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





Regd. No. Date.







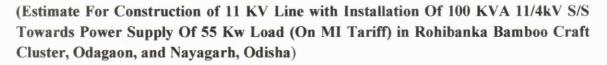


o 🕜 💟 S.P. Foundation

Ref. No. 04 SPF/2023-24

Date. 20-05-023

TENDER NOTICE



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.3.6.2023. Tenders received will be opened before the Technical Committee of the proposed work on Dt. 05.06.2023 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. 21.05.2023 to Dt.03.06.2023 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

Gallahahahri 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 03W 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
Total cost							1,91,593.48

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

PART -A Installation of 100KVA, 11/.4 KV DP mounted S/S over 9mtr long 300Kg. PSC =01 No PART-B: Construction of 11KV 30 3W line using 55mm2 AAAC=0.7Km. 6% S.C) 2 3W line using 55mm2 47,815.24 8,606.74 56,48 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8			1966 <u>4</u> 1966 1966			
Name of the Sub-Division: NAYAGARH Name of the Sub-Division: Odagaon-I Estimate for construction of 11KV line with installation of 10 fulf-AKV S/S towards power supply of 55KW load (on Mil Tari 11/AKV S/S towards power supply of 55KW load (on Mil		TP CEN	TRAL ODISHA DIS	TRIBUTION LTD		
Name of the Sub-Division: Nayagarh		Name of the Division	NAYAGARH ELE	CTDICAL DIVISIO		Da <u>te:</u>
Scope of work: Scope of work: Scope of work: All materials to be procured as per standard TPCODL specifications. All materials to be procured as per TPCODL spacing during construction of 11KV line with installation of 10 for construction of 11KV line with installation of 10 for construction of 55KW load (on MI Tari the Bamboo Craft Cluster of S.P Foundation, O.C. Chairman Swetaparna Roy Mohapatra, site at-Rohibanka, DistNayaga under Electrical Section		Name of the Sub-Division :	- Nayagarh	CINICAL DIVISIO	JN, NATAGARI	r1
Name of the Work: Name of the Work:		Name of the Section :	- Odagaon-I			·
Scope of work: Scope of work: AAAC=0.7Km.(Using 9 Nos of 9mtr. Long 300Kg. PSC pole & Nos of 150x150mm RS joist) & Installation of 11KV isolating DP over 9mtr long 300Kg. PSC No No No Struction of 11KV isolating DP over 9mtr long 300Kg. PSC No		Name of the Work :	11/.4KV S/S towa the Bamboo Craf Swetaparna Roy	rds power supply t Cluster of S.P F Mohapatra, site a	y of 55KW load oundation, C/C it-Rohibanka, D	(on MI Tariff) to
Load Requirement (KVA) 55KW: Supply Voltage LT Names of Schemes: - 6% Deposit work Abstract of Estimate SI. No. Description Gross Amount 6% S.C. 18% GST on 6% S.C. 5.C+18% GST on 6% S.C. 18% GST on 6% S.C. 6% S.C.) PART -A. Installation of 100KVA, 11/.4 KV DP mounted S/S over 9mtr long 300Kg. PSC =01 No der f PART-B: Construction of 11KV 3Φ 3W line using 55mm2 AAAC=0.7Km. Total Estimated cost 7.568,180.14 27,198.84 4,895.79 32,4 4,895.79 32,4 56,4 56,4 56,4 56,4 56,4 56,4 56,4 56		Scope of work:-	PART-B: Constru AAAC=0.7Km.(Us Nos of 150x150mi & Installation of 1	PSC =01 No ction of 11KV 3d ing 9 Nos of 9mt n RS joist)	9 3W line using r. Long 300Kg.	3 55mm2 PSC pole & 10
Load Requirement (KVA) 55KW: Supply Voltage LT Names of Schemes: - 6% Deposit work Abstract of Estimate SI. No. Description Gross Amount 6% S.C. 18% GST on 6% S.C. 6% S.C.) PART -A. Installation of 100KVA, 11/.4 KV DP mounted S/S over 9mtr long 300Kg. PSC =01 No der 6 PART-B: Construction of 11KV 3Φ 3W line using 55mm2 AAAC=0.7Km. Total Estimated cost 7.568,180.14 27,198.84 4,895.79 32,4 4,895.79 32,5 6,6 8,7 6,7 6,7 6,7 6,7 6,7 6,7 6,7 6,7 6,7 6		Type of Scheme	New Service conn	ection		
Names of Schemes: - 6% Deposit work Abstract of Estimate SI. No. Description PART -A. Installation of 100KVA, 117.4 KV DP mounted S/S over 9mtr long 300Kg. PSC = 01 No depretor of 11KV 3Φ 3W line using 55mm2 AAAC=0.7Km. PART-B: Construction of 11KV 3Φ 4 4.895.79 Total Estimated cost Total Estimated cost Total Estimated cost Total amount Rs. 84,680.00 to be deposited by party (Eighty Four Thousand Six Hundred & Eighty) or NOTE All materials to be procured as per standard TPCODL specifications. All equipments to be installed as per TPCODL standard drawings and guidelines. Necessary clearances must be taken from Concern in-charge before work execution. Any ROW issues arising during construction of line shall be taken care by Party ; Before and after Cha		Load Requirement (KVA)	55KW:::			
SI. No. Description Description PART - A: Installation of 100KVA, 11/.4 KV DP mounted S/S over 9mtr long 300Kg. PSC = 01 No PART-B: Construction of 11KV 3Φ 3W line using 55mm2 AAAC=0.7 Km. Total Estimated cost Total Estimated cost Total amount Rs. 84,680.00 to be deposited by party (Eighty Four Thousand Six Hundred & Eighty) or NOTE Abstract of Estimate 6% S.C 18% GST on 6% S.C 5.C+18% GST on 6% S.C 6% S.C) Total Solve		Supply Voltage	LT			
Si. No. Description Gross Amount 6% S.C 18% GST on 6% S.C S.C+18% (6% S.C) PART -A. Installation of 100KVA, 11/.4 KV DP mounted S/S over 9mtr long 300Kg. PSC =01 No PART-B: Construction of 11KV 30 3W line using 55mm2 AAAC=0.7 Km. Total Estimated cost Total Estimated cost Total amount Rs. 84,680.00 to be deposited by party (Eighty Four Thousand Six Hundred & Eighty) on NOTE All materials to be procured as per standard TPCODL specifications. All materials to be installed as per TPCODL standard drawings and guidelines. Necessary clearances must be taken from Concern in-charge before work execution. Any ROW issues arising during construction of line shall be taken care by Party , Before and after Cha		Names of Schemes: -	6% Deposit work			
PART -A Installation of 100KVA, 11/.4 KV DP mounted S/S over 9mtr long 300Kg. PSC =01 No PART -B: Construction of 11KV 3Φ 3W line using 55mm2 AAAC=0.7Km. Total Estimated cost 1566068.58 75014.08 13502.53 88 Total amount Rs. 84,680.00 to be deposited by party (Eighty Four Thousand Six Hundred & Eighty) or NOTE All materials to be procured as per standard TPCODL specifications. All materials to be installed as per TPCODL standard drawings and guidelines. Necessary clearances must be taken from Concern in-charge before work execution. Any ROW issues arising during construction of line shall be taken care by Party ; Before and after Cha			Abstract of Estir	nate		
PART -A: Installation of 100KVA, 11/.4 KV DP mounted S/S over 9mtr long 300Kg. PSC =01 No PART-B: Construction of 11KV 3Φ 3W line using 55mm2 AAAC=0.7Km. Total Estimated cost 9 f 4566068.58 7,5014.08 13502.53 88 Total amount Rs. 84,680.00 to be deposited by party (Eighty Four Thousand Six Hundred & Eighty) or NOTE 8. All materials to be procured as per standard TPCODL specifications. All materials to be installed as per TPCODL standard drawings and guidelines. Necessary clearances must be taken from Concern in-charge before work execution. Any ROW issues arising during construction of line shall be taken care by Party; Before and after Cha	SI. No.	Description	Gross Amount			S.C+18% GST or
PART-B: Construction of 11KV 30 3W line using 55mm2 AAAC=0.7Km. Total Estimated cost Total amount Rs. 84,680.00 to be deposited by party (Eighty Four Thousand Six Hundred & Eighty) of the NOTE All materials to be procured as per standard TPCODL specifications. All equipments to be installed as per TPCODL standard drawings and guidelines. Necessary clearances must be taken from Concern in-charge before work execution. Any ROW issues arising during construction of line shall be taken care by Party , Before and after Cha	1	11/.4 KV DP mounted S/S over	568,180.14	27,198.84		
Total Estimated cost 1566068.58 75014.08 13502.53 88 Total amount Rs. 84,680.00 to be deposited by party (Eighty Four Thousand Six Hundred & Eighty) or	2	3W line using 55mm2	17 597,888.44	it no 47,815.24	8,606.74	56,421.99
NOTE		Total Estimated cost	, f 4566068.58	7,5014.08	13502.53	88516.62
. All materials to be procured as per standard TPCODL specifications. 2. All equipments to be installed as per TPCODL standard drawings and guidelines. 3. Necessary clearances must be taken from Concern in-charge before work execution. 4. Any ROW issues arising during construction of line shall be taken care by Party , Before and after Cha	Total	amount Rs. 84,680.00 to be depor	sited by party (Eigl	nty Four Thousar	nd Six Hundred	& Eighty) only.
. All materials to be procured as per standard TPCODL specifications. 3. All equipments to be installed as per TPCODL standard drawings and guidelines. 4. Necessary clearances must be taken from Concern in-charge before work execution. 4. Any ROW issues arising during construction of line shall be taken care by Party , Before and after Cha	NOTE			tion		
AND	2. All equ 3. Neces 1. Any R	uipments to be installed as per TPC sary clearances must be taken from OW issues arising during construc	ard TPCODL speci CODL stàndard dra n Concern in-charg tion of line shall be	wings and guide ge before work ex e taken care by P	recution.	nd after Charging.

į, k i

Menager (Elect.)
NED, Nayagarh

· bgfgre v

y fage m

raviale

生型ではま *

						l
ŧ,						
<u> </u>	 					
	 	M				
		No. of DP Mounted DSS (Ref. Drawing No TPCODL)				L
	 -	MATERIALS FOR DP Mou			1	<i>I</i>
SI. No.	SAP Code		nted DSS	T		
140.	<u> </u>	Description of Materials	Unit	Unit Rate	Total	Total
1	601000330	SUPPLY OF FOLLOWING EQUIPMENT & MA	TERIALO		Quantity	Amount
2	601000529	PSC POLE 9 METER LONG 300 KG Pole Clamp	No			
3	601000704	Top Channel GI 100 X 50 X 6 MM (2000	EA	 	14	- 2-2-3
		No's.) (Each 2x3.000x9.56= 57.36 Kg) (9.56Kg./Mtr, 2	Kg		57	<u> </u>
4	601000679	Fish Plate 50x6 mm., 2.36 kg/Mtr., each 0.280 mtr. length, 6 no's required = (6x2.36x0.280)	 -	 	37	
5	601001267	M.U Channel GI 75x40x4 8 mm (3000	KG		4	
_		(Each 2x3.000x7.14= 42.84 Kg)	Kg		43	- ,
6	601001267	AB Switch Mounting Channel 75x40x4.8 mm Gl Channel (3000 mm long)(7.14Kg./Mtr. 2 No's) (Each 3x6.000 mm	+			
T		= 103.7 (Cach 2x3.000x7 14= 42.84 Kg)	Kg		43	
7	601001267	AB Switch Side Support Channel 100X50X6mm,9.56 KG/Mtr., each channel length 0.35 mtr., 2 note shows 100X50X6mm,9.56 KG/Mtr., each				
-+		= (9.56x2x0.35)	Kg		7	
8 6	601001267	Channel Support for down Pipe 75X40X 4.8mm., 7.14KG/Mtr., each	- 100 miles 1			
╌┼╴		= 7 14v0 8v1)	Kg -	9-4	6	in the "
9 (601001267	HG/ DO Fuse Mounting Channel 75x40x4.8 mm GI Channel (3000 mm	 			
_		(Each 2x3.000x7.14= 42.84 Km) (C.A.	Kg		43	
0 6	301001267	Cantilever Support Channel 75x40x4.8 mm Gl Channel (810 mm long,2 No's.) (7.14Kg./Mtr., 2 No's.) (Each 2x0.810x7.14= 11.57 Kg)	Kg		12	
1 6	il assonotori	Cantilever Support Angle 50 X 50 X 6MM.GI (1282 mm long)			12	<u> </u>
-+`	!'	(4.5Kg./Witr, 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	01000704	(9.56Kg./Mtr, 2 No's.) (Each 2x3.000x9.56=37.36 Kg) Transformer Base Support GI Channel 100 X 50 X 6 MM (515 mm long)	l '\g	-	57	
3 (!	(9.56Kg./Mtr, 2 No's) (Each 2x0.515x9.56#9285Kg)	Kg		10	
4 6	601000689	Transformer Belting Angle 50 X 50 X 6MM GI (3000 mm	Kg		27	
5 E	01000689	long)(4.5Kg./Mtr, 2 No's) (Each 2x3.0x4,5 Kg) Transformer Belting Support Angle 50 X 50 X 6MM GI (580 mm		·		1.5
3 (, , , , , ,	ong)(4.5Kg./Mtr,2 No's) (Each 2x0.580x4,5=Kg)	Kg	-	5	
6 6	01000689	LTDB Mounting Angle 50 X 50 X 6MM GJ.(1000 mm long)(4.5Kg./Mtr, 2	Kg		9	
7 .	1	No's) (Each 2x1x4.5 Kg) Back Clamp for danger Plate 25X3 mm/(late 0.59Kg/Mtr. Flat 0.6p. +-				
7 6	701000000	0.510mtr length 2 no's (Each 2x0.59x0.510)	Kg		1	
		50x6mm GI Flat for earthing, 2.36kg/mtr., (2.5x7 mtr. For mest- formation, 12 Mtr. For LA and 2.5 mtr. For falsing, 11 mtr for AB switch,				
8 6	301000679	formation, 12 Mitr. For LA and 2.5 mtr. For falsing, 11 mtr for AB'switch, 2.8 mtr for HG Fuse, 5x2 mtr. for DTR Notral∰(1.3+4.5) mtr. ≒6ò∴DTR	кĠ		155	
`	ļi	Body, 0.500 mtr for LTDB & AB Switch operating handle, 3 mitrofor,			,,,,	
		Fencing) (Each 65.6x 2.36= 154.81 Kg)				· · · · · · · · · · · · · · · · · · ·
		100 KVA , 11/ 0.4 KV (AL) Transformer BIS Energy level II LT Distribution Box with MCCB, Aluminlum Busbar of single Bay with kit	Nos		1	
:0 6		kat fuse for 100 KVA S/S	Nos.		1	
1 4		55mm2 All Alloy Aluminum Conductor (AAAQ) - PVC Insulated (50 Mtr. Each Dtr.)	Kui		0	
2 4	101000982	4 Cx 150 mm2 LT XLPE Cable(Armoured) FOR 100 KVA Tri. (4)	Mtr		15	
3	101000036	AB Switch(11KV,200A.3pole,50Hz)	Set.	<u> </u>	1	
4 (01000104	1.0.1 030(17.17.2007.01 0.0)	Set No		6	-
$\frac{5}{6}$	501000181	Disc insulator (B&S)70 KN polymer	No No		3	
7 (501000296	H W fitting (B&S)70KN(3bolted)	Set		3	
		LIGHTHING ATTESTED 12NV. TUNAL STATUT GIASS 2	Nos.		3	.,.
0 (501000585	HT stay set complete	Set		2	-
1 (301000154	HT stay Clamp (1.9Kg/pair)	Pair		2	440.00
		HT stay insulator TYPE-C 7/10 SWG GI stay wire, Grade -2 (15Kg// Set)	No Kg		30	
		40 mm Nominal bore GI pipe (medium gauge) earthing device with 3 mtr	No		7	
		Long GI Nuts & Bolts of Assorted size (25 Kg/PD\$5 DP)	1.			
		GI Nuts & Bolts of Assorted size (25 Kg/908 DP) GI Barbed wire/Anticlimbing device (3Kg/908)	Kg Kg		25 6	

T at w

, 1 (4

			<u>(</u> -					•
	•		1-2-1					
				200				
37	601000262	Danger plate 11kv	110		No		2	
38	301000878	Name plate	7.76		_No		1 .	
39		Structure Numbering and Marking	yales §	1.7				-
39.i		Yellow Colour Paint for Background	44		Ltr		2	•3
39.ii	501000296	Black Colour Paint for numbering	4,000	1 1114	Ltr		1	
A						Total Cost of materia		
В			15 3.5		Stock, Storage	e & Insurance i.e 3% of		
C			107 107			Sub Total (A+		
D.				*	· - ·	Contigency @ 3% of		
E						ools & Plants @ 2% of		
F						insportation @ 7.5% of		
H			- 10V - 10V	Erection Charg	es @ 5% on	rf/Breaker/WPB/ H-Po	e	
		Erection Charges				le/HT stay set/PSC Pol		
			Erection	1 Charges @ 20%	or PSC pole	- Not to be used for 33l		
۲			Civil and Sor	vices Works		Sum of (C to	1)]	
1		Concreting ratio 1:1.5:3 (500mmX500r			Cu.mtr	0.75	1	<u> </u>
	·	(000)		, 0.0,000	Od.ma	0.73	 	
2	201008	Fixing of stay set with 0.5Cum cement 900mmx600mmx900mm) using 40mm material except stay set, stay wire, st	ı BHG metal v ay inşulator	vith all labor and	No.	2):
3	200017	Installation of Earth Pit, Charcoal, Sal earthing chamber (Size: 2'x2') and RC		g construction of	No.	7		
4		Supply and Erection of GI Fencing with	Gate	The second of th	Sqmtr.	20		
Κ						Total Civil & Service	s	
L			Marie Mr.	Time star and a control of the		Total (J+K	0	
М			O	ther overheads (I	ncluding 6% s	supervision charges) of		27,198.84
N			ad complete	Sa Astronomy		Sub Total (L+N	1)	
0		,	April - Apple	イールック(で <mark>の数)、東</mark> ルク ・		Total GST @ 18% of (N		
Р			- AND COLLEGE	G. C.		aterial +Services (N+C		Ţ
Q					ee of Transfo	rmer (50kVA to 250KVA	<u>)</u>	
R			0.00	The state of the s		pection Fee of LV Cabl		_
S			7-50 %	Inspection F		Checking and Approve		
T			ř.	1 2 4 to 3 to	Final decisi	on by electrical Inspecto	r	
U			Gross Total M	Material, Services	and Inspect	tion Fees (P+Q+R+S+1) 56	68,180.14

A TO SERVICE TO SEE TO WALLER OF THE STREET

9 (19)

10.15 F

-		31 (X 4.					
		11kV Line Length with 50 Mtr. Span using	g 55 SQ.MM. SAA	A Conductor			
		NO. Of UP required With AR Switch	***				
	·	(Ref. Drawing No TPCODL)			1		¥.
		MATERIALS OF DP With	h AB Switch				
SI.	SAP Code	Description of Materials	Quantity	No -6 00	T -	T	
No.		Description of materials	for 1 No's Dp	No. of DP Requirment	Unit Rate	Total	Total
1	601000329	PSC POLE 9 METER LONG 300 KG		Requirment		Quantity	Amount
2	601000625	Pole Clamp	2	1		2	
3	601000704	Top Channel 100X50X6mm, 9.56 KG/Mtr., each channel length 3	8	 1		8	
<u> </u>		Intr., 4 no s channel required =/ 2xq 56x3\	57.36°	1		57.36	
4	601000679	Fish Plate 50x6 mm., 2.36 kg/Mtr., each 0.280 mtr. longth, 6 note.	 	 -i -	 	57.50	
		required = (6x2,36x0,280)	3.96] 1	į .	3.9648	
5	601001267	AB switch Mounting Channel 75X40X4.8mm, 7.14KG/Mtr, each	1 2	 	 	 	
		channel length 3 Mtr., 2 no's channel required =(7.1433x2)	42.84	1 1	1 .	42.84	
			33.2		ļ		
6	601000704	AB Switch Side Support Channel 100X50X6mm,9.58 KG/Mtr., each channel length 0.35 mtr., 2 no's channel required = (9.58x2x0.35)	8 60	i .			
- }			6.69	1	i .	6.692	
7	601001267	Channel Support for down Pipe 75X40X 4.8mm., 7.14KG/Mtr., each		 -			
		channel length 0.8 Mtr., 1 no's channel required =(7.14x0.8x1)	5.71	1	1.	5.712	
- [
8	601001267	Double Pole Belting Channel 75X40X 4.8mm., 7.14KG/Mtr., each	المما	'			
_		orialine length 3.0 Mtr., 2 no's channel required =('7./14x3x2)	42.84	1		42.84	
9	601000689	50x50x6mm.Gt Bracing Angle, 4.5Kg./mtr., each argic length 3.512	171 200				
_1	I'	(iiii., 2 nos angle required = (4.5x3.512y2)	-31.61.	.1	Ţ	31.608	
10	601000262	Danger Plate, 2 no's.				31.000	
- 1	SO LOODER !	Back Clamp for danger Plate 25X3 mm flat 0.50Kg/MF Flat of	2			2	
		0.5 further length 2 no s = (2x0.59x0.510)	0.60.	1		0.6018	· · · · · · · · · · · · · · · · · · ·
12	801000154	H. I. Stay clamp, 50x8 mm, flat, 3 14Kg/Mir, 0 551 Mtr. Length, 3	2.60			3.5010	
		IOS Qty. regulred (1 Pair)	641 12-3	1		2	19731
13 i	01000585	H.T. Stay set (Complete)	2	1			
15	701000154	H.T. Stay Insulator Type-C	2	1		2 2	
16	801000011 /	7/10 SWG Stay Wire 15kg /stay Gi Pipe Earthing 40mm. 3 Mtr. Long	30	1	-27-27	30	
<u>~</u> +	001000405	50x6mm GI Flat for earthing, 2.36kg/mtr., (12.5 Mtr. For L.A, 3 Mtr	2	1		2	
17	601000679	for AB Switch Body, 2.5 mtr. For mesh formation and 2.5 mtr. For	ALSO L	,			
	ו	raising)= 20.5x2.36	48:38	ì	i	48.38	
		GI barbed wire anticlimbing device 3 Kg. Per support, 2 no's qty.					
18	701000016	required =(2x3kq)	4.6	1	1	6	· i
		Back Clamp for anticlimbing device 25X3 mm flat; Q sokg/Mtr. Flat	197 Strain 1986				
1_	(of 0.510mtr length 8 no's = (8x0,59x0,510)	3.41	1	1	2.4072	
20	601 0000 99	Lightning Arrester(12KV,10KA) (Station Class.class-2)	3,00.	.1 -		3	
21	6010007 <u>31</u> [/	AB Switch (11KV,400A.3pole,50Hz)	1. 4	1		1	-
		11 KV pin insulator polymer	73	1	_ 1	3	
		H W fitting(B&S) 70KN, 3Bolt	6	1 -		6	
24	001000123	Disc insulator (B&S) 70 KN polymer	6	1		6	
25 26	501001224 501000128	PG Clamp for 55 sq.mm AAA conductor GI Nut , Bolt & Washer of different sizes (13.718 Kg each OP with	13,72.	1		6	
	501000148		13.72.	1		13.716	
		Yellow Colour Paint for Background	2 .	1			· · · · · · · · · · · · · · · · · · ·
A	00.000200	- Grown Constant Cons			Total Cost of	materials	
Ĝ †		W Mark	water of	Stock, Storage			_ ^
Ç		mgg or "	3.0. <u>3</u>		Sub To	tal (A+B)	
D		61:16	1.		Contigency (
E		, i (AND THE THE		ols & Plants (
Ĕ↓			Trans	ion Charges @	sportation @		 :
유		Erection Charges @ 10% of C)
*			on Charges @ 209				
╁		1 1/4	7 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			of (C to I)	
		Services	4886				A Digit of
SI.			Quantity	No. of DP	Unit Rate	Total	Total
No.	SAP Code	Description of Materials	ford: No's Dp	Requirment	Own Vare	Quantity	Amount
Ť		Fixing of complete 11KV line Complete stay set Includes 1) Turn	at any other party and the				
ļ		Buckle Assembly 2) Stay Rod & Stay plate 3) Stay (130 listor 4) Stay	1 \$1,24	ļ		ļ	
1		Wire. 5)Stay clamps with Nuts & bolts BA will do the excvation		1		2	
'		including excvation, supply of 0.5Cum cement concrete foundation	1 - 1		1		
		1 2 4 size (500mmx500mmx800mm) using 20mm 8HG metal with		l	İ	ĺ	
		all labour and material as per TPCODL Drawing & Standard.					
		Concreting ratio 1.1.5.3 (500mmX500mmX1500mm) ¥0 375Cu mtr	0.76	1		0 75	
2			· · · · · · · · · · · · · · · · · · ·				
2							
		Installation of Earth Pit, Charcoal, Salt etc including construction of	2	1		2	1
3		Installation of Earth Pit, Charcoal, Salt etc including construction of earthing chamber (Size: 2'x2') and RCC slab cover		1			
		Installation of Earth Pit, Charcoal, Salt etc including construction of earthing chamber (Size: 2'x2') and RCC slab cover	2	1	Total Civil &		

2.64

М		Other overheads (Include	ting 6% superview	n charnoe\ of I	(for DP With	AB Switch)	
N		Outer overneads (micros	A o to subcivisio	Granges/ Of L	Sub	Total (L+M)	
0					Total GST @	18% of (N)	
Р		Gross	Total Material +	Services (N+O)			
		- 4			L		
		No. of Cut Point with 90 Degree Angle			4		
		(Ref. Drawing No TPCODL-MVD-0005) MATERIALS FOR 11 KV Cut Point	with Of Dogram	nale			
SI.	i		Quantity	No. of Cut	 	Total	Total
No.	SAP Code	Description of Materials	for f No's CP	Point	Unit Rate	Quantity	Amount
	601000329	PSC POLE 9 METER LONG 300 KG (Including 02 Nos of Strut	1	4	 	4	
1		150X150mm RS joist (10 Mtr long)(34.6kg Per meter) (Each 346kg)	1	0		4	
		(Including 02 Nos of Strut pole)					
2	601000625		2	4		8	
3	601000704	Straight Cross Arm 100X50X6mm, 9.56 KG/Mtr., each channel length 1.2 mtr., 4 no's channel required =(4x9.56x1.2)	45.89	4	,	183.552	
4	601000679	Fish Plate 50x6 mm., 2.36 kg/Mtr., each 0.280 mtr. length, 16 no's required = (16x7.36x0.280)	10.57-	4		42.2912	
5		Straight Cross Arm 100X50X6mm, 9.56 KG/Mtr., each channel length 0.306 mtr., 4 no's channel required =(4x9.56x0.306)	11.70	4		46.80576	
6		Danger Plate, 1 no's.	. 1	4	 	4	
		Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of					· · · · · · · · · · · · · · · · · · ·
7	60100065	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		Back Clamp for anticlimbing device 25X3 mm. flat; 0,99Kg/Mtr. Flat of 0.510mtr length 4 no's = (4x0.59x0.510)	1.20	4		4.8144	
_		11 KV pin insulator polymer	3.	4	1	12	
		H W fitting(B&S) 70KN, 3Bolt	6.	. 4		24	
		Disc insulator (8&S) 70 KN polymer	**************************************	A 15	<u> </u>	24	
		Earthing of Support (Coil Type) No-8 GI wire (Dia 4.6mm) 0.131 KG/ Mtr 2 Mtr. For connecting pole		·4 ···	-	4	
4		with Coil earthing	0.262	4 .	٠.	1.048	
5		PG Clamp for 55 sq.mm AM conductor	·· 6.000	4		24	······································
- 1		H.T. Stay clamp, 50x8 mm. flat, 3.14Kg/Mtr., 0.551 Mtr. Length, 2	The state of the s				74-71
1	001000154	no's qty. required (1 Pair)	fog: 7.12×5.	" 4		3	
		H.T. Stay set (Complete)	n. m. 42	4 ·		3	
		H.T. Stay Insulator Type-C	2	4		3	114
19	/01000011	7/10 SWG Stay Wire 15kg /stay —	30	4		45	
20 21	501000148	CI Nut , Bolt & Washer of different sizes (7.433 Kg each Cut Pole)	7.43 -	4		29.732	·
22		Yellow Colour Paint for Background	2	4		8	· · ·
Á	.,0,,000230	Tellow Colodi Fallit for Backglound	<u> </u>		Total Cost of		
B		A - 20-12 - 20-20-20 - 20-20 - 20-20 - 20-20 - 20-20 - 20-20 - 20-20 - 20-20 - 20-20 - 20-20 - 20-20 - 20-20 -	11,	Stock, Storage			_
c		197 306			Sub T	otal (A+B)	·=====================================
D					Contigency		
E					ools & Plants		
늰		5. 1.76	Eros	ion Charges @			
G H		Erection Charges @ 10% of C	(except Trt/Break	er/WPB/ H-Pol	e/HT slay set	/PSC pole)	_
7		Erection charges of 10 x 3 x	on Charges @ 20	% of PSC pole-	Not to be us	ed for 33kv	
J		,	- T-U		Sun	of (C to I)	
			Contractor Contractor			i di to to iji	
_		Civil & Service					
SI.	SAP Code	The state of the s	Quantity	No. of Cut	Unit Rate	Total	Total
	SAP Code	Description of Materials Fixing of complete 11KV line Complete stay set includes 1) Turn		No. of Cut Point			Total Amount
	SAP Code	Description of Materials Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay	Quantity for 1 No's CP			Total	
Vo.	SAP Code	Description of Materials Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay Wire 5) Stay clamps with Nuts & bolts BA will do the exception	Quantity for 1 No's CP			Total	
	SAP Code	Description of Materials Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay Wire 5)Stay clamps with Nuts & bolts BA will do the exception	Quantity for 1 No's CP			Total 'Quantity	
No.	SAP Code	Description of Materials Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay 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	Quantity for 1 No's CP			Total 'Quantity	
No.	SAP Code	Description of Materials Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay Wire 5)Stay clamps with Nuts & botts 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	Quantity for 1 NO's CP	Point 4		Total Quantity 3	
lo.	SAP Code	Description of Materials Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay 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	Quantity for 1 No's CP		Unit Rate	Total Quantity 3	
lo.	SAP Code	Description of Materials Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay 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 Concreting ratio 1:1.5.3 (500mmX500mmX1500mm).=0.375 Cu.mtr (includind strut pole)	Quantity for 1 NO's CP	Point 4	Unit Rate	Total Quantity 3 2.3 Services	
1 2 K L	SAP Code	Description of Materials Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay Wire 5)Stay clamps with Nuts & botts 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 Concreting ratio 1:1.5.3 (500mmx500mmX1500mm).=0.375 Cu.mtr (includind strut pole)	Quantity for 1 No's CP	Point 4	Unit Rate	Total Quantity 3 2.3 & Services Total (J+K)	
1 2 K L M	SAP Code	Description of Materials Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay 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 Concreting ratio 1:1.5.3 (500mmX500mmX1500mm).=0.375 Cu.mtr (includind strut pole)	Quantity for 1 No's CP	Point 4	Unit Rate	Total Quantity 3 2.3 & Services Total (J+K) gree Angle)	
1 2 K L M N	SAP Code	Description of Materials Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay Wire. 5)Stay clamps with Nuts & bolts BA will do the excvation including exevation, 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.mir (including strut pole) Other overheads (Including 6% supervision	Quantity for 1 No's CP	Point 4 6 11 KV Cut Poi	Unit Rate Total Civil Int with 90 Dec	Total Quantity 3 2.3 Services Total (J+K) Gree Angle) Total (L+M) 18% of (N)	
1 2 K L M N O	SAP Code	Description of Materials Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay Wire. 5)Stay clamps with Nuts & bolts BA will do the excvation including exevation, 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.mir (including strut pole) Other overheads (Including 6% supervision	Quantity for 1 No's CP	Point 4 6 11 KV Cut Poi	Unit Rate Total Civil Int with 90 Dec	Total Quantity 3 2.3 Services Total (J+K) Gree Angle) Total (L+M) 18% of (N)	
1 2 K L M N	SAP Code	Description of Materials Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay Wire 5)Stay clamps with Nuts & botts 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 Concreting ratio 1:1.5.3 (500mmx500mmX1500mm).=0.375 Cu.mtr (includind strut pole)	Quantity for 1 No's CP	Point 4 6 11 KV Cut Poi	Unit Rate Total Civil Int with 90 Dec	Total Quantity 3 2.3 Services Total (J+K) Gree Angle) Total (L+M) 18% of (N)	
2 K L M N O	SAP Code	Description of Materials Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay 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 Concreting ratio 1:1.5:3 (500mmx500mmx1500mm).=0.375 Cu.mtr (including strut pole) Other overheads (Including 6% supervision Gross Total Material +Se	Quantity for 1 No's CP	Point 4 6 11 KV Cut Poi	Unit Rate Total Civil Int with 90 Dec	Total Quantity 3 2.3 Services Total (J+K) Gree Angle) Total (L+M) 18% of (N)	
1 2 K L M N O	SAP Code	Description of Materials Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay Wire. 5)Stay clamps with Nuts & bolts BA will do the excvation including exevation, 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 (including strut pole) Other overheads (Including 6% supervision Gross Total Material +Sec	Quantity for 1 No's CP 0.38 charges) of L (for	Point 4 6 11 KV Cut Poi	Unit Rate Total Civil at with 90 Dec. Sub 1 Total GST @ t with 90 Dec.	Total Quantity 3 2.3 Services Total (J+K) Gree Angle) Total (L+M) 18% of (N)	
2 K L M N O P		Description of Materials Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay Wire. 5)Stay clamps with Nuts & botts 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 Concreting ratio 1:1.5.3 (500mmX500mmX1500mm) = 0.375 Cu.mir (including strut pole) Other overheads (Including 6% supervision Gross Total Material +Second Ref. Drawing No TPCODL-MVD-0003) MATERIALS FOR 11 KV Pin F	Quantity for 1 No's CP 0.38 0.38 charges) of L (for	Point 4 6 11 KV Cut Poi	Unit Rate Total Civil nt with 90 December 1 with 90 December 1 with 90 December 1 0.7	Total Quantity 3 2.3 Services Total (J+K) Gree Angle) Total (L+M) 18% of (N)	
1 2 K L M N O	SAP Code	Description of Materials Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay Wire. 5)Stay clamps with Nuts & botts 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 Concreting ratio 1:1.5.3 (500mmX500mmX1500mm).=0.375 Cu.mit (includind strut pole) Other overheads (Including 6% supervision Gross Total Material +Set 11 KV Line Length In KM with 50 Mtr. Span (Ref. Drawing No TPCODL-MVD-0003) MATERIALS FOR 11 KV Pin F	Quantity for 1 No's CP 0.38 charges) of L (for	For Circuit Km	Unit Rate Total Civil at with 90 Dec. Sub 1 Total GST @ t with 90 Dec.	Total Quantity 3 2.3 Services Total (J+K) gree Angle Total (L+M) 18% of (N) gree Angle	Amount
1 2 K L M N O P	SAP Code 601000329	Description of Materials Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay Wire. 5)Stay clamps with Nuts & botts BA will do the excustion including excustion, 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.mir (includind strut pole) Other overheads (Including 6% supervision Gross Total Material +Se 11 Kv Line Length In KM with 50 Mtr. Span (Ref. Drawing No TPCODL-MVD-0003) MATERIALS FOR 11 KV Pin F Description of Materials PSC POLE 9 METER LONG 300 KG	Quantity for 1 No's CP 0.38 0.38 charges) of L (for vices (N+O) for oints With WPB Quantity for 1 KM Line 18	Point 4 6 11 KV Cut Point For Circuit	Unit Rate Total Civil nt with 90 December 1 with 90 December 1 with 90 December 1 0.7	Total Quantity 3 2.3 & Services Total (J+K) gree Angle) Total (L+M) 18% of (N) gree Angle	Total
Yo. 1 2 K L M N O P	SAP Code 601000329	Description of Materials Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay Wire. 5)Stay clamps with Nuts & botts 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 Concreting ratio 1:1.5.3 (500mmX500mmX1500mm).=0.375 Cu.mtr (including strut pole) Other overheads (Including 6% supervision Gross Total Material +Security Line Length In KM with 50 Mtr. Span (Ref. Drawing No TPCODL-MVD-0003) MATERIALS FOR 11 KV Pin E	Quantity for 1 No's CP 0,38 0,38 charges) of L (for	For Circuit Km	Unit Rate Total Civil nt with 90 December 1 with 90 December 1 with 90 December 1 0.7	Total Quantity 3 2.3 Services Total (J+K) gree Angle Total (L+M) 18% of (N) gree Angle	Total
Z K L M N O P	SAP Code 601000329	Description of Materials Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay Wire. 5)Stay clamps with Nuts & botts BA will do the excustion including excustion, 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.mir (includind strut pole) Other overheads (Including 6% supervision Gross Total Material +Se 11 Kv Line Length In KM with 50 Mtr. Span (Ref. Drawing No TPCODL-MVD-0003) MATERIALS FOR 11 KV Pin F Description of Materials PSC POLE 9 METER LONG 300 KG	Quantity for 1 No's CP 0.38 0.38 charges) of L (for vices (N+O) for oints With WPB Quantity for 1 KM Line 18	For Circuit Km 0.7	Unit Rate Total Civil nt with 90 December 1 with 90 December 1 with 90 December 1 0.7	Total Quantity 3 2.3 8 Services Total (J+K) gree Angle) rotal (L+M) 18% of (N) gree Angle Total Quantity 5	Total
1 2 K L M N O P P SI. No. 1	SAP Code 601000329	Description of Materials Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay Wire. 5)Stay clamps with Nuts & botts BA will do the excustion including excustion, 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.mir (includind strut pole) Other overheads (Including 6% supervision Gross Total Material +Se 11 Kv Line Length In KM with 50 Mtr. Span (Ref. Drawing No TPCODL-MVD-0003) MATERIALS FOR 11 KV Pin F Description of Materials PSC POLE 9 METER LONG 300 KG	Quantity for 1 No's CP 0,38 0,38 charges) of L (for vices (N+O) for oints With WPB Quantity for 1 KM Line 18	For Circuit Km 0.7	Unit Rate Total Civil nt with 90 December 1 with 90 December 1 with 90 December 1 0.7	Total Quantity 3 2.3 8 Services Total (J+K) gree Angle) rotal (L+M) 18% of (N) gree Angle Total Quantity 5	Total
1 2 K L M N O P P SI. No. 1	SAP Code 601000329	Description of Materials Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay Wire. 5)Stay clamps with Nuts & botts BA will do the excvation including exevation. 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.mit (includind strut pole) Other overheads (Including 6% supervision Gross Total Material +Set 11 KV Line Length In KM with 50 Mtr. Span (Ref. Drawing No TPCODL-MVD-0003) MATERIALS FOR 11 KV Pin F Description of Materials PSC POLE 9 METER LONG 300 KG	Quantity for 1 No's CP 0,38 0,38 charges) of L (for vices (N+O) for oints With WPB Quantity for 1 KM Line 18	For Circuit Km 0.7	Unit Rate Total Civil nt with 90 December 1 with 90 December 1 with 90 December 1 0.7	Total Quantity 3 2.3 8 Services Total (J+K) gree Angle) rotal (L+M) 18% of (N) gree Angle Total Quantity 5	Total
Vo. 1 2 K L M N O P	SAP Code 601000329	Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay Wire. 5)Stay clamps with Nuts & botts BA will do the excustion including excustion, 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.mir (includind strut pole) Other overheads (Including 6% supervision Gross Total Material +Se 11 KV Line Length In KM with 50 Mtr. Span (Ref. Drawing No TPCODL-MVD-0003) MATERIALS FOR 11 KV Pin F Description of Materials PSC POLE 9 METER LONG 300 KG 150X150mm RS joist (10 Mtr long)(34 6kg Per meter) (Each 346kg)	Quantity for 1 No's CP 0,38 0,38 charges) of L (for vices (N+O) for oints With WPB Quantity for 1 KM Line 18	For Circuit Km 0.7	Unit Rate Total Civil nt with 90 December 1 with 90 December 1 with 90 December 1 0.7	Total Quantity 3 2.3 8 Services Total (J+K) gree Angle) rotal (L+M) 18% of (N) gree Angle Total Quantity 5	Total
1 2 K L M N O P	SAP Code 601000329	Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay 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 Concreting ratio 1:1.5:3 (500mmx500mmX1500mm).=0.375 Cu.mir (includind strut pole) Other overheads (Including 6% supervision Gross Total Material +Se 11 Kv Line Length In KM with 50 Mtr. Span (Ref. Drawing No TPCODL-MVD-0003) MATERIALS FOR 11 KV Pin E Description of Materials PSC POLE 9 METER LONG 300 KG 150X150mm RS joist (10 Mtr tong)(34 6kg Per meter) (Each 346kg)	Quantity for 1 No's CP 0,38 0,38 charges) of L (for vices (N+O) for oints With WPB Quantity for 1 KM Line 18	For Circuit Km 0.7	Unit Rate Total Civil nt with 90 December 1 with 90 December 1 with 90 December 1 0.7	Total Quantity 3 2.3 8 Services Total (J+K) gree Angle) rotal (L+M) 18% of (N) gree Angle Total Quantity 5	Total
Vo. 1 2 K L M N O P	SAP Code 601000329	Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay Wire. 5)Stay clamps with Nuts & botts BA will do the excustion including excustion, 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.mir (includind strut pole) Other overheads (Including 6% supervision Gross Total Material +Se 11 KV Line Length In KM with 50 Mtr. Span (Ref. Drawing No TPCODL-MVD-0003) MATERIALS FOR 11 KV Pin F Description of Materials PSC POLE 9 METER LONG 300 KG 150X150mm RS joist (10 Mtr long)(34 6kg Per meter) (Each 346kg)	Quantity for 1 No's CP 0,38 0,38 charges) of L (for vices (N+O) for oints With WPB Quantity for 1 KM Line 18	For Circuit Km 0.7	Unit Rate Total Civil nt with 90 December 1 with 90 December 1 with 90 December 1 0.7	Total Quantity 3 2.3 8 Services Total (J+K) gree Angle) rotal (L+M) 18% of (N) gree Angle Total Quantity 5	Total
I 2 K L M N O P	SAP Code 601000329	Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay 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 Concreting ratio 1:1.5:3 (500mmx500mmX1500mm).=0.375 Cu.mtr (including strut pole) Other overheads (Including 6% supervision Gross Total Material +Se 11 Ky Line Length In KM with 50 Mtr. Span (Ref. Drawing No TPCODL-MVD-0003) MATERIALS FOR 11 KV Pin E Description of Materials PSC POLE 9 METER LONG 300 KG 150X150mm RS joist (10 Mtr tong)(34 8kg Per meter) (Each 346kg)	Quantity for 1 No's CP 0.38 0.38 charges) of L (for vices (N+O) for oints With WPB Quantity for 1 KM Line 18	For Circuit Km 0.7	Unit Rate Total Civil nt with 90 December 1 with 90 December 1 with 90 December 1 0.7	Total Quantity 3 2.3 8 Services Total (J+K) gree Angle) rotal (L+M) 18% of (N) gree Angle Total Quantity 5	Amount
Vo. 1 2 K L M N O P	SAP Code 601000329	Description of Materials Fixing of complete 11KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay Wire 5)Stay clamps with Nuts & botts BA will do the excyation including excyation, 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) Other overheads (Including 6% supervision Gross Total Material +Se 11 KV Line Length In KM with 50 Mtr. Span (Ref. Drawing No TPCODL-MVD-0003) MATERIALS FOR 11 KV Pin E Description of Materials PSC POLE 9 METER LONG 300 KG 150X150mm RS joist (10 Mtr long)(34 6kg Per meter) (Each 346kg)	Quantity for 1 No's CP 0,38 0,38 charges) of L (for vices (N+O) for oints With WPB Quantity for 1 KM Line 18	For Circuit Km 0.7	Unit Rate Total Civil nt with 90 December 1 with 90 December 1 with 90 December 1 0.7	Total Quantity 3 2.3 8 Services Total (J+K) gree Angle) rotal (L+M) 18% of (N) gree Angle Total Quantity 5	Total

ं १७, १ औं

2	601000625	GI Back Clamp for V cross arm (11KV) (0.85 kg each)	16	0.7	T	11		
3		11 KV V cross Arm (10.2 K.g. each)	16	0.7	"	11		
4	601000007	Top bracket 100x50X6 mm GI channel (2kg each)	16	0.7	 	11		
5	601000019	Danger Plate, 1 no's for each pole	16	0.7		11		
		Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of			 			
6	601000685	0.510mtr 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	0.7		33.00	<u> </u>	
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	1	13.24		
9	601000171	11 KV pin insulator polymer, 3 Nos. required for each support	48	0.7	 	33		
10		Earthing of Support (Coil Type)	16	0.7		11	·	
11	701000007	No-8 GI wire (Dia 4.6mm) 0.131 KG/ Mtr 2 Mtr. For connecting pole with Coil earthing	4.192	0.7		2.88		
12	501000148	GI Nut , 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 sq.mm AAA	3	0.7	 -	2.10		
15		Black Paint	16	0.7	 	10.0		
16	501000298	Yellow Colour Paint for Background	32		+ +			
-	301000298	TENON COOUT AIRLIOI DACKGROUNG	JZ	0.7	Total Cost	12.0		
B	 			Stook Stores	Total Cost of			
		<u> </u>		Stock, Storage	& Insurance i			
C.	ļ	2.85		· · · · · · · · · · · · · · · · · · ·		otal (A+B)	_	
- <u>P</u>					Contigency (—4	
E	 	# 17			ools & Plants (
F	 				nsportation @			
G	 			rges @ 5% on 1			<u> </u>	
H		Erection Charges @ 10% of C						
<u>L</u>		<u>Erection</u>	on Charges @ 20	% of PSC pole			{	
J	<u>L</u>	<u> </u>			Sum	of (C to I)	1	
L		Civil & Services						
1		Concreting ratio 1:1.5:3 (500mmX500mmX1500mm) = 0.375 Cu.mtr	6.00	1	6,500.00	1.88		
к		4441			Total Civil &	Services		
ī		* 4 89		Total	Material+Serv			
M	1	Other overheads (Including 6	% supervision ch	arges) (for 11 K	V Pin Points V	Vith WPR)	-	
N				<u> </u>		otal (L+M)	— - '	
0			- .		Total GST @ 1			
P	†	ार Gross Total Ma	terial +Services	(N+O) for 11 K	V Pin Pointe	With WPP		
广	 	1 01033 10(a) Wa	, Jeivices		III VIIICS I	111 13		
	<u> </u>	6% Supervision Charges	Summilie	ļ	<u> </u>		 	
 1	· · · ·				- DD 18/85- : :			
•—	 	Other overheads (Including	5%_Supervision C	marges) of L (fo	COP Without A	NE SWITCH)		
2	 	Otheroverheads (Includi						
3	<u> </u>	Other overheads (Including 6% supervision o	narges of L (for	11 KV Cut Poin	t with 180 Degi	ree Angle)		
4		Other overheads (Including 6% supervision	cnarges) of L (for	11 KV Cut Poi	nt with 90 Degi	ree Angle)		
5		Other overheads (Including 6% supervision charges) (for 11 KV Pin Points With WPB)						
	L	Total (6% supervision charges)						
L	Gross Total Summary							
1		Gross	Total Material +S	ervices (N+O) fo	or DP Without	AB Switch		
2	Gross Total Material +Services (N+O) for DP Without AB Switch Gross Total Material +Services (N+O) for DP With AB Switch							
3	1	Gross Total Material +Services (N+O) for 11 KV Cut Point with 180 Degree Angle						
4	<u> </u>	Gross Total Material +Services (N+O) for 11 KV Cut Point with 90 Degree Angle						
5		Gross Total I						
l a	 		ection Fee of Ove				7000 00	
R	 	loopo	ction Fee of Over					
S		inspe		Fee of Drawing			124 22	
			ຫຼາວນູ້ຕະເທດກ		on by electrical			
I		Gross Total	Material Comits				997,888.44	
U	L	I Gross Iotal	material, Servic	es and inspec	OUI LEGS (LAC	4*[(+3+1]]	337,000.44	

Green and the second
THE STATE OF THE S

The second secon

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: - 21.05.2023 Date of issue of tender form: - 03.06.2023

Signature of issuing authority

Hallohabako

Terms and Conditions:

- **1-** The minimum turnover of the bidder firm for the last year (2021-22) should be Rs.50.00 lakhs with last 3years 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. 21.05.2023 to Dt. 03.06.2023 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. 03.06.2023.**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.05.06.2023.**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: -	

Signature of issuing authority

Hillohabaha

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 (2021-22):
- 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 (2021-22)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 (2018-19 to 2020-21)	Details of construction Projects executed	Duration	Name of party for Whom project executed

9.	Detail	ls 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

Sealofthefirm:

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	f issue of tender form:		
		Signature	Hillohopakie of issuing authority
Financ SINo	Cialcost 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 a	amount in words: -	l	1
Place: Date:			
	Sig	gnature of the authorized	d person
	De Na	ame: esignation: ame of firm & address:	
		one / MobileNo.: nailId:	

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: -	

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.