspection Fees (P+Q+R+S+T) 568,1	S			ter find.				
and an	Т			ų.	a 12 11 -	Final decision by	electrical Inspector	
1993年2月1日 - 1995年1月1日 - 1995年1月10日 - 1995年1月10日 - 1995年1月10日 - 1995年1月100000000000000000000000000000000000	U			Gross Total N	laterial, Services a	and Inspection F	ees (P+Q+R+S+T)	568,180.14
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-	h	11kV I ing I anoth with the same	- 55 00				
	<u> </u>	11kV Line Length with 50 Mir. Spen usin No. of DP required With AB Switch	g 55 SQ,MM, ÇAA	A Conductor			
		(Ref. Drawing No TPCODL)			1		
	T	MATERIALS OF DP Wit	h AB Switch*				
SI. No.	SAP Code		Quantity	No. of DP	Ţ	Total	
	801000220		for 1 No's Dp	Requirment	Unit Rate	Quantity	Tota Amoui
2	601000329	PSC POLE 9 METER LONG 300 KG Pole Clamp	2	1	<u>-</u>	2	
3	601000704	Top Channel 100X50X6mm, 9.56 KG/Mtr each changel longth 3	8	1		8	
_		1000, 400 S Channel required = $(2x9.56x3)$	57.36	.1		57.36	
4	601000679	Fish Plate 50x6 mm., 2.36 kg/Mtr., each 0.280 mtr. length, 6 no's required = (6x2.36x0.280)	3.96.3	1		2 0848	
5	601001267	AB switch Mounting Channel 75X40X4 8mm 7 14KG the next	3.96	<u>↓</u>		3.9648	
		channel length 3 Mtr., 2 no's channel required =( 7.1433x2)	42.84	1 1		42.84	
6	601000704	AB Switch Side Support Channel 100X50X6mm 9 58 KC Min	<u> </u>	┝╼───-			
.,	001000704	channel lengti 0.35 mtr., 2 no's channel required =( 9.58x2x0.35)	6.69	1		6.692	
7	601001267	Channel Support for down Pipe 75X40X 4 8mm 7 14KC 44		┝────┓ - ┟			
, I		channel length 0.8 Mtr., 1 no's channel required =( 7.14xG/Mtr., each	5.71	1	j.	5.712	_
	60100000	Double Pole Belting Channel 75X40X 4.8mm., 7.14KG/Mtr., each	· · · · · · · · · · · · · · · · · · ·				
8	601001267	channel length 3 0 Mtr., 2 no's channel required =(7./14x3x2)	42.84	1		42.84	
9	601000000	50x50x6mm.Gt Bracing Angle, 4.5Kg./mtr., each angle length 3.512				72.04	
	601000689	(100, 2  nos angle required =  (4.5x3.512x2)	-31.61	.1		31.608	<u> </u>
10	601000262	Danger Plate, 2 no's	2				
11	601000685	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mfr. Flat of 0.510mlr length 2 no's = (2x0.59x0.510)	0.60.		<u> </u>	_ 2	
12	601000154	H.T. Stay clamp, 50x8 mm, flat 3 14Ko/Mtr. 0 551 Mtr. Longth 0	2.00	1		0.6018	<u> </u>
_	[	(10 S QW, (edulled (1 Pair)	A. 12-3	1		2	-14-11-
14	<u>601000154</u>	H T Stay set (Complete ) H T Stay Insulator Type-C	2	1		2	·
15	701000011	7/10 SWG Stay Wire 15kg /stay	30	1		2	
6	601000405	Gi Pipe Earthing 40mm, 3 Mtr. Lono	2	1		30	
7		50x6mm GI Flat for earthing, 2.36kg/mtr. (12.5 Mfr FdFL A 3 Mtr				_ 2	· · · · ·
"		for AB Switch Body, 2.5 mtr. For mesh formation and 2.5 mtr. For raising)= 20.5x2.36	48.38	1	1	48.38	
18	701000016	GI barbed wire anticlimbing device 3 Kg. Per support, 2 no's gtv.					
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	required =(2x3kg)	<b>6</b>	1		6	.'
19	601000685	Back Clamp for anticlimbing device 25X3 mm flat: 0,50Kg/Mtr. Flat of 0.510mtr length 8 no's = (8x0,59x0,510)	2.41	1		2.4072	
20	601000099	Lightning Arrester(12KV, 10KA) (Station Class, class-2)	3.00	.1 _		3	
21	601000731	AB Switch (11KV,400A.3pole,50Hz)	1. 4			1	
22 23		11 KV pin insulator potymer 4 4 4	73			3	
<u>23</u> 24		Disc insulator (B&S) 70 KN polymer	6	1	<b></b>	6	·
25	601001224	PG Clamp for 55 sq.mm AAA conductor	°.e	1		6	
26		GI Nut , Bolt & Washer of different sizes (13.718 Kg each DP with	13,72.	1		13.716	
27	501000296			1		1 2	
28 A	501000298	Yellow Colour Paint for Background	2	1 T	otal Cost of		
B	· · · · · · · · · · · · · · · · · · ·			Stock, Storage	6 Insurance i	e 3% of A	
Ç						tal (A+B)	
D	· · ·	61:1 <del>1</del>	4. • •		Contigency (		
E F				Tran	sportation @	7.5% of C	
G		Erection Charges @ 10% of C	Erect	ion Charges @ ! er/WPB/ H-Pole	5% on <u>Tri/Br</u> /HT stav eet/	eaker/Joist	
<u>H</u> .	·	Erection Unarges @ 10% of U	on Charges @ 209	6 of PSC oole-	Not to be use	ed for 33kv	
<u> </u>		1 Vig				of (C to I)	
<u> </u>		Style & Service:	5 48 48				Tadal
SI.	SAP Code	Description of Materials	Quantity for 1.No's Dp	No. of DP Requirment	Unit Rate	Total Quantity	Total Amount
Vo.		Fixing of complete 11KV line Complete stay set locities 1) Turn	internet a up	Regarmen		quantity	CUNNIL
		Buckle Assembly 2) Stay Rod & Stay plate 3) Stat Replator 4) Stay	1.1.1				
1		Wire 5)Stay clamps with Nuts & bolts BA will do the excitation		1	L	2	
'	1	including excvation, supply of 0.5Cum cement concrete toundation 1 2 4 size ( 500mmx500mmx800mm) using 20mm BHG metal with					
		all abour and material as per TPCODL Drawing & Standard.					
2	<u>                                      </u>	Concreting ratio 1.1.5.3 (500mmX500mmX1500mm) ¥0 375Cu mtr	0.75	1		0 75	
			· · · · · · · · · · · · · · · · · · ·	· _ · · ·			
		Installation of Earth Pit, Charcoal, Salt etc. including construction of		1		2	
3		without about of Cira: 2'42's and DCC sich could der					
3		earthing chamber (Size: 2'x2') and RCC slab cover	<u></u>		Total Chull	2 Samilana	
3 .K		earthing chamber (Size: 2'x2') and RCC slab cover	<u></u>		Total Civil I	Services otal (J+K)	
3		earthing chamber (Size: 2'x2') and RCC slab cover		······································			
3 .K		earthing chamber (Size: 2'x2') and RCC slab cover					
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<u>к</u>		earthing chamber (Size: 2'x2') and RCC slab cover					·

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М		Other overheads ( Inclu	ding 6% supervisio	on charges) of L		AB Switch) Total (L+M)	
N O				···	Total GST @		
ř		Gross	Total Material +	Services (N+O			
							I
		No. of Cut Point with 90 Degree Angle (Ref. Drawing No TPCODL-MVD-0005)	2		4		
		MATERIALS FOR 11 KV Cut Point	with 90 Degree A	ngle			
SI.	040.0-4-		Quantity	No. of Cut		Total	Total
10.	SAP Code		for 1 No's CP	Point	Unit Rate	Quantity	Amount
1	601000329	PSC POLE 9 METER LONG 300 KG (Including 02 Nos of Strut 150X150mm RS joist (10 Mtr long)(34.6kg Per meter) (Each 346kg)	1	4		4	
1	601000656	(Including 02 Nos of Strut pole)	1	0		4	
2	601000625	Pole Clamp	2	4		8	
3	601000704	Straight Cross Arm 100X50X6mm, 9 56 KG/Mtr., each channel	45.89	4	, i	183.552	
		length 1.2 mtr., 4 no's channel required =( 4x9.56x1.2)					
4	601000679	Fish Plate 50x6 mm. 2.36 kg/Mtr., each 0.280 mtr. length, 16 no's required = (16x2.36x0.280)	10.57-	4		42.2912	
	004000704	Straight Cross Arm 100X50X6mm, 9.56 KG/Mtr., each channel	1		i	46.80576	
5		length 0.306 mtr., 4 no's channel required =(4x9.56x0.306)	11.70	4	<u></u>		
6		Danger Plate, 1 no's. Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of	<u> </u>	4		4	
7	601000685	0.510mtr length 1 no's = (1x0.59x0.510)	0.30	4		1.2036	
7		GI barbed wire anticlimbing device 3 Kg. Per support	3	4		12	
8	601000685	Back Clamp for anticlimbing device 25X3 mm. flat; 0;59Kg/Mtr. Flat	1.20	4		4.8144	
		of 0.510mtr length 4 no's = (4x0.59x0.510)					· · · · ·
10 11		11 KV pin insulator polymer	3	4		12	
12	601000123	Disc insulator (B&S) 70 KN polymer	6	. 4		24 24	
13	601000593	Earthing of Support ( Coil Type )		4 ***		4	?
14	70100007	No-8 GI wire (Dia 4.6mm) 0.131 KG/ Mtr 2 Mtr. For connecting pole	0,262	4		1.048	
15		with Coil earthing	6,000	4 -			
		H.T. Stay clamp, 50x8 mm, flat, 3.14Kg/Mtr., 0.551 Mtr. Length, 2				24	
16		no's gty. required (1 Pair)	509 1 12	" <b>4</b>		3	
17		H.T. Stay set (Complete )	····*2	4 ·		3	
18		H.T. Stay Insulator Type-C	2	4		3	• 147
19 20	701000011	7/10 SWG Stay Wire 15kg /stay	- 30	4		45 29.732	
20	501000148	CI Nut, Bolt & Washer of different sizes (7.433 Kg each Cut Pole)	2.114	4		29.132	
22		Yellow Colour Paint for Background	2	4		8	
A		17 - 17 - 17 - 17 - 17 - 17 - 17 - 17 -	st		Total Cost o	<u>f</u> materials	
B C		من المن المن المن المن المن المن المن ال		Stock, Storage		i.e 3% of A otal (A+B)	
D			1		Contigency		<u>.</u>
Ē	· · · · ·				ools & Plants	@ 2% of C	l
F		< e.K.		Tra	nsportation @	7.5% of C	
G			Erect	tion Charges @	5% on Trf/Br	eaker/Joist	<u> </u>
<u>н</u> т		Erection Charges @ 10% of C	ion Charges @ 20	Ker/WPB/H-PO	Not to be us	ed for 33ky	
J	+					n of (C to I)	
	<u> </u>	Civil & Service	S				
SI.	SAP Code	Description of Materials	Quantity	No, of Cut	Unit Rate	Total	Total *
			for 1 No's CP	Point		Quantity	Amount
Vo.	1	Fixing of complete 11KV line Complete stay set includes 1) Turn	and the management				
No.			192				
<u>Vo.</u>		Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay			1	3	
1		Wire, 5)Stay clamps with Nuts & bolts BA will do the excitation		4.			
		Wire 5)Stay clamps with Nuts & bolts BA will do the excvation including excvation, supply of 0.5Cum cement concrete foundation 1.2.4 size ( 500mmx500mmx800mm) using 20mm BHG metal with	······································	4			<b>x</b> • •
		Wire. 5) Stay clamps with Nuts & bolts BA will do the excvation including excvation, supply of 0.5Cum cement concrete foundation 1.2.4 size ( 500mmx500mmx800mm) using 20mm BHG metal with all labour and material as per TPCODL Drawing & Standard		4			••••
		Wire. 5)Stay clamps with Nuts & bolts BA will do the excitation including excitation, supply of 0.5Cum cement concrete foundation 1:2:4 size (500mmx500mmx800mm) using 20mm BHG metal with all tabour and material as per TPCODL Drawing & Standard Concreting ratio 1:1:5:3 (500mmX500mmX1500mm).≼ 0.375 Cu.mtr		6	·	2.3	····
I		Wire. 5)Stay clamps with Nuts & bolts BA will do the excitation including exception, supply of 0.5Cum cement concrete foundation 1.2.4 size (500mmx500mmx800mm) using 20mm BHG metal with all labour and material as per TPCODL Drawing & Standard Concreting ratio 1:1.5.3 (500mmX500mmX1500mm).= 0.375 Cu.mtr (includind strut pole)	0.38	6	n Total Civil	& Services	
ו 2 ג		Wire. 5)Stay clamps with Nuts & bolts BA will do the excitation including excitation, supply of 0.5Cum cement concrete foundation 1.2.4 size (500mmx500mmx800mm) using 20mm BHG metal with all tabour and material as per TPCODL Drawing & Standard Concreting ratio 1:1.5.3 (500mmX500mmX1500mm).=0.375 Cu.mtr (including strut pole)	0.38			& Services Total (J+K)	
1 2 K L		Wire. 5)Stay clamps with Nuts & bolts BA will do the excitation including exception, supply of 0.5Cum cement concrete foundation 1.2.4 size (500mmx500mmx800mm) using 20mm BHG metal with all labour and material as per TPCODL Drawing & Standard Concreting ratio 1:1.5.3 (500mmX500mmX1500mm).= 0.375 Cu.mtr (includind strut pole)	0.38		nt with 90 De	& Services Total (J+K)	
1 2 K L N		Wire. 5)Stay clamps with Nuts & bolts BA will do the excivation including excivation, supply of 0.5Cum cement concrete foundation 1.2.4 size (500mmx500mmx800mm) using 20mm BHG metal with all tabour and material as per TPCODL Drawing & Stagdard Concreting ratio 1:1.5:3 (500mmX500mmX1500mm).= 0.375 Cu.mtr (including strut pole)	0.38 n charges) of L (for	11 KV Cut Pol	nt with 90 De Sub 1 Total GST @	& Services Total (J+K) gree Angle) Total (L+M) 18% of (N)	
1 2 K L		Wire. 5)Stay clamps with Nuts & bolts BA will do the excitation including excitation, supply of 0.5Cum cement concrete foundation 1.2.4 size (500mmx500mmx800mm) using 20mm BHG metal with all tabour and material as per TPCODL Drawing & Standard Concreting ratio 1:1.5.3 (500mmX500mmX1500mm).=0.375 Cu.mtr (including strut pole)	0.38 n charges) of L (for	11 KV Cut Pol	nt with 90 De Sub 1 Total GST @	& Services Total (J+K) gree Angle) Total (L+M) 18% of (N)	
1 2 K L M 0		Wire. 5)Stay clamps with Nuts & bolts BA will do the excivation including excavation, supply of 0.5Cum cement concrete foundation 1.2.4 size ( 500mmx500mmx800mm) using 20mm BHG metal with all tabour and material as per TPCOLL Drawing & Stagdard Concreting ratio 1:1.5.3 (500mmX500mmX1500mm). ≼ 0.375 Cu mtr (includind strut pole)	0,38 n charges) of L (for prvices (N+O) for	11 KV Cut Pol	nt with 90 De Sub 1 Total GST @	& Services Total (J+K) gree Angle) Total (L+M) 18% of (N)	
1 2 K L M 0		Wire. 5)Stay clamps with Nuts & bolts BA will do the excivation including excivation, supply of 0.5Cum cement concrete foundation 1.2.4 size (500mmx500mmx800mm) using 20mm BHG metal with all tabour and material as per TPCODL Drawing & Stagdard Concreting ratio 1:1.5.3 (500mm×500mm×1500mm) = 0.375 Cu.mtr (includind strut pole)	0.38 n charges) of L (for	11 KV Cut Pol	nt with 90 De Sub 1 Total GST @	& Services Total (J+K) gree Angle) Total (L+M) 18% of (N)	
1 2 K L M 0		Wire. 5) Stay clamps with Nuts & bolts BA will do the excivation including excivation, supply of 0.5Cum cement concrete foundation 1.2.4 size (500mmx500mmx800mm) using 20mm BHG metal with all labour and material as per TPCODL Drawing & Standard Concreting ratio 1:1.5.3 (500mmX500mmX1500mm) = 0.375 Cu.mtr (includind strut pole)	0.38 n charges) of L (for prvices (N+O) for	11 KV Cut Pol	nt with 90 De Sub 1 Total GST @ ht with 90 De	& Services Total (J+K) gree Angle) Total (L+M) 18% of (N)	
1 2 K L M 0 P		Wire. 5)Stay clamps with Nuts & bolts BA will do the excivation including excivation, supply of 0.5Cum cement concrete foundation 1.2.4 size ( 500mmx500mmx800mm) using 20mm BHG metal with all tabour and material as per TPCODL Drawing & Standard Concreting ratio 1:1.5.3 (500mm×500mm×1500mm). ≤ 0.375 Cu mtr (includind strut pole)     Concreting ratio 1:1.5.3 (500mm×500mm×1500mm×1500mm). ≤ 0.375 Cu mtr (includind strut pole)     Concreting ratio 1:1.5.3 (500mm×500mm×1500mm). ≤ 0.375 Cu mtr (includind strut pole)     Concreting ratio 1:1.5.3 (500mm×500mm×1500mm). ≤ 0.375 Cu mtr (includind strut pole)     Concreting ratio 1:1.5.3 (S00mm×500mm×1500mm). ≤ 0.375 Cu mtr (includind strut pole)     Concreting ratio 1:1.5.3 (S00mm×500mm×1500mm). ≤ 0.375 Cu mtr (includind strut pole)     Concreting ratio 1:1.5.3 (S00mm×500mm×1500mm×1500mm). ≤ 0.375 Cu mtr (includind strut pole)     Concreting ratio 1:1.5.3 (S00mm×500mm×1500mm×1500mm×1500mm). ≤ 0.375 Cu mtr (including strut pole)     Concreting ratio 1:1.5.3 (S00mm×500mm×15	0,38 n charges) of L (for prvices (N+O) for Points With WPB Quantity	11 KV Cut Pol	nt with 90 De Sub 1 Total GST @ t with 90 De 0.7	& Services Total (J+K) gree Angle) Total (L+M) 18% of (N)	
2 K L M P P	SAP Code	Wire. 5)Stay clamps with Nuts & bolts BA will do the excivation including exception, supply of 0.5Cum cement concrete foundation 1.2.4 size (500mmx500mmx800mm) using 20mm BHG metal with all tabour and material as per TPCODL Drawing & Standard Concreting ratio 1.1.5.3 (500mmX500mmX1500mm).=0.375 Cu.mtr (includind strut pole)	0.38 n charges) of L (for prvices (N+O) for	11 KV Cut Pol 11 KV Cut Polr For Circuit Km	nt with 90 De Sub 1 Total GST @ ht with 90 De	& Services Total (J+K) gree Angle) fotal (L+M) 18% of (N) gree Angle Total Quantity	
1 2 K L M 0 P		Wire. 5)Stay clamps with Nuts & bolts BA will do the excivation including excivation, supply of 0.5Cum cement concrete foundation 1.2.4 size ( 500mmx500mmx800mm) using 20mm BHG metal with all tabour and material as per TPCODL Drawing & Standard Concreting ratio 1:1.5.3 (500mm×500mm×1500mm). ≤ 0.375 Cu mtr (includind strut pole)     Concreting ratio 1:1.5.3 (500mm×500mm×1500mm×1500mm). ≤ 0.375 Cu mtr (includind strut pole)     Concreting ratio 1:1.5.3 (500mm×500mm×1500mm). ≤ 0.375 Cu mtr (includind strut pole)     Concreting ratio 1:1.5.3 (500mm×500mm×1500mm). ≤ 0.375 Cu mtr (includind strut pole)     Concreting ratio 1:1.5.3 (S00mm×500mm×1500mm). ≤ 0.375 Cu mtr (includind strut pole)     Concreting ratio 1:1.5.3 (S00mm×500mm×1500mm). ≤ 0.375 Cu mtr (includind strut pole)     Concreting ratio 1:1.5.3 (S00mm×500mm×1500mm×1500mm). ≤ 0.375 Cu mtr (includind strut pole)     Concreting ratio 1:1.5.3 (S00mm×500mm×1500mm×1500mm×1500mm). ≤ 0.375 Cu mtr (including strut pole)     Concreting ratio 1:1.5.3 (S00mm×500mm×15	0,38 n charges) of L (for prvices (N+O) for Points With WPB Quantity	11 KV Cut Pol	nt with 90 De Sub 1 Total GST @ t with 90 De 0.7	& Services Total (J+K) gree Angle) Total (L+M) 18% of (N) gree Angle	Total

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2	601000625	GI Back Clamp for V cross arm (11KV) ( 0.85 kg each)	16	0.7	11	
3		11 KV V cross Arm (10.2 K.g. each)	16	07	<b>11</b>	
4		Top bracket 100x50X6 mm GI channel (2kg each)	16 16	0.7	11	
5	1	Danger Plate, 1 no's for each pole Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of	10 *	0.7	11	
6	601000685	0.510 mtr length 1 no's = (1x0.59x0.510)	4.81	0.7	3.31	
7	701000016	GI barbed wire anticlimbing device 3 Kg. Per support	48	07	33.00	
8	601000685	Back Clamp for anticlimbing device 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 4 no's = (4x0.59x0.510)	19 26	0.7	13.24	
9		11 KV pin insulator polymer, 3 Nos. required for each support Earthing of Support ( Coil Type )	48	0.7	33	1
11	701000007	No-8 GI wire (Dia 4.6mm) 0.131 KG/ Mtr 2 Mtr. For connecting pole	4.192	0.7	2.88	
12		with Coil earthing GLNut, Bolt & Washer of different sizes (1.45 Kg/ Pin Point)	23	0.7	15.95	
13		55 mm2 AAAC	3.09	0.7	2.16	
14		Crimping type Midspan Compression Joint for 55 sg.mm AAA	3	0.7		
15	501000296	Black Paint	16	0.7	10.0	
16	501000298	Yellow Colour Paint for Background	32	0.7	12.0	1
A_	·				Total Cost of materials	]
B-		······································		Stock, Storag	e & Insurance i.e 3% of A	
		2 ¥3		• · · · · · · · · · · · · · · · · · · ·	Sub Total (A+B)	
					Contigency @ 3% of C ools & Plants @ 2% of C	—4
F	<u>† ·</u>				nsportation @ 7.5% of C	
G	<u> </u>		Erection Cha		Trl/Breaker/WPB/ H-Pole	
Н		Erection Charges @ 10% of C				
<u> </u>		Erectic	on Charges @ 20	% of PSC pole	- Not to be used for 33kv	
J					Sum of (C to I)	
	r · ·	Civil & Services		·····	1	
1 К		Concreting ratio 1:1.5:3 (500mmX500mmX1500mm) = 0.375 Cu.mtr	6.00	1	6,500.00 1.88	
h	· · · · · ·			Total	Total Civil & Services Material+Services (I+K)	
M	1	Other overheads ( Including 6	% supervision cl	arges) (for 11	(V Pin Points With WPB)	
N					Sub Total (L+M)	
0					Total GST @ 18% of (N)	
Р		Gross Total Mat	terial +Services	(N+O) for 11 K	V Pin Points With WPB	
	L	6% Supervision Charges	C	I		
1	T	Other overheads (Including		abaraas) of L (fe	r DD Mithout AD Switch)	
2	1	Other overheads ( Including )				
3		Other overheads (Including 6% supervision c				'
4		Other overheads ( Including 6% supervision				
5		Other overheads ( Including 6	% supervision ch		A	
<b></b>	L	ner uet		Total (6	% supervision charges)	47,815.24
L_		- Gross Total Summ				
$\frac{1}{2}$	<b>_</b>				or DP Without AB Switch ) for DP With AB Switch	
- 3-	· · · · · · ·	Gross Total Material +Se				
4					int with 90 Degree Angle	
5					KV Pin Points With WPB	
Q	1				T) - Rs. 200 for 1st 5 km.	200.00
R		Inspec			) - Rs. 30/ Additional Km	1
S		1.7v	Inspection		Checking and Approval	
L.		0 T-1-1	Matarial Com		on by electrical Inspector tion Fees (P+Q+R+S+T)	997,888.44
U		Gross Iotal	material, Servio	es ano inspec	DOIL LES (LA CALLES LES LES LES	337,000.44
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FormNo.1

#### **TENDER FORM**

(Construction Of 11 KV Line with Installation Of 100 Kva 11/4kv S/S Towards Power Supply Of 55 Kw Load (On MI Tariff)for Maa Durga Bamboo Foundation, Bamboo Craft Cluster, Odagaon, Nayagarh)

Tender Form is issued to: - 27.01.2025 Date of issue of tender form: - 10.02.2025

Hallohababa

Signature of issuing authority

Terms and Conditions:

- 1- The minimum turnover of the bidder firm for the last year (2023-24) should be Rs.50.00 lakhs with last 3 years completion certificates of Electric contract activities.
- 2- The bidder firm should have minimum three-year experience in working on electrical work with TPCODL or equivalent Government department.
- 3- The Bidder should be empaneled agency/contractor under TPCODL list.
- 4- The tender should be submitted in the prescribed tender form.
- 5- The tender forms can be obtained from S.P. FOUNDATION, At-Guhalapada, P.O. Nimapada, District-Puri, Odisha, and PIN-752106 on any working day from Dt. 27.01.2025 to Dt. 10.02.2025 between 10.00am to 05.00pm by depositing an amount of Rs.500 /- (Tender fees Non-refundable).
- 6- Tender form should be deposited along with Bid and the earnest money of Rs.30, 000/- at above address on or before 05:00 pm of Dt. 10.02.2025.Earnest money can be paid through DD purchased in favor of S. P. FOUNDATION. The tender received will be opened before the technical committee on Dt.12.02.2025.Exempted bidder should submit the supporting documents with the tender.
- 7- The bidder firm should submit tender for the whole works. Tender for partly works will not be accepted.
- 8- Earnest money can be forfeited incase of withdrawal of bid or not completing the work.
- **9-** If the work is not found as per specifications or unsatisfactory the payment of whole or equivalent amount can be with held.

10-T.D.S. and other taxes will be deducted as per norms from the payments.

11- Chairman, S.P. FOUNDATION, Puri District has reserved the right to accept the bid partially/in full or may reject any or all the bids without assigning any reason thereof.

- 12- The total approved estimated cost for Construction Of 11 KV Line with Installation Of 100 Kva 11/4kv S/S Towards Power Supply Of 55 Kw Load (On Mt Tariff)at Bamboo craft cluster maximum budget provisioned for the activity is Rs.17,57,662.48/-.Thus, financial bid of tendered firm should not exceed the maximum limit approved.
- 13- The maximum time frame given for completion of construction is 3months.

The detailed work estimates as given above in Annexure I.

# **Declaration: -**

I do hereby agree to a bid by all the terms and conditions mentioned above.

(Signature of the authorized person/proprietor/agency)

Name: Designation: Name of firm: Phone/Mob: EmailId:

Sealofthefirm:

Form No.2

# **TENDER FORM**

# Construction Of 11 KV Line with Installation Of 100 Kva 11/4kv S/S Towards Power Supply Of 55 Kw Load (On MI Tariff)for Maa Durga Bamboo Foundation, Bamboo Craft Cluster, Odagaon, Nayagarh)

Tender Form issued to: -\_\_\_\_\_

Date of issue of tender form: -

40.110hababa

Signature of issuing authority

#### **Details of firm/agency**

- 1. Name of Firm/Agency:
- 2. Registered Address of Firm/Agency:
- 3. Name & Phone No. of co-coordinator/contactperson:
- 4. Type of Firm/Agency:
- 5. Registration No.:
- 6. License No of TPCODL:
- 7. Year of Commencement of work of the Firm/Agency:
- 8. Turnover of Firm/Agency for the year (2023-24):
- 9. Details of Human resources:(Manpower with the firm/Agency)
- 10. PAN/ServiceTaxNo. of the Firm/Agency: (Please enclose photocopy)
- 11. Description of activities done by: Firm/Agency in past (Please enclose copies of work order/photographs should not be less than the rank of Executive Engineer/ Engineer TPCODL orequivalent thereof)
- 12. Action plan for present activity
- 13. Other details,(If any):

# Miscellaneous: -

- 1. The minimum turnover of last year (2023-24) of the Bidder Firm/Agency should beRs.50.00 Lakhs.
- 2. The Bidder Firm will submit plan for the tender activities.
- 3. A demand draft of Rs.30, 000.00 (Rupees Thirty Thousand only) will is enclosed with the bid as earnest money. The draft will be in favor of S.P. FOUNDATION. Exempted bidder should submit the supporting documents.

- 4.Balance Sheet prepared by charted Accounts for the last three years will invariably be been enclosed along with bid.
- 5.Copy of up-to date license copy as TPCODL empaneled contractor/ agency.
- 6. Copies of Income Tax returns for the last three years will be enclosed with bid.
- 7. Copy of PAN/Service Tax Registration Certificate will be enclosed with bid.
- 8. The profile and following details of bidder firm/agency along with photograph, paper cutting, copy of work order and last 3 years completion certificates of construction activities will be submitted as under: -

Year (2019-20 to 2021-22)	Details of construction Projects executed	Duration	Name of party for Whom project executed

- 9. Details of earnest money
- D.D. No.:
- Date:
- Amount:
- Name of the issuing bank:

9. Even, if the Tender Form is downloaded from the IED, ODISHA website and SP Foundation Website an amount of Rs. 30,000/- in favor of **S.P. FOUNDATION** is essential to be deposited. The details of such amount: -

1. D.D.No.

2. Date:

3. Amount:

4. Name of the issuing bank:

# **Declaration: -**

I hereby declare that the information given in the bid is true and correct and I hereby accept all the terms and conditions.

Place: Date:

Signature of the authorized person

Name: Designation: Name of firm & address: Phone / Mobile No.: EmailId:

Sealofthefirm:

Form No.3

#### **TENDER FORM**

# Construction Of 11 KV Line with Installation Of 100 Kva 11/4kv S/S Towards Power Supply Of 55 Kw Load (On MI Tariff)for Maa Durga Bamboo Foundation, Bamboo Craft Cluster, Odagaon, Nayagarh)

Tender Form issued to:

Date of issue of tender form:

Hillohapato

Signature of issuing authority

#### Financialcost

SlNo	Construction Of 11 KV Line with Installation Of 100 Kva 11/4kv S/S Towards Power Supply Of 55 Kw Load (On Mt Tariff)	AmountQuoted (Inclusive of GST)	PercentageofHighor less
1	PART- A Installation of 100 KVA 11/4 KV DP mounted S/S over 9 mtr long 300 kg. PSC = 01 No		
2	PART-B- Construction of 11 KV 3 03W line using 55 mm2 AAAC=0.7 km		

#### Total amount in words: -

Place:

Date:

Signature of the authorized person Name: Designation: Name of firm & address: Phone / MobileNo.: EmailId:

Sealofthefirm:

Form No. 4

#### **TENDER FORM**

(Construction Of 11 KV Line with Installation Of 100 Kva 11/4kv S/S Towards Power Supply Of 55 Kw Load (On MI Tariff) for Maa Durga Bamboo Foundation, Bamboo Craft Cluster, Odagaon, Nayagarh)

Tender Form issued to: -

Date of issue of tender form: -

40.110hababa

Signature of issuing authority

Name of work: Construction Of 11 KV Line with Installation Of 100 Kva 11/4kv S/S Towards Power Supply Of 55 Kw Load (On MI Tariff)for Maa Durga Bamboo Foundation, Bamboo Craft Cluster, Odagaon, Nayagarh)

Work Plan

S.No	Description of work	Timeline (from the date of Issuance of Contract)
1	Full work	Bye end of Three months

Note: Thus, the total time for completion of construction will not exceed 3 months from date of issuance of contract

# 1. Mode of payment:

- Payment will be released as per the scheduled quantity executed. The measurement will be done by Electrical Engineer and certified by Executive Engineer/ any equivalent officer of TPCODL.
- Payment will be released after statutory reduction of tax component as per Government of Odisha notification.
- 5% of the security deposit will be released one year after satisfactory competition of the work.

**ANNEXURE** (Detail Bills of quantity)