

Replies of pre - bid queries

Tender No **TPSODL/OT/2025-26/2500001031**

Package Name **Rate Contract for shifting of HT & LT lines with S/S for construction of Flyover at Gate bazar Chowk, Berhampur**

Sr. No.	Detailed Reference to TPSODL Technical Document. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	TPSODL Response
1	2	3	4	5
1	BOQ of BED-I PART C: Civil & Services			
2	SI No- 26	Civil cost for making TRF plinth from 250KVA of upto 1000KVA.BA has to provide necessary civil material,manpower,machinery for construction of plinth as per standard drawing	Please provide TRF plinth foundation drawing.	Attached upto 500KVA
3	SI No- 25	Brick work with F.P.S. bricks of class designation 75 in foundation and plinth in Cement mortar 1:6 (1 Cement : 6 Coarse sand) as per TPSODL specification. Scope includes supply of all material with Locking arrangement	Request to provide details specification of forundation and Plinth. Unable to understand the meaning of "Scope includes supply of all material with Locking arrangement".	GA Drawing attached and refer revised BoQ.
4	SI No- 23	Survey and digitization of New PTR/BAY/CB and its internals including attrubutes.	Unable to understand the meaning of the item. Request to clarify.	The cost will attribute to GIS mapping activities for bringing network changes of executed scheme into GIS system.
5	BOQ of BED-II PART C: Civil & Services			
6	SI No- 1.1	BA will provide necessary Manpower,FRP Fencing & Ms Material for construction boundary wall fencing as per TPSODL Drawing, specification & GTP.	Please provide the drawing of FRP Fencing.	Attached
7	SI No- 2.2	Plinth for S/S	Please provide the drawing of Plinth for S/S.	GA Drawing attached and refer revised BoQ.
8	SI No- 2.3	Boundary wall with sand filling and metal spreading, Fixing of Iron grill gate with locking arrangement etc as per TPSODL specification	Please provide detail specification of Boundary wall & Iron grill ggate.	GA Drawing attached and refer revised BoQ.
9	SI No- 20	Survey and digitization of New DSS and its internals including attrubutes	Unable to understand the meaning of the item. Request to clarify.	The cost will attribute to GIS mapping activities for bringing network changes of executed scheme into GIS system.
10	SI No- 21	Survey and digitization of New MCCB/LTDB and its internals including attrubutes	Unable to understand the meaning of the item. Request to clarify.	The cost will attribute to GIS mapping activities for bringing network changes of executed scheme into GIS system.
	PART A: Supply of Materials			
11	SI No- 21	LT ACB 400A	Please provide Technical specification of LT ACB 400A	Separately attached as PDF
12	SL No- 5.18	HT Stay clamp(1.95Kg/mtr)	Unit mentioned as Nos. Please confirm whether it is in Nos or Pair .	Please refer revised BoQ
13	SL No- 4.18	HT Stay clamp(1.95Kg/mtr)		
14	SL No- 3.15	Stay clamp		

Sr. No.	Detailed Reference to TPSODL Technical Document. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	TPSODL Response
15	SL No- 1.2	1.1kV Al 4CX400 Sq.mm Armoured Cable A2XWY-FRLSH	Please provide Technical specification of the item.	Consider the revised BOQ (line itme mentioned as 1.1kV Al 4CX300 Sq.mm Armoured Cable A2XWY-FRLSH)
	PART B: Erection of Materials			
16	SL No- 5.18	HT Stay clamp(1.95Kg/mtr)	Unit mentioned as Nos . Please confirm whether it is in Nos or Pair .	Please refer revised BoQ
17	SL No- 4.18	HT Stay clamp(1.95Kg/mtr)		
18	SL No- 3.15	Stay clamp		
19			Request to provide Approved vendor list.	Separately attached as PDF

BoQ (Schedule of Items)
BED - I Gate Bazar

PART A: Supply of Materials

S. No.	Description of items	Unit	Quantity (a)	Unit Price (b)	GST @18% (c)	Unit Price All-inclusive (d = b + c)	Total Price All-inclusive (e = a x d)
1	Supply of materials for 11kV, 3Core, 400sqmm, & 3CX95 Sqmm XLPE insulation armoured UG cable with accessories						
1.1	11kV AL 3CX400 Sqmm XLPE Cable armoured A2XCWY-FRLSH	Mtr.	1380		-	-	-
1.2	11kV AL 3CX95 Sqmm XLPE Cable armoured A2XCWY-FRLSH	Mtr.	2120		-	-	-
1.3	JT.TERM.KIT for 3Cx400 mm ² 11KV XLPE Cable(Straight type)	EA	4		-	-	-
1.4	JT.TERM.KIT for 3Cx400 mm ² 11KV XLPE Cable(outdoor type)	EA	5		-	-	-
1.5	JT.TERM.KIT for 3Cx400 mm ² 11KV XLPE Cable(indoor type)	EA	7		-	-	-
1.6	JT.TERM.KIT for 3Cx95 mm ² 11KV XLPE Cable(Straight type)	EA	4		-	-	-
1.7	JT.TERM.KIT for 3Cx95 mm ² 11KV XLPE Cable(indoor type)	EA	12		-	-	-
1.8	JT.TERM.KIT for 3Cx95 mm ² 11KV XLPE Cable(outdoor type)	EA	16		-	-	-
1.9	JT.TERM.KIT for 3Cx50 mm ² 11KV XLPE Cable(outdoor type)	EA	2		-	-	-
1.10	HDPE Pipe, (PE80-PN8,200mm dia)	Mtr.	1300		-	-	-
1.11	HDPE Pipe, (PE80-PN8,110 mm dia)	Mtr.	1980		-	-	-
1.12	GI flat 25x6 mm	Kg	290		-	-	-
1.13	Clamp for HDPE pipe	No.	83		-	-	-
2	Supply of materials for 11kV RMU with accessories						
2.1	RMU 11KV 4WAY 630A LLVV(2ISO+2BKR)+FRITU+AUXPT	EA	3		-	-	-
2.2	GI flat 50x6 mm	Kg	45		-	-	-
2.3	GI Nut, Bolt & Washer of different sizes	Kg	60		-	-	-
2.4	40mm nominal bore GI pipe (heavy gauge) earthing device with 3 mtr .Long	EA	6		-	-	-
3	Supply of materials for Line DP with 400A AB Switch						
3.1	WPB 160x152 (30.44KG/Mtr.),11 mtr- with base plate 300x300x12	No.	6		-	-	-
3.2	Earthing device Coil type (GI)	No.	6		-	-	-
3.3	Pressure Channel (100X50X5) mm (9.56 Kg. / Mtr.)	Kg	160.61		-	-	-
3.4	AB Switch mounting channel (100X50X5) mm (9.56 Kg. / Mtr.)	Kg	160.61		-	-	-
3.5	DP Bracing Channel (100x50X5)mm (9.56 Kg./Mtr.)	Kg	321.22		-	-	-
3.6	DP Bracing angle (50X50X6) mm 7Mtr. (4.5 Kg./Mtr.)	Kg	94.5		-	-	-
3.7	Bracing Channel (100x50X5)mm(9.56 Kg./Mtr.)	Kg	160.61		-	-	-
3.8	Angle (65x65x6)mm (5.8 Kg/mtr) (Back clamp for bracing channel & angle)	Kg	27.84		-	-	-
3.9	AB Switch (11 KV,400A, 16KA/1sec 3 pole,50 Hz)Polymer type insulator (Horizontal Mount)	No.	3		-	-	-
3.10	11kV Disc insulator (B&S) 70 kN polymer	No.	9		-	-	-
3.11	Hard wire Fittings 3 bolt (B & S)	No.	9		-	-	-
3.12	HT Stay Set	Set	12		-	-	-
3.13	Stay Wire (7/10 SWG)	Kg	120		-	-	-
3.14	Stay Insulator	No.	12		-	-	-
3.15	Stay Clamp	Pair	12		-	-	-
3.16	Lightning Arrester(12KV,10KA) Station Class	No.	9		-	-	-
3.17	GI flat 25x4 mm	Kg	135		-	-	-
3.18	40mm nominal bore GI pipe (heavy gauge) earthing device with 3 mtr .Long	EA	3		-	-	-
3.19	GI Nut, Bolt and Washer	kg	70		-	-	-
3.20	100sqmm AAA conductor	Km	0.15		-	-	-
3.21	Anticlimbing Device(GI barbed wire 3kg per support)	kg	18		-	-	-
3.22	Back Clamp (25X3mm. Flat) for Barbed wire anticlimbing device	Kg	7.22		-	-	-
3.23	Danger board	No.	6		-	-	-
3.24	Back Clamp (25X3 mm. flat) for danger Plate	Kg	3.61		-	-	-
3.25	Sundries for Anti climbing device,survey tree cutting , small size nut bolt, Allm. Binding wire / tape	LS	1		-	-	-
4	Supply of materials for 11Mtr WPB Pole for tapping of XLPE Cable						
4.1	WPB 160x152 (30.44KG/Mtr.),11 mtr- with base plate 300x300x12	No.	8		-	-	-
4.2	Earthing device Coil type	No.	8		-	-	-
4.3	100x50x5 mm channel for straight Cross arm 1.2 mtr	Kg	49.71		-	-	-
4.4	11kV Disc insulator (B&S) 70 kN polymer	No.	3		-	-	-
4.5	Hardware fitting B&S Type 70KN (3Bolted)	Set	3		-	-	-
4.6	PG clamp for 80mm2 AAAC	No.	3		-	-	-
4.7	11KV pin insulator polymer	No.	3		-	-	-
4.8	HT Stay set (Complete)	Set	6		-	-	-
4.9	HT Stay Insulator	No.	6		-	-	-
4.10	HT Stay clamp (1.95 K.g./ Pair)	Pair	6		-	-	-
4.11	7/10 SWG Stay Wire	kg	60		-	-	-
4.12	40mm nominal bore GI pipe (heavy gauge) earthing device with 3 mtr .Long	EA	4		-	-	-
4.13	GI flat 25x4 mm	Kg	60		-	-	-
4.14	Dead end clamp	No.	7		-	-	-
4.15	Suspension clamp	Pair	1		-	-	-
4.16	Eye hook for (XLPE Cable)	No.	7		-	-	-
4.17	Pole clamp for Eye hook for (XLPE Cable)	Pair	8		-	-	-
4.18	GI nuts, bolts and washers	Kg	25		-	-	-
4.19	Danger Board	No.	8		-	-	-
4.20	Back Clamp (25X3 mm. flat) for danger Plate	Kg	4.81		-	-	-
4.21	Anticlimbing Device(GI barbed wire 3kg per support)	kg	24		-	-	-
4.22	Back Clamp (25X3mm. Flat) for Barbed wire anticlimbing device	Kg	9.63		-	-	-
4.23	Sundries for Anti climbing device,survey tree cutting , small size nut bolt, Allm. Binding wire / tape	Ls	1		-	-	-
5	Supply of materials for LTOH line by using 4x95+1x95+1x16mm2 AB Cable						
5.1	9 mtr long 300 Kg PSC pole	No.	32		-	-	-
5.2	RCC base plate (450x450x75mm) @20Kg/ Pc	No.	32		-	-	-
5.3	Earthing support coil type	No.	32		-	-	-
5.4	1.1KV LT AB Cable 4x95+1x95+1x16mm2	Km	1.01		-	-	-
5.5	LT Stay Set complete	No.	5		-	-	-
5.6	LT Stay Insulator	No.	5		-	-	-
5.7	LT Stay clamp	Pair	5		-	-	-
5.8	7/12 SWG Stay Wire	kg	40		-	-	-
5.9	Suspension clamp with I-Hook	Pair	25		-	-	-
5.10	Dead end clamp	No.	15		-	-	-
5.11	Eye hook	No.	15		-	-	-
5.12	Pole clamp for I-Hook	pair	40		-	-	-
5.13	Anticlimbing Device(GI barbed wire 3kg per support)	kg	96		-	-	-
5.14	Back Clamp (25X3mm. Flat) for Barbed wire anticlimbing device	kg	38.52		-	-	-
5.15	GI Nuts,Bolts & Washers	kg	64		-	-	-
5.16	Danger board	No.	32		-	-	-
5.17	Back Clamp (25X3 mm. flat) for danger Plate	kg	19.26		-	-	-

5.18	Black Paint	Ltr.	16	-	-	-
5.19	Yellow Colour Paint for Background	Ltr.	32	-	-	-
5.20	Sundries for Anti climbing device,survey tree cutting , small size nut bolt, Allm. Binding wire / tape	LS	1	-	-	-
6	Supply of materials for LT UG line by using 4Cx300mm2 LT XLPE cable			-	-	-
6.1	4Cx300mm2 LT XLPE cable (Armoured) -A2XCWY--FRLSH	Mtr.	346.5	-	-	-
6.2	Jointing Kit outdoor 1.1KV 4CX300mm2 XLPE cable	EA	12	-	-	-
6.3	Clamp for holding of Pipe	No.	48	-	-	-
6.4	GI Nut , Bolt & Washer of different sizes	Kg	5	-	-	-
6.5	Sundries for Anti climbing device,survey tree cutting , small size nut bolt, Allm. Binding wire / tape	Ls	1	-	-	-
7	Installation of 160KVA,11/0.4KV Plinth Mounted S/s (excluding DTR) = 1No.			-	-	-
7.1	WPB 160x152 (30.44KG/Mtr.),11 mtr- with base plate 300x300x12	No.	2	-	-	-
7.2	Earthing device Coil type	No.	2	-	-	-
7.3	Pressure Channel (100X50X5) mm (9.56 Kg. / Mtr.)	Kg	53.54	-	-	-
7.4	AB Switch mounting channel (100X50X5) mm(9.56 Kg. / Mtr.)	Kg	53.54	-	-	-
7.5	HG fuse mounting channel (75X40X4.8) mm(7.14 Kg. / Mtr.)	Kg	39.98	-	-	-
7.6	Channel for cantilever arrangement (75X40X4.8) mm(7.14 Kg./mtr.)	Kg	14.28	-	-	-
7.7	Angle for cantilever arrangement (50X50X6)mm(4.5 Kg./Mtr.)	Kg	13.5	-	-	-
7.8	DP Bracing Channel (100x50X5)mm (9.56 Kg./Mtr.)	Kg	107.07	-	-	-
7.9	DP Bracing angle (50X50X6) mm 7Mtr. (4.45 Kg./Mtr.)	Kg	31.5	-	-	-
7.10	Angle for mounting LT distribution box (50X50X6)mm(4.5 Kg./Mtr.)	Kg	13.5	-	-	-
7.11	AB Switch (11 KV,400A, 16kA/1sec 3 pole,50 Hz)Polymer type insulator (Horizontal Mount)	No.	1	-	-	-
7.12	H.G. Fuse(11 KV,400 A,3 Pole)with PI	No.	1	-	-	-
7.13	Lightning Arrester(12KV,10KA) Station Class	No.	3	-	-	-
7.14	11kV Disc insulator (B&S) 70 KN polymer	No.	3	-	-	-
7.15	H W fitting (B& S) 70KN(3bolted)	No.	3	-	-	-
7.16	HT Stay Set	Set	4	-	-	-
7.17	Stay Wire (7/10 SWG)	Kg	40	-	-	-
7.18	Stay Insulator	No.	4	-	-	-
7.19	Stay Clamp	Pair	4	-	-	-
7.20	40mm nominal bore GI pipe (heavy gauge) earthing device with 3 mtr .Long	EA	7	-	-	-
7.21	25 x 4mm GI Flat for Substation earthing	Kg	50	-	-	-
7.22	25 x 6mm GI Flat for Neutral earthing of 160KVA	Kg	24	-	-	-
7.23	GI Nut, Bolt and Washer	Kg	25	-	-	-
7.24	80sqmm AAA conductor	Km	0.05	-	-	-
7.25	1Cx300mm2 LT XLPE cable(Un-Armoured)	Mtr.	32	-	-	-
7.26	Anticlimbing Device(GI barbed wire 3kg per support)	Kg	6	-	-	-
7.27	Back Clamp for anticlimbing device 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 8 no's = (8x0.59x0.510)	Kg	2.41	-	-	-
7.28	Danger plate	No.	2	-	-	-
7.29	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 2 no's = (2x0.59x0.510)	Kg	1.20	-	-	-
7.30	10Cx2.5mm2 armoured control cable (From MU to Meter)	Mtr.	10.00	-	-	-
7.31	Sundries for Anti climbing device,survey tree cutting , small size nut bolt, Allm. Binding wire / tape	LS	1	-	-	-
	Sub Total (Supply Portion) (in Rs.)					-

PART B: Erection of Materials

Sl. No.	Description of items	Unit	Quantity (a)	Unit Price (b)	GST @18% (c)	Unit Price All-inclusive (d = b +c)	Total Price All-inclusive (e = a x d)
1	Erection of materials for 11kV, 3Core, 400sqmm, & 3CX95 Sqmm XLPE insulation armoured UG cable with accessories						
1.1	11kV AL 3CX400 Sqmm XLPE Cable armoured A2XCWY-FRLSH	Mtr.	120		-	-	-
1.2	11kV AL 3CX95 Sqmm XLPE Cable armoured A2XCWY-FRLSH	Mtr.	320		-	-	-
1.3	JT.TERM.KIT for 3Cx400 mm ² 11KV XLPE Cable(Straight type)	EA	4		-	-	-
1.4	JT.TERM.KIT for 3Cx400 mm ² 11KV XLPE Cable(outdoor type)	EA	5		-	-	-
1.5	JT.TERM.KIT for 3Cx400 mm ² 11KV XLPE Cable(indoor type)	EA	7		-	-	-
1.6	JT.TERM.KIT for 3Cx95 mm ² 11KV XLPE Cable(Straight type)	EA	4		-	-	-
1.7	JT.TERM.KIT for 3Cx95 mm ² 11KV XLPE Cable(indoor type)	EA	12		-	-	-
1.8	JT.TERM.KIT for 3Cx95 mm ² 11KV XLPE Cable(outdoor type)	EA	16		-	-	-
1.9	JT.TERM.KIT for 3Cx50 mm ² 11KV XLPE Cable(outdoor type)	EA	2		-	-	-
1.10	HDPE Pipe, (PE80-PN8,200mm dia)	Mtr.	50		-	-	-
1.11	HDPE Pipe, (PE80-PN8,110 mm dia)	Mtr.	160		-	-	-
1.12	GI flat 25x6 mm	Kg	290		-	-	-
1.13	Clamp for HDPE pipe	No.	83		-	-	-
2	Erection of materials for 11kV RMU with accessories						
2.1	GI flat 50x6 mm	Kg	45		-	-	-
2.2	GI Nut, Bolt & Washer of different sizes	Kg	60		-	-	-
3	Erection of materials for Line DP with 400A AB Switch						
3.1	WPB 160x152 (30.44KG/Mtr.),11 mtr- with base plate 300x300x12	No.	6		-	-	-
3.2	Earthing device Coil type (GI)	No.	6		-	-	-
3.3	Pressure Channel (100X50X5) mm (9.56 Kg. / Mtr.)	Kg	160.61		-	-	-
3.4	AB Switch mounting channel (100X50X5) mm (9.56 Kg. / Mtr.)	Kg	160.61		-	-	-
3.5	DP Bracing Channel (100x50X5)mm (9.56 Kg./Mtr.)	Kg	321.22		-	-	-
3.6	DP Bracing angle (50X50X6) mm 7Mtr. (4.5 Kg./Mtr.)	Kg	94.5		-	-	-
3.7	Bracing Channel (100x50X5)bmm(9.56 Kg./Mtr.)	Kg	160.61		-	-	-
3.8	Angle (65x65x6)mm (5.8 Kg/mtr) (Back clamp for bracing channel & angle)	Kg	27.84		-	-	-
3.9	AB Switch (11 KV,400A, 16kA/1sec 3 pole,50 Hz)Polymer type insulator (Horizontal Mount)	No.	3		-	-	-
3.10	11kV Disc insulator (B&S) 70 KN polymer	No.	9		-	-	-
3.11	Hard wire Fittings 3 bolt (B & S)	No.	9		-	-	-
3.12	HT Stay Set	Set	12		-	-	-
3.13	Stay Wire (7/10 SWG)	Kg	120		-	-	-
3.14	Stay Insulator	No.	12		-	-	-
3.15	Stay Clamp	Pair	12		-	-	-
3.16	Lightning Arrester(12KV,10KA) Station Class	No.	9		-	-	-
3.17	GI flat 25x4 mm	Kg	135		-	-	-
3.18	GI Nut, Bolt and Washer	kg	70		-	-	-
3.19	100sqmm AAA conductor	Km	0.15		-	-	-
3.20	Anticlimbing Device(GI barbed wire 3kg per support)	kg	18		-	-	-

3.21	Back Clamp (25X3mm. Flat) for Barbed wire anticlimbing device	Kg	7.22	-	-	-
3.22	Danger board	No.	6	-	-	-
3.23	Back Clamp (25X3 mm. flat) for danger Plate	Kg	3.61	-	-	-
3.24	Sundries for Anti climbing device,survey tree cutting , small size nut bolt, Allm. Binding wire / tape	LS	1	-	-	-
4	Erection of materials for 11Mtr WPB Pole for tapping of XLPE Cable					
4.1	WPB 160x152 (30.44Kg/Mtr.),11 mtr- with base plate 300x300x12	No.	8	-	-	-
4.2	Earthing device Coil type	No.	8	-	-	-
4.3	100x50x5 mm channel for straight Cross arm 1.2 mtr	Kg	49.71	-	-	-
4.4	11kV Disc insulator (B&S) 70 KN polymer	No.	3	-	-	-
4.5	Hardware fitting B&S Type 70KN (3Bolted)	Set	3	-	-	-
4.6	PG clamp for 80mm2 AAAC	No.	3	-	-	-
4.7	11KV pin insulator polymer	No.	3	-	-	-
4.8	HT Stay set (Complete)	Set	6	-	-	-
4.9	HT Stay Insulator	No.	6	-	-	-
4.10	HT Stay clamp (1.95 Kg./ Pair)	Pair	6	-	-	-
4.11	7/10 SWG Stay Wire	kg	60	-	-	-
4.12	GI flat 25x4 mm	Kg	60	-	-	-
4.13	Dead end clamp	No.	7	-	-	-
4.14	Suspension clamp	Pair	1	-	-	-
4.15	Eye hook for (XLPE Cable)	No.	7	-	-	-
4.16	Pole clamp for Eye hook for (XLPE Cable)	Pair	8	-	-	-
4.17	GI nuts, bolts and washers	Kg	25	-	-	-
4.18	Danger Board	No.	8	-	-	-
4.19	Back Clamp (25X3 mm. flat) for danger Plate	Kg	4.81	-	-	-
4.20	Anticlimbing Device(GI barbed wire 3kg per support)	kg	24	-	-	-
4.21	Back Clamp (25X3mm. Flat) for Barbed wire anticlimbing device	Kg	9.63	-	-	-
4.22	Sundries for Anti climbing device,survey tree cutting , small size nut bolt, Allm. Binding wire / tape	Ls	1	-	-	-
5	Erection of materials for LTOH line by using 4x95+1x95+1x16mm2 AB Cable					
5.1	9 mtr long 300 Kg PSC pole	No.	32	-	-	-
5.2	RCC base plate (450x450x75mm) @20Kg/Pc	No.	32	-	-	-
5.3	Earthing support coil type	No.	32	-	-	-
5.4	1.1KV LT AB Cable 4x95+1x95+1x16mm2	Km	1.01	-	-	-
5.5	LT Stay Set complete	No.	5	-	-	-
5.6	LT Stay Insulator	No.	5	-	-	-
5.7	LT Stay clamp	Pair	5	-	-	-
5.8	7/12 SWG Stay Wire	kg	40	-	-	-
5.9	Suspension clamp with I-Hook	Pair	25	-	-	-
5.10	Dead end clamp	No.	15	-	-	-
5.11	Eye hook	No.	15	-	-	-
5.12	Pole clamp for I-Hook	pair	40	-	-	-
5.13	Anticlimbing Device(GI barbed wire 3kg per support)	kg	96	-	-	-
5.14	Back Clamp (25X3mm. Flat) for Barbed wire anticlimbing device	kg	38.52	-	-	-
5.15	GI Nuts,Bolts & Washers	kg	64	-	-	-
5.16	Danger board	No.	32	-	-	-
5.17	Back Clamp (25X3 mm. flat) for danger Plate	kg	19.26	-	-	-
5.18	Black Paint	Ltr.	16	-	-	-
5.19	Yellow Colour Paint for Background	Ltr.	32	-	-	-
5.20	Sundries for Anti climbing device,survey tree cutting , small size nut bolt, Allm. Binding wire / tape	LS	1	-	-	-
6	Erection of materials for LT UG line by using 4Cx300mm2 LT XLPE cable					
6.1	4Cx300mm2 LT XLPE cable (Armoured)	Mtr.	346.50	-	-	-
6.2	Jointing Kit outdoor 1.1KV 4CX300mm2 XLPE cable	EA	12	-	-	-
6.3	Clamp for holding of Pipe	No.	48	-	-	-
6.4	GI Nut , Bolt & Washer of different sizes	Kg	5	-	-	-
6.5	Sundries for Anti climbing device,survey tree cutting , small size nut bolt, Allm. Binding wire / tape	Ls	1	-	-	-
7	Erection of 160KVA,11/0.4KV Plinth Mounted S/s (excluding DTR) = 1No.					
7.1	WPB 160x152 (30.44Kg/Mtr.),11 mtr- with base plate 300x300x12	No.	2	-	-	-
7.2	Earthing device Coil type	No.	2	-	-	-
7.3	Pressure Channel (100X50X5) mm (9.56 Kg. / Mtr.)	Kg	53.54	-	-	-
7.4	AB Switch mounting channel (100X50X5) mm(9.56 Kg. / Mtr.)	Kg	53.54	-	-	-
7.5	HG fuse mounting channel (75X40X4.8) mm(7.14 Kg. / Mtr.)	Kg	39.98	-	-	-
7.6	Channel for cantilever arrangement (75X40X4.8) mm(7.14 Kg./mtr.)	Kg	14.28	-	-	-
7.7	Angle for cantilever arrangement (50X50X6)mm(4.5 Kg./Mtr.)	Kg	13.5	-	-	-
7.8	DP Bracing Channel (100x50X5)mm (9.56 Kg./Mtr.)	Kg	107.07	-	-	-
7.9	DP Bracing angle (50X50X6) mm 7Mtr. (4.45 Kg./Mtr.)	Kg	31.5	-	-	-
7.10	Angle for mounting LT distribution box (50X50X6)mm(4.5 Kg./Mtr.)	Kg	13.5	-	-	-
7.11	AB Switch (11 KV,400A, 16kA/1sec 3 pole,50 Hz) Polymer type insulator (Horizontal Mount)	No.	1	-	-	-
7.12	H.G. Fuse(11 KV,400 A,3 Pole)with PI	No.	1	-	-	-
7.13	Lightning Arrester(12KV,10KA) Station Class	No.	3	-	-	-
7.14	11kV Disc insulator (B&S) 70 KN polymer	No.	3	-	-	-
7.15	H W fitting (B& S) 70KN(3bolted)	No.	3	-	-	-
7.16	HT Stay Set	Set	4	-	-	-
7.17	Stay Wire (7/10 SWG)	Kg	40	-	-	-
7.18	Stay Insulator	No.	4	-	-	-
7.19	Stay Clamp	Pair	4	-	-	-
7.20	25 x 4mm GI Flat for Substation earthing	Kg	50	-	-	-
7.21	25 x 6mm GI Flat for Neutral earthing of 160KVA	Kg	24	-	-	-
7.22	GI Nut, Bolt and Washer	Kg	25	-	-	-
7.23	80sqmm AAA conductor	Km	0.05	-	-	-
7.24	1Cx300mm2 LT XLPE cable(Un-Armoured)	Mtr.	32	-	-	-
7.25	Anticlimbing Device(GI barbed wire 3kg per support)	Kg	6	-	-	-
7.26	Back Clamp for anticlimbing device 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 8 no's = (8x0.59x0.510)	Kg	2.41	-	-	-
7.27	Danger plate	No.	2	-	-	-
7.28	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 2 no's = (2x0.59x0.510)	Kg	1.20	-	-	-
7.29	10x2.5mm2 armoured control cable (From MU to Meter)	Mtr.	10.00	-	-	-
7.30	Sundries for Anti climbing device,survey tree cutting , small size nut bolt, Allm. Binding wire / tape	LS	1.00	-	-	-
Sub Total (Erection Portion) (in Rs.)						0

PART C: Civil & Services

Sl. No.	Description of items	Unit	Quantity (a)	Unit Price (b)	GST @18% (c)	Unit Price All-inclusive (d = b + c)	Total Price All-inclusive (e = a x d)
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1	Civil works with supply of all materials like cement, MS tor rod, brick, coarse & fine aggregates and labour, T&P, etc for UG Cable Trench-Route Length					
1.1	Excavation of cable trench length (3 mtr W X 3 mtr D) by providing all necessary tool, Manpower, pump etc suitable for HT & LT Cable laying. Scope also includes supply of necessary barricades at the excavation site.	M3	348.8	-	-	-
1.1.a	Provide all necessary Manpower, Tool, Tackles, Barricades, Dewatering pump, Gunny bags, Compressor for excavation (3 mtr W X 3 mtr D) in Hard Surface.	M3	108	-	-	-
1.1.b	Back fill the cable excavation site with same earth (3 mtr W X 3 mtr D). Scope also includes provide of necessary Tools, Machinery & Manpower for the activity.	M3	345.6	-	-	-
1.2	Supply all materials required for backfilling and has to carry out the job of backfilling with sand, as per DISCOM Standards	M3	27	-	-	-
1.3	Damage of asphalt/tar road and other utilities and reconstructing to bring to its original shape after laying of cable in open trench (1mtr. width)	KM	0.67	-	-	-
1.4	Making Trenchless ducts upto 200 mm dia through Single Pipe by HDD method using HDD machine. Scope of work includes pulling of any grade of HDPE Pipe, Jointing of the pipes, cable laying through HDPE Pipe and disposal of debris. Cable and HDPE pipe shall be free issued from DISCOM's store.	Mtr.	3170	-	-	-
2	Jointing Area Brick Chamber (2.1 mtr. L X 1 mtr W X 0.6 mtr D)		8	-	-	-
2.1	PCC (1:3:6(M-10 Grade)) below trench (Length 2100 mm, width 1000mm, thickness 75mm throughout)	M3	1.26	-	-	-
2.1.a	Brick work Both Sides (2.1 mtr. L X 0.19 mtr W X 0.5 mtr D) with F.P.S. bricks of class designation 75mm in Cement mortar 1:4 (1 Cement : 4 Coarse sand) as per standard specification. Scope includes supply of all material	M3	2.87	-	-	-
2.1.b	15 mm cement plaster, All Sides (2.13+0.21 mtr. L X 0.5 mtr W) on the rough side of single brick wall of mix -1:4 (1 Cement : 4 Fine sand (50 % fine :50% coarse)) as per standard specification. Scope includes supply of all material.	M2	18.72	-	-	-
2.1.c	Supply and erection of material for RCC partition slab 800mmX250mmX75mm (M-25 grade)- 9 Nos. with supply of all civil material (Cement, Sand & 10 to 12mm stone aggregate), with 8mm dia R/f cutting & bending etc.	M2	14.4	-	-	-
3	Cable looping Chamber with Brick at one side of joint (2.8 mtr. X 2.8 mtr.)		40	-	-	-
3.1	PCC (1:3:6(M-10 Grade)) below trench (Length 2800 mm, width 2800mm, thickness 75mm throughout)	M3	23.52	-	-	-
3.2	Brick work Both Sides (2.8 mtr. L X 0.19 mtr W X 0.5 mtr D) with F.P.S. bricks of class designation 75mm in Cement mortar 1:4 (1 Cement : 4 Coarse sand) as per standard specification. Scope includes supply of all material	M3	21.28	-	-	-
3.3	15 mm cement plaster, All Sides (2.83+0.21 mtr. L X 0.5 mtr W) on the rough side of single brick wall of mix -1:4 (1 Cement : 4 Fine sand (50 % fine :50% coarse)) as per standard specification. Scope includes supply of all material.	M2	121.6	-	-	-
3.4	Supply and erection of material for RCC partition slab 800mmX250mmX75mm (M-25 grade)- 12 Nos. with supply of all civil material (Cement, Sand & 10 to 12mm stone aggregate), with 8mm dia R/f cutting & bending etc.	M2	96	-	-	-
3.5	Supply, Laying of 150 mm wide 100 micron thick Red colour LDPE warning tape with desired printing as per latest drawing & specifications including all accessories. (If standard specifications is not available then relevant IS will be applicable)	Mtr.	150	-	-	-
4	Supply and Installation of cable Route marker	EA	35	-	-	-
5	Provide necessary civil material for construction of Earthing chamber, excavation & installation of including earthing pipe dia up to 100mm dia for length of 3Mtr. Scope also includes necessary nutbolt, 25 Kg Bentonide Power, connection & welding with incoming earth flat. The work to be executed as per standard drawing & design	No.	65	-	-	-
6	Survey of incremental/delta network and assets changes of 11 kV network and updation in GESW databas	Km	4	-	-	-
7	Cement Concrete for Stay / Stud Anchor plate / stud CC foundation 1:3:6 size by using 4cm size HBG metal	No.	23	-	-	-
8	Concreting of poles in ratio 1:1.5:3 for 11Mtr WPB Poles	No.	16	-	-	-
9	Couping of poles in ratio 1:1.5:3 for 11Mtr WPB Poles	No.	16	-	-	-
10	Concreting of poles in ratio 1:1.5:3 for 9 Mtr PSC Poles	No.	32	-	-	-
11	Couping of poles in ratio 1:1.5:3 for 9Mtr PSC Poles	No.	32	-	-	-
12	Supply and laying of pipe HDPE 110mm Dia PN8 PE 80 through HDD method. Scope of work also includes making trenchless ducts with 110mm dia HDPE pipe casing using HDD machine including supply of HDPE pipe as per IS 4984.	Mtr.	300	-	-	-
13	Dismantle of 11KV line from City Hospital Chowk to 4-pole (11-Span)	Mtr.	1320	-	-	-
14	Dismantle of 11KV line from Chandramani peta to Vishal Chowk (14-Span)	Mtr.	1680	-	-	-
15	Dismantle of 3Cx50mm ² XLPE cable line (9-Span)	Mtr.	360	-	-	-
16	Dismantle of HT pole	EA	25	-	-	-
17	Dismantle of LT line	Mtr.	1000	-	-	-
18	Survey of incremental/delta network and assets changes of LT network and updation in GESW databas	Km	1.01	-	-	-
19	BA will provide necessary Manpower, FRP Fencing & Ms Material for construction boundary wall fencing as per TPSODL Drawing, specification & GTP.	Sqm	96	-	-	-
20	Installation, Testing and Commissioning of 11/33kV 3-way /4-way/5way Ring Main Unit (RMU) on existing structure/foundation as per TPSODL. Specification including grouting & HT Cable Connections, earthing Connections & minor site modifications. Scope of work excludes earthing chamber and construction of foundation.	EA	3	-	-	-
21	Construction of 3-way/4-way/5way RMU Plinth with Brick, Mortar, 12 mm cement plaster as per drawing. Scope of work includes excavation of earth for foundation and supply of raw material i.e. sand, cement, bricks and removal of extra malba if any as per site requirement including labour required for the same as per site requirement & With respect to standard drawing.	EA	3	-	-	-
22	Supply, Laying, spreading and compacting with hand roller stone aggregate of specified sizes : 63 mm to 45mm size stone aggregate to WBM specifications in uniform thickness, hand picking to proper grade and camber, applying and brooming requisite type to fill up interstices of coarse aggregate, watering and compacting to the required density. Scope of work also includes of jungle such as grass, small tree plant etc.	M3	17.4	-	-	-
23	Survey and digitization of New PTR/BAY/CB and its internals including attributes	No.	3	-	-	-
24	Cement concreting for stay anchor plate with C.C. 1:2:4, 0.2 Cum	No.	4	-	-	-
25	Brick Boundary wall with sand filling and metal spreading, Fixing of Iron grill gate with locking arrangement etc as per TPSODL specification	RM	18	-	-	-
26	Civil cost for making TRF plinth from 250KVA of upto 1000KVA. BA has to provide necessary civil material, manpower, machinery for construction of plinth as per standard drawing	No.	1	-	-	-

27	Dismantalisation and re-installation of 160KVA DTR	No.	1		-	-	-
28	Dismantalisation and re-installation of MU	No.	1		-	-	-
29	Dismantalisation and re-installation of LBS	No.	1		-	-	-
30	Re-installation of HTTV Meter	No.	1		-	-	-
31	Dismantalisation of LA	EA	3		-	-	-
32	RC & DC fee	No.	1		-	-	-
	Sub Total (Civil Portion) (in Rs.)						-
	Total (Supply + Erection + Civil Works) of BED-I						-
	Total (Supply + Erection + Civil Works) of BED-II						-
	Grand Total of BED-I & BED-II						-

BoQ (Schedule of Items)

BED - II Gate Bazar

PART A: Supply of Materials

S. No.	Description of items	Unit	Quantity (a)	Unit Price (b)	GST @18% (c)	Unit Price All-inclusive (d = b + c)	Total Price All-inclusive (e = a x d)
1	Supply of materials for 11kV, 3Core, 400sqmm, & 3CX95 Sqmm XLPE insulation armoured UG cable with accessories						
1.1	11kV AL 3CX400 Sqmm XLPE Cable armoured A2XCWY-FRLSH	Mtr.	1319		-	-	-
1.2	1.1kV Al 4CX300 Sq.mm Armoured Cable A2XWY-FRLSH	Mtr.	100		-	-	-
1.3	11kV AL 3CX95 Sqmm XLPE Cable armoured A2XCWY-FRLSH	Mtr.	1966		-	-	-
1.4	GI channel 100x50x5mm, 1.5mtr long (@9.56kg/mtr)	Kg	315.48		-	-	-
1.5	75x40x4.8 mm GI Channel Straight cross arm 1.5 mtr long (@7.14Kg/mtr)	Kg	257.04		-	-	-
1.6	HDPE Pipe , (PE80 -PN8, 200 mm dia)	Mtr.	1229		-	-	-
1.7	HDPE Pipe , (PE80 -PN8, 160 mm dia)	Mtr.	100		-	-	-
1.8	HDPE Pipe, (PE80-PN8,110mm dia)	Mtr.	1846		-	-	-
1.9	Clamp for holding of PVC Pipe with Channel & Angle	Nos.	20		-	-	-
1.10	Clamp for HDPE pipe	Nos.	72		-	-	-
1.11	IT. KIT O/D 1.1 KV XLPE 4X300SQ.MM HS	Nos.	4		-	-	-
1.12	IT.TERM.KIT for 3Cx400 mm ² 11KV XLPE Cable(Straight type)	EA	2		-	-	-
1.13	IT.TERM.KIT for 3Cx400 mm ² 11KV XLPE Cable(outdoor type)	Nos.	5		-	-	-
1.14	IT.TERM.KIT for 3Cx400 mm ² 11KV XLPE Cable(indoor type)	Nos.	13		-	-	-
1.15	IT.TERM.KIT for 3Cx95 mm ² 11KV XLPE Cable(indoor type)	EA	6		-	-	-
1.16	IT.TERM.KIT for 3Cx95 mm ² 11KV XLPE Cable(Straight type)	EA	6		-	-	-
1.17	IT.TERM.KIT for 3Cx95 mm ² 11KV XLPE Cable(outdoor type)	EA	18		-	-	-
1.18	Lightening arrester (12KV, 10KA)	Nos.	12		-	-	-
1.19	40mm nominal bore GI pipe (heavy gauge) earthing device with 3 mtr .Long	Nos.	23		-	-	-
1.20	GI flat 25x6 mm	Kg	300		-	-	-
1.21	GI Bolts, Nuts & Washers of assorted size	Kg	20		-	-	-
1.22	Sundries for Anti climbing device,survey tree cutting , small size nut bolt, Allm. Binding wire / tape	LS	1		-	-	-
2	Supply of materials for 11kV RMU with accessories						
2.1	RMU 11KV 4WAY 630A LLVV(2ISO+2BKR)+FRTU+AUXPT	EA	2		-	-	-
2.2	RMU 11KV 3WAY 630A LLV (2ISO+1BKR)+AUXPT+FRTU	EA	1		-	-	-
2.3	GI Nut , Bolt & Washer of different sizes	Kg	60		-	-	-
2.4	GI flat 50x6 mm	Kg	45		-	-	-
2.5	40mm nominal bore GI pipe (heavy gauge) earthing device with 3 mtr .Long	Nos.	6		-	-	-
3	Supply of materials for Line DP with 400A AB Switch						
3.1	WPB 160x152 (30.44KG/Mtr.),11 mtr- with base plate 300x300x12	Nos.	12		-	-	-
3.2	Pressure channel 100x50x5mm,(2.8M)(9.56kg/mtr)	Kg	321.22		-	-	-
3.3	AB switch mounting channel 75x40x4.8mm,2.8mtr long (7.14kg/mtr)	Kg	239.90		-	-	-
3.4	75x40x4.8mm,CI channel for Bottom of DP 2.8mtr long (7.14kg/mtr)	Kg	239.90		-	-	-
3.5	50x50x6mm angle for cross bracing of DP 3.5 Meter long (4.5kg/Mtr)	Kg	189		-	-	-
3.6	Operating /Handel Channal AB Switch 75x40x4.8mm,1mtr long (7.14kg/mtr)	Kg	42.84		-	-	-
3.7	Earthing device / Support Coil type (GI)	Nos.	12		-	-	-
3.8	No-8 GI Wire Dia 4.6mm 0.131Kg/mtr	Kg	18.86		-	-	-
3.9	11kv Disc insulator (B& S) 45KN	Nos.	18		-	-	-
3.10	11kv H/W fitting (B & S))	Nos.	18		-	-	-
3.11	P G Clamp for 80mm2AAAC	Nos.	18		-	-	-
3.12	AB Switch (11 KV,400A, 16kA/1sec 3 pole,50 Hz) Polymer type insulator (Horizontal Mount)	Set	6		-	-	-
3.13	HT stay set (complete)	Set	24		-	-	-
3.14	Stay insulator	Nos.	24		-	-	-
3.15	Stay clamp	Pair	24		-	-	-
3.16	7/10 G.I stay wire	Kg	240		-	-	-
3.17	40mm nominal bore GI pipe (heavy gauge) earthing device with 3 mtr .Long	Nos.	18		-	-	-
3.18	GI flat 25x6 mm	Kg	270		-	-	-
3.19	Danger Board	Nos.	12		-	-	-
3.20	G I Barbed Wire anticlimbing device 3. kg per support	Kg	36		-	-	-
3.21	GI nuts,bolts and washers	Kg	90		-	-	-
3.22	Back Clamp (25X3 mm. flat) for danger Plate	Kg	3.67		-	-	-
3.23	Back Clamp (25X3mm. Flat) for Barbed wire anticlimbing device	Kg	14.64		-	-	-
3.24	Black Paint	Ltr.	6		-	-	-
3.25	Yellow Colour Paint for Background	Ltr.	12		-	-	-
3.26	Sundries for Anti climbing device,survey tree cutting , small size nut bolt, Allm. Binding wire / tape	LS	6		-	-	-
4	Supply of materials for 500KVA,11/0.4KV Plinth mounted S/s						
4.1	WPB 160x152 (30.44KG/Mtr.),11 mtr- with base plate 300x300x12	Nos.	2		-	-	-
4.2	Earthing support (coil type)	Nos.	2		-	-	-
4.3	No-8 GI Wire Dia 4.6mm 0.131Kg/mtr	Kg	0.52		-	-	-
4.4	Top Pressure GI channel 100x50x5mm, 2.8mtr long (@9.56kg/mtr)	Kg	53.54		-	-	-
4.5	DP structure supporting GI channel 100x50x5 mm each 2.8mtr. Long(@9.56Kg/mtr)	Kg	107.07		-	-	-
4.6	Angle for cross bracing 50x50x6mm Angle (3.5mtrs. Long) @ 4.5Kg/mtr	Kg	31.5		-	-	-
4.7	AB switch and H.G fuse mounting GI channel 75x40x4.8mm,2.8mtr long (7.14kg/mtr)	Kg	79.97		-	-	-
4.8	Cantilever GI channel for supporting AB Switch arm, 75x40x4.8-1 mtr. Long, (7.14 K.g. per mtr.)	Kg	14.28		-	-	-
4.9	Cantilever Angel for supporting AB Switch 50x 50 x6 mm Angel (2mtrs. Long) @ 4.5Kg/mtr	Kg	18		-	-	-
4.10	GI Angle for mounting LT distribution Box 50x50x6 mm-2.5 mtrs. Long (4.5 K.g. per mtr.)	Kg	22.5		-	-	-
4.11	11kv Disc Insulator(B& S) 70KN polymer	Nos.	3		-	-	-
4.12	11 KVHW fitting (B&S)3bolted bolted	Nos.	3		-	-	-
4.13	AB Switch (11 KV,400A, 16kA/1sec 3 pole,50 Hz) Polymer type insulator (Horizontal Mount)	Set	1		-	-	-
4.14	Lightening arrester (12KV, 10KA)	Nos.	3		-	-	-
4.15	H.G. Fuse(11 KV,400 A,3 Pole)with PI	Set	1		-	-	-
4.16	HT stay set (complete)	Set	4		-	-	-
4.17	HT Stay insulator	Nos.	4		-	-	-
4.18	HT Stay clamp(1.95Kg/mtr)	Pair	4		-	-	-
4.19	7/10 SWG G.I stay wire	Kg	40		-	-	-

4.20	LT Distribution Box with MCCB for 500KVA S/S	Nos.	1		-	-	-
4.21	1Cx630 mmsq (Un-Armoured) LT XLPE Cable(from DTR to LTDB) 4nos 8mtr each	Mtr.	32		-	-	-
4.22	80mm2 AAAC	Km	0.05		-	-	-
4.23	40mm nominal bore GI pipe (heavy gauge) earthing device with 3 mtr .Long	Nos.	7		-	-	-
4.24	GI flat 25x4 mm	Kg	24		-	-	-
4.25	GI flat 25x6 mm	Kg	60		-	-	-
4.26	GI Nut, Bolt & Washer of different sizes	Kg	25		-	-	-
4.27	Danger board	Nos.	2		-	-	-
4.28	GI barbed wire anticlimbing device 3Kg. Per support	Kg	6		-	-	-
4.29	Back Clamp (25X3mm. Flat) for Barbed wire anticlimbing device	Kg	2.41		-	-	-
4.30	Back Clamp (25X3 mm. flat) for danger Plate	Kg	0.60		-	-	-
4.31	Black Paint	Ltr.	1		-	-	-
4.32	Yellow Colour Paint for Background	Ltr.	2		-	-	-
4.33	Sundries for Anti climbing device,survey tree cutting , small size nut bolt, Allm. Binding wire / tape	LS	1		-	-	-
5	Supply of materials for 630KVA,11/0.4KV Plinth mounted S/s						
5.1	WPB 160x152 (30.44KG/Mtr.),11 mtr- with base plate 300x300x12	Nos.	2		-	-	-
5.2	Earthing support (coil type)	Nos.	2		-	-	-
5.3	No-8 GI Wire Dia 4.6mm 0.131Kg/mtr	Kg	0.52		-	-	-
5.4	Top Pressure GI channel 100x50x5mm, 2.8mtr long (@9.56kg/mtr)	Kg	53.54		-	-	-
5.5	DP structure supporting GI channel 100x50x5mm each 2.8mtr. Long(@9.56Kg/mtr)	Kg	107.07		-	-	-
5.6	Angle for cross bracing 50x50x6mm Angle (3.5mtrs. Long) @ 4.5Kg/mtr	Kg	31.5		-	-	-
5.7	AB switch and H.G fuse mounting GI channel 75x40x4.8mm,2.8mtr long (7.14kg/mtr)	Kg	79.97		-	-	-
5.8	Cantilever GI channel for supporting AB Switch arm, 75x40x4.8-1 mtr. Long, (7.14 K.g. per mtr.)	Kg	14.28		-	-	-
5.9	Cantilever Angel for supporting AB Switch 50x50x6mm Angel (2mtrs. Long) @ 4.5Kg/mtr	Kg	18		-	-	-
5.10	GI Angle for mounting LT distribution Box 50x50x6 mm-2.5 mtrs.each Long (4.5 K.g. per mtr.)	Kg	22.5		-	-	-
5.11	11kv Disc Insulator(B& S) 70KN polymer	Nos.	3		-	-	-
5.12	11 KVHW fitting (B&S)3bolted bolted	Nos.	3		-	-	-
5.13	AB Switch (11 KV,400A, 16kA/1sec 3 pole,50 Hz)Polymer type insulator (Horizontal Mount)	Set	1		-	-	-
5.14	Lightening arrester (12KV, 10KA)	Nos.	3		-	-	-
5.15	H.G. Fuse(11 KV,400 A,3 Pole)with PI	Set	1		-	-	-
5.16	HT stay set (complete)	Set	4		-	-	-
5.17	HT Stay insulator	Nos.	4		-	-	-
5.18	HT Stay clamp(1.95Kg/mtr)	Pair	4		-	-	-
5.19	7/10 SWG G.I stay wire	Kg	40		-	-	-
5.20	LT ACB 400A	Nos.	2		-	-	-
5.21	1Cx630 mmsq (Un-Armoured) LT XLPE Cable(from DTR to LTDB) 4nos 8mtr each	Mtr.	32		-	-	-
5.22	80mm2 AAAC	Km	0.05		-	-	-
5.23	40mm nominal bore GI pipe (heavy gauge) earthing device with 3 mtr .Long	Nos.	7		-	-	-
5.24	GI flat 25x4 mm	Kg	24		-	-	-
5.25	GI flat 25x6 mm	Kg	60		-	-	-
5.26	GI Nut, Bolt & Washer of different sizes	Kg	25		-	-	-
5.27	Danger board	Nos.	2		-	-	-
5.28	GI barbed wire anticlimbing device 3Kg. Per support	Kg	6		-	-	-
5.29	Back Clamp (25X3mm. Flat) for Barbed wire anticlimbing device	Kg	2.41		-	-	-
5.30	Back Clamp (25X3 mm. flat) for danger Plate	Kg	1.20		-	-	-
5.31	Black Paint	Ltr.	1		-	-	-
5.32	Yellow Colour Paint for Background	Ltr.	2		-	-	-
5.33	Sundries for Anti climbing device,survey tree cutting , small size nut bolt, Allm. Binding wire / tape	LS	1		-	-	-
6	Supply of materials for LT On line by using (3X95+1X95+1X10) sqmm LT cable, ABC, H						
6.1	9 mtr long 300 kg PSC pole	Nos.	44		-	-	-
6.2	WPB 160x152 (30.44KG/Mtr.),9 mtr- with base plate 300x300x12	Nos.	12		-	-	-
6.3	RCC Base Plate for PSC pole	Nos.	44		-	-	-
6.4	No-8 GI Wire Dia 4.6mm 0.131Kg/mtr	Kg	11.53		-	-	-
6.5	Earthing support coil type	Nos.	56		-	-	-
6.6	Pole Clamp for Holding of Supporting of Eye Hook and Dead End Clamp	Nos.	63		-	-	-
6.7	Suspension Clamp with EYE hook For ABC	Pair	56		-	-	-
6.8	Eye hook	Nos.	7		-	-	-
6.9	Dead End Clamp	Nos.	7		-	-	-
6.10	Neutral connector	Nos.	56		-	-	-
6.11	Piercing Connector Type -B Main	Nos.	168		-	-	-
6.12	1.1KV LT AB Cable 4x95+1x95+1x16mm2	km	2.31		-	-	-
6.13	LT Stay Set Complete	Nos.	10		-	-	-
6.14	LT Stay Inasulator	Nos.	10		-	-	-
6.15	LT Stay Clamp for PSC Pole(1.4kg/pair)	Pair	10		-	-	-
6.16	7/12 SWG GI Stay wire	Kg	70		-	-	-
6.17	Danger board	Nos.	56		-	-	-
6.18	GI barbed wire anticlimbing device 3Kg. Per support	Kg	168		-	-	-
6.19	Back Clamp (25X3mm. Flat) for Barbed wire anticlimbing device	Kg	67.40		-	-	-
6.20	Back Clamp (25X3 mm. flat) for danger Plate	Kg	33.70		-	-	-
6.21	GI nuts,bolts and washers	Kg	45		-	-	-
6.22	Black Paint	Ltr.	28		-	-	-
6.23	Yellow Colour Paint for Background	Ltr.	56		-	-	-
6.24	Sundries for Anti climbing device,survey tree cutting , small size nut bolt, Allm. Binding wire / tape	Ls	1		-	-	-
Sub Total (Supply Portion) (in Rs.)							-
PART B: Erection of Materials							
Sl. No.	Description of items	Unit	Quantity (a)	Unit Price (b)	GST @18% (c)	Unit Price All-inclusive (d = b +c)	Total Price All-inclusive (e = a x d)
1	Erection of materials for 11kV, 3Core, 400sqmm, & 3CX95 Sqmm XLPE insulation armoured UG cable with accessories						
1.1	11kV AL 3CX400 Sqmm XLPE Cable armoured A2XCWY-FRLSH	Mtr.	200		-	-	-
1.2	1.1kV Al 4CX300 Sq.mm Armoured Cable A2XWY-FRLSH	Mtr.	20		-	-	-
1.3	11kV AL 3CX95 Sqmm XLPE Cable armoured A2XCWY-FRLSH	Mtr.	260		-	-	-
1.4	GI channel 100x50x5mm, 1.5mtr long (@9.56kg/mtr)	Kg	315.48		-	-	-

1.5	75x40x4.8 mm GI Channel Straight cross arm 1.5 mtr long (@7.14Kg/mt)	Kg	257.04	-	-	-
1.6	HDPE Pipe , (PE80 -PN8, 200 mm dia)	Mtr.	110	-	-	-
1.7	HDPE Pipe , (PE80 -PN8, 160 mm dia)	Mtr.	20	-	-	-
1.8	HDPE Pipe, (PE80-PN8,110mm dia)	Mtr.	140	-	-	-
1.9	Clamp for holding of PVC Pipe with Channel & Angle	Nos.	20	-	-	-
1.10	Clamp for HDPE pipe	Nos.	72	-	-	-
1.11	JT. KIT O/D 1.1 KV XLPE 4X300SQ.MM HS	Nos.	4	-	-	-
1.12	Heat shrinkable jointing kit for 3Cx400 mm2 11 KV XLPE Cable(Straight type)	EA	2	-	-	-
1.13	Heat Srinkable jointing Kit for 3Cx400 mm2 11 KV XLPE Cable (Out door Type)	Nos.	5	-	-	-
1.14	Heat Srinkable jointing Kit for 3Cx400 mm2 11 KV XLPE Cable (In door Type)	Nos.	13	-	-	-
1.15	Heat shrinkable jointing kit for 3Cx95 mm2 11 KV XLPE Cable(Indoor type)	EA	6	-	-	-
1.16	Heat shrinkable jointing kit for 3Cx95 mm2 11 KV XLPE Cable(Straight Type)	EA	6	-	-	-
1.17	Heat shrinkable jointing kit for 3Cx 95mm2 11 KV XLPE Cable(outdoor type)	EA	18	-	-	-
1.18	Lightening arrester (12KV, 10KA)	Nos.	12	-	-	-
1.19	GI flat 25x6 mm	Kg	300	-	-	-
1.20	GI Bolts, Nuts & Washers of assorted size	Kg	20	-	-	-
1.21	Sundries for Anti climbing device,survey tree cutting , small size nut bolt, Allm. Binding wire / tape	LS	1	-	-	-
2	Erection of materials for 11kv RMU with accessories					
2.1	GI Nut , Bolt & Washer of different sizes	Kg	60	-	-	-
2.2	GI flat 50x6 mm	Kg	45	-	-	-
3	Erection of materials for Line DP with 400A AB Switch					
3.1	WPB 160x152 (30.44Kg/Mtr.),11 mtr- with base plate 300x300x12	Nos.	12	-	-	-
3.2	Pressure channel 100x50x5mm,(2.8M)(9.56kg/mtr)	Kg	321.22	-	-	-
3.3	AB switch mounting channel 75x40x4.8mm,2.8mtr long (7.14kg/mtr)	Kg	239.90	-	-	-
3.4	75x40x4.8mm,GI channel for Bottom of DP 2.8mtr long (7.14kg/mtr)	Kg	239.90	-	-	-
3.5	50x50x6mm angle for cross bracing of DP 3.5 Meter long (4.5kg/Mtr)	Kg	189	-	-	-
3.6	Operating /Handel Channal AB Switch 75x40x4.8mm,1mtr long (7.14kg/mtr)	Kg	42.84	-	-	-
3.7	Earthing device / Support Coil type (GI)	Nos.	12	-	-	-
3.8	No-8 GI Wire Dia 4.6mm 0.131Kg/mtr	Kg	18.86	-	-	-
3.9	11kv Disc insulator (B& S) 45KN	Nos.	18	-	-	-
3.10	11kv H/W fitting (B &S))	Nos.	18	-	-	-
3.11	P G Clamp for 80mm2AAAC	Nos.	18	-	-	-
3.12	AB Switch (11 KV,400A, 16kA/1sec 3 pole,50 Hz)Polymer type insulator (Horizontal Mount)	Set	6	-	-	-
3.13	HT stay set (complete)	Set	24	-	-	-
3.14	Stay insulator	Nos.	24	-	-	-
3.15	Stay clamp	Pair	24	-	-	-
3.16	7/10 GI stay wire	Kg	240	-	-	-
3.17	GI flat 25x6 mm	Kg	270	-	-	-
3.18	Danger Board	Nos.	12	-	-	-
3.19	G I Barbed Wire anticlimbing device 3. kg per support	Kg	36	-	-	-
3.20	GI nuts,bolts and washers	Kg	90	-	-	-
3.21	Back Clamp (25X3 mm. flat) for danger Plate	Kg	3.67	-	-	-
3.22	Back Clamp (25X3mm. Flat) for Barbed wire anticlimbing device	Kg	14.64	-	-	-
3.23	Black Paint	Ltr.	6	-	-	-
3.24	Yellow Colour Paint for Background	Ltr.	12	-	-	-
3.25	Sundries for Anti climbing device,survey tree cutting , small size nut bolt, Allm. Binding wire / tape	LS	6	-	-	-
4	Erection of materials for 500KVA,11/0.4KV Plinth mounted S/s					
4.1	WPB 160x152 (30.44Kg/Mtr.),11 mtr- with base plate 300x300x12	Nos.	2	-	-	-
4.2	Earthing support (coil type)	Nos.	2	-	-	-
4.3	No-8 GI Wire Dia 4.6mm 0.131Kg/mtr	Kg	0.52	-	-	-
4.4	Top Pressure GI channel 100x50x5mm, 2.8mtr long (@9.56kg/mtr)	Kg	53.54	-	-	-
4.5	DP structure supporting GI channel 100x50x5 mm each 2.8mtr. Long(@9.56Kg/mtr)	Kg	107.07	-	-	-
4.6	Angle for cross bracing 50x50x6mm Angle (3.5mtrs. Long) @ 4.5Kg/mtr	Kg	31.5	-	-	-
4.7	AB switch and H.G fuse mounting GI channel 75x40x4.8mm,2.8mtr long (7.14kg/mtr)	Kg	79.97	-	-	-
4.8	Cantilever GI channel for supporting AB Switch arm, 75x40x4.8-1 mtr. Long, (7.14 K.g. per mtr.)	Kg	14.28	-	-	-
4.9	Cantilever Angel for supporting AB Switch 50x 50 x6 mm Angel (2mtrs. Long) @ 4.5Kg/mtr	Kg	18	-	-	-
4.10	GI Angle for mounting LT distribution Box 50x50x6 mm-2.5 mtrs. Long (4.5 K.g. per mtr.)	Kg	22.5	-	-	-
4.11	11kv Disc Insulator(B& S) 70KN polymer	Nos.	3	-	-	-
4.12	11 KVHW fitting (B&S)3bolted bolted	Nos.	3	-	-	-
4.13	AB Switch (11 KV,400A, 16kA/1sec 3 pole,50 Hz)Polymer type insulator (Horizontal Mount)	Set	1	-	-	-
4.14	Lightening arrester (12KV, 10KA)	Nos.	3	-	-	-
4.15	H.G. Fuse(11 KV,400 A,3 Pole)with PI	Set	1	-	-	-
4.16	HT stay set (complete)	Set	4	-	-	-
4.17	HT Stay insulator	Nos.	4	-	-	-
4.18	HT Stay clamp(1.95Kg/mtr)	Pair	4	-	-	-
4.19	7/10 SWG G.I stay wire	Kg	40	-	-	-
4.20	LT Distribution Box with MCCB for 500KVA S/S	Nos.	1	-	-	-
4.21	1Cx630 mmsq (Un-Armoured) LT XLPE Cable(from DTR to LTDB) 4nos 8mtr each	Mtr.	32	-	-	-
4.22	80mm2 AAAC	Km	0.05	-	-	-
4.23	GI flat 25x4 mm	Kg	24	-	-	-
4.24	GI flat 25x6 mm	Kg	60	-	-	-
4.25	GI Nut , Bolt & Washer of different sizes	Kg	25	-	-	-
4.26	Danger board	Nos.	2	-	-	-
4.27	GI barbed wire anticlimbing device 3Kg. Per support	Kg	6	-	-	-
4.28	Back Clamp (25X3mm. Flat) for Barbed wire anticlimbing device	Kg	2.41	-	-	-
4.29	Back Clamp (25X3 mm. flat) for danger Plate	Kg	0.60	-	-	-
4.30	Black Paint	Ltr.	1	-	-	-
4.31	Yellow Colour Paint for Background	Ltr.	2	-	-	-

4.32	Sundries for Anti climbing device,survey tree cutting , small size nut bolt, Allm. Binding wire / tape	LS	1		-	-	-
5	Erection of materials for 630KVA,11/0.4KV Plinth mounted S/s						
5.1	WPB 160x152 (30.44KG/Mtr.),11 mtr- with base plate 300x300x12	Nos.	2		-	-	-
5.2	Earthing support (coil type)	Nos.	2		-	-	-
5.3	No-8 GI Wire Dia 4.6mm 0.131Kg/mtr	Kg	0.52		-	-	-
5.4	Top Pressure GI channel 100x50x5mm, 2.8mtr long (@9.56kg/mtr)	Kg	53.54		-	-	-
5.5	DP structure supporting GI channel 100x50x5mm each 2.8mtr. Long(@9.56Kg/mtr)	Kg	107.07		-	-	-
5.6	Angle for cross bracing 50x50x6mm Angle (3.5mtrs. Long) @ 4.5Kg/mtr	Kg	31.5		-	-	-
5.7	AB switch and H.G fuse mounting GI channel 75x40x4.8mm,2.8mtr long (7.14kg/mtr)	Kg	79.97		-	-	-
5.8	Cantilever GI channel for supporting AB Switch arm, 75x40x4.8-1 mtr. Long. (7.14 Kg. per mtr.)	Kg	14.28		-	-	-
5.9	Cantilever Angel for supporting AB Switch 50x50x6mm Angel (2mtrs. Long) @ 4.5Kg/mtr	Kg	18		-	-	-
5.10	GI Angle for mounting LT distribution Box 50x50x6 mm-2.5 mtrs.each Long (4.5 K.g. per mtr.)	Kg	22.5		-	-	-
5.11	11kv Disc Insulator(B& S) 70KN polymer	Nos.	3		-	-	-
5.12	11 KVHW fitting (B&S)3bolted bolted	Nos.	3		-	-	-
5.13	AB Switch (11 KV,400A, 16kA/1sec 3 pole,50 Hz)Polymer type insulator (Horizontal Mount)	Set	1		-	-	-
5.14	Lightening arrester (12KV, 10KA)	Nos.	3		-	-	-
5.15	H.G. Fuse(11 KV,400 A,3 Pole)with PI	Set	1		-	-	-
5.16	HT stay set (complete)	Set	4		-	-	-
5.17	HT Stay insulator	Nos.	4		-	-	-
5.18	HT Stay clamp(1.95Kg/mtr)	Pair	4		-	-	-
5.19	7/10 SWG G.I stay wire	Kg	40		-	-	-
5.20	LT ACB 400A	Nos.	1		-	-	-
5.21	1Cx630 mmsq (Un-Armoured) LT XLPE Cable(from DTR to LTDB) 4nos 8mtr each	Mtr.	32		-	-	-
5.22	80mm2 AAAC	Km	0.05		-	-	-
5.23	GI flat 25x4 mm	Kg	24		-	-	-
5.24	GI flat 25x6 mm	Kg	60		-	-	-
5.25	GI Nut , Bolt & Washer of different sizes	Kg	25		-	-	-
5.26	Danger board	Nos.	2		-	-	-
5.27	GI barbed wire anticlimbing device 3Kg. Per support	Kg	6		-	-	-
5.28	Back Clamp (25X3mm. Flat) for Barbed wire anticlimbing device	Kg	2.41		-	-	-
5.29	Back Clamp (25X3 mm. flat) for danger Plate	Kg	1.20		-	-	-
5.30	Black Paint	Ltr.	1		-	-	-
5.31	Yellow Colour Paint for Background	Ltr.	2		-	-	-
5.32	Sundries for Anti climbing device,survey tree cutting , small size nut bolt, Allm. Binding wire / tape	LS	1		-	-	-
6	Erection of materials for LTOH line by using (4x95+1x95+1x16) sqmm LT XLPE AB Cable						
6.1	9 mtr long 300 kg PSC pole	Nos.	44		-	-	-
6.2	WPB 160x152 (30.44KG/Mtr.),9 mtr- with base plate 300x300x12	Nos.	12		-	-	-
6.3	RCC Base Plate for PSC pole	Nos.	44		-	-	-
6.4	No-8 GI Wire Dia 4.6mm 0.131Kg/mtr	Kg	11.53		-	-	-
6.5	Earthing support coil type	Nos.	56		-	-	-
6.6	Pole Clamp for Holding of Supporting of Eye Hook and Dead End Clamp	Nos.	63		-	-	-
6.7	Suspension Clamp with EYE hook For ABC	Pair	56		-	-	-
6.8	Eye hook	Nos.	7		-	-	-
6.9	Dead End Clamp	Nos.	7		-	-	-
6.10	Neutral connector	Nos.	56		-	-	-
6.11	Piercing Connector Type -B Main	Nos.	168		-	-	-
6.12	1.1KV LT AB Cable 4x95+1x95+1x16mm2	km	2.31		-	-	-
6.13	LT Stay Set Complete	Nos.	10		-	-	-
6.14	LT Stay Insulator	Nos.	10		-	-	-
6.15	LT Stay Clamp for PSC Pole(1.4kg/pair)	Pair	10		-	-	-
6.16	7/12 SWG GI Stay wire	Kg	70		-	-	-
6.17	Danger board	Nos.	56		-	-	-
6.18	GI barbed wire anticlimbing device 3Kg. Per support	Kg	168		-	-	-
6.19	Back Clamp (25X3mm. Flat) for Barbed wire anticlimbing device	Kg	67.40		-	-	-
6.20	Back Clamp (25X3 mm. flat) for danger Plate	Kg	33.70		-	-	-
6.21	GI nuts,bolts and washers	Kg	45		-	-	-
6.22	Black Paint	Ltr.	28		-	-	-
6.23	Yellow Colour Paint for Background	Ltr.	56		-	-	-
6.24	Sundries for Anti climbing device,survey tree cutting , small size nut bolt, Allm. Binding wire / tape	LS	1		-	-	-
Sub Total (Erection Portion) (in Rs.)							-
PART C: Civil & Services							
Sl. No.	Description of items	Unit	Quantity (a)	Unit Price (b)	GST @18% (c)	Unit Price All-inclusive (d = b +c)	Total Price All-inclusive (e = a x d)
1	Civil & Services for RMU Installation						
1.1	BA will provide necessary Manpower,FRP Fencing & Ms Material for construction boundary wall fencing as per TPSODL Drawing, specification & GTP.	Sqm	96		-	-	-
1.2	Supplying, laying, spreading and compacting with hand roller stone aggregate of specified sizes: 63mm to 45mm size stone aggregate to WBM specifications in uniform thickness, hand picking to proper grade and camber, applying and brooming requisite type to fill up interstices of coarse aggregate, watering and compacting to the required density. Scope of work also includes of jungle such as grass, small tree, plant etc.	M3	14.4		-	-	-
1.3	Installation, Testing and Commissioning of 11/33kv 3-way /4-way/5way Ring Main Unit (RMU) on existing structure/foundation as per Specification including grouting & HT Cable Connections,earthing Connections & minor site modifications. Scope of work excludes earthing chamber and construction of foundation.	EA	3		-	-	-
1.4	Construction of 3-way/4-way/5way RMU Plinth with Brick, Mortar, 12 mm cement plaster as per drawing.Scope of work includes excavation of earth for foundation and supply of raw material i.e. sand, cement, bricks and removal of extra malba if any as per site requirement including labour required for the same as per site requirement & With respect to standard drawing .	EA	3		-	-	-

1.5	Provide necessary civil material for construction of Earthing chamber, excavation & installation of including earthing pipe dia up to 100mm dia for length of 3Mtr. Scope also includes necessary nutbolt, 25 Kg Bentonide Power , connection & welding with incoming earth flat. The work to be executed as per standard drawing & design	EA	6		-	-	-
2	Civil & Services for cable trench for UG cabling & DTR installation						
2.1	Provide necessary civil material for construction of Earthing chamber, excavation & installation of including earthing pipe dia up to 100mm dia for length of 3Mtr. Scope also includes necessary nutbolt, 25 Kg Bentonide Power , connection & welding with incoming earth flat. The work to be executed as per standard drawing & design	Nos.	74		-	-	-
2.2	Civil cost for making TRF plinth from 250KVA of upto 1000KVA. BA has to provide necessary civil material, manpower, machinery for construction of plinth as per standard drawing	Nos.	2		-	-	-
2.3	Brick Boundary wall with sand filling and metal spreading, Fixing of Iron grill gate with locking arrangement etc as per TPSODL specification	RM	36		-	-	-
2.4	Supplying, laying, spreading and compacting with hand roller stone aggregate of specified sizes: 63mm to 45mm size stone aggregate to WBM specifications in uniform thickness, hand picking to proper grade and camber, applying and brooming requisite type to fill up interstices of coarse aggregate, watering and compacting to the required density. Scope of work also includes of jungle such as grass, small tree, plant etc.	M3	6		-	-	-
2.5	Reerrection of 630+500 KVA, 11/0.4KV DPM S/S	Nos.	2		-	-	-
3	Civil works with supply of all materials like cement, MS tor rod, brick, coarse & fine aggregates and labour, T&P, etc for UG Cable Trench-Route Length						
3.1	Excavation of cable trench length (3 mtr W X 3 mtr D) by providing all necessary tool, Manpower, pump etc suitable for HT & LT Cable laying. Scope also includes supply of necessary barricades at the excavation site.	M3	340.2		-	-	-
3.2	Provide all necessary Manpower, Tool, Tackles, Barricades, Dewatering pump, Gunny bags, Compressor for excavation (3 mtr W X 3 mtr D) in Hard Surface.	M3	113.4		-	-	-
3.3	Back fill the cable excavation site with same earth (3 mtr W X 3 mtr D). Scope also includes provide of necessary Tools, Machinery & Manpower for the activity.	M3	362.88		-	-	-
3.4	Supply all materials required for backfilling and has to carry out the job of backfilling with sand, as per DISCOM Standards	M3	28.35		-	-	-
3.5	Damage of asphalt/tar road and other utilities and reconstructing to bring to its original shape after laying of cable in open trench (1mtr. width)	KM	0.70		-	-	-
3.6	Making Trenchless ducts upto 200 mm dia through Single Pipe by HDD method using HDD machine. Scope of work includes pulling of any grade of HDPE Pipe, Jointing of the pipes , cable laying through HDPE Pipe and disposal of debris . Cable and HDPE pipe shall be free issued from DISCOM's store.	Mtr.	2905		-	-	-
4	Jointing Area Brick Chamber (2.1 mtr. L X 1 mtr W X 0.6 mtr D)		8		-	-	-
4.1	PCC (1:3:6(M-10 Grade)) below trench (Length 2100 mm, width 1000mm, thickness 75mm throughout)	M3	1.26		-	-	-
4.2	Brick work Both Sides (2.1 mtr. L X 0.19 mtr W X 0.5 mtr D) with F.P.S. bricks of class designation 75mm in Cement mortar 1:4 (1 Cement : 4 Coarse sand) as per standard specification. Scope includes supply of all material	M3	2.87		-	-	-
4.3	15 mm cement plaster, All Sides (2.13+0.21 mtr. L X 0.5 mtr W) on the rough side of single brick wall of mix -1:4 (1 Cement : 4 Fine sand (50 % fine :50% coarse)) as per standard specification. Scope includes supply of all material.	M2	18.72		-	-	-
4.4	Supply and erection of material for RCC partition slab 800mmX250mmX75mm (M-25 grade)- 9 Nos. with supply of all civil material (Cement, Sand & 10 to 12mm stone aggregate), with 8mm dia R/f cutting & bending etc.	M2	14.4		-	-	-
5	Cable looping Chamber with Brick at one side of joint (2.8 mtr. X 2.8 mtr.)		42		-	-	-
5.1	PCC (1:3:6(M-10 Grade)) below trench (Length 2800 mm, width 2800mm, thickness 75mm throughout)	M3	24.70		-	-	-
5.2	Brick work Both Sides (2.8 mtr. L X 0.19 mtr W X 0.5 mtr D) with F.P.S. bricks of class designation 75mm in Cement mortar 1:4 (1 Cement : 4 Coarse sand) as per standard specification. Scope includes supply of all material	M3	22.34		-	-	-
5.3	15 mm cement plaster, All Sides (2.83+0.21 mtr. L X 0.5 mtr W) on the rough side of single brick wall of mix -1:4 (1 Cement : 4 Fine sand (50 % fine :50% coarse)) as per standard specification. Scope includes supply of all material.	M2	127.68		-	-	-
5.4	Supply and erection of material for RCC partition slab 800mmX250mmX75mm (M-25 grade)- 12 Nos. with supply of all civil material (Cement, Sand & 10 to 12mm stone aggregate), with 8mm dia R/f cutting & bending etc.	M2	100.8		-	-	-
6	Supply, Laying of 150 mm wide 100 micron thick Red colour LDPE warning tape with desired printing as per latest drawing & specifications including all accessories. (If standard specifications is not available then relevant IS will be applicable)	Mtr.	30		-	-	-
7	Supply and Installation of cable Route marker	EA	50		-	-	-
8	Couping with C.C. 1:1.5:3, 0.1125 Cum	Nos.	72		-	-	-
9	Concreting of support C.C. 1:1.5:3, 0.45 Cum.	Nos.	16		-	-	-
10	Concreting of poles in ratio 1:1.5:3 for 9 Mtr PSC Poles	Nos.	56		-	-	-
11	Cement concreting for stay anchor plate with C.C. 1:2:4, 0.2 Cum	Nos.	42		-	-	-
12	Dismantle of (630+500)KVA, 11/0.4KV DPM S/S	Nos.	2		-	-	-
13	Dismantling Charges of Joist Pole (HT=27+3+1, LT-11)	Nos.	42		-	-	-
14	Dismantle of 11KV line (34-Span)	Mtr.	2300		-	-	-
15	Dismantle of LT line	Mtr.	1500		-	-	-
16	Dismatting charges of PSC pole (HT=3, LT=31)	Nos.	34		-	-	-
17	Survey and digitization of New PTR/BAY/CB and its internals including attributes	Nos.	3		-	-	-

18	Survey of incremental/delta network and assets changes of 11 kV network and updation in GESW databas	Km	1.32		-	-	-
19	Survey of incremental/delta network and assets changes of LT network and updation in GESW databas	Km	2.31		-	-	-
20	Survey and digitization of New DSS and its internals including attrubutes	Nos.	2		-	-	-
21	Survey and digitization of New MCCB/LTDB and its internals including attrubutes	Nos.	2		-	-	-
Sub Total (Civil Portion) (in Rs.)							-
Total (Supply + Erection + Civil Works) of BED -II							-
Total (Supply + Erection + Civil Works) of BED-I							-
Grand Total of BED-I & BED-II							-

Provisional Vendor List for New connection/Deposit works for TPSODL August 2025						 TP SOUTHERN ODISHA DISTRIBUTION LIMITED (A Joint Venture of Tata Power and Government of Odisha)
Sr. No	Description of Material/ Equipment	Manufacturer Name	Contact Address	Contact Person	Contact No.	Email ID
1	HT Outdoor Type Vacuum Circuit Breaker(VCB)	M/s CG Power & Industrial Solutions Ltd, Maharashtra	A-3, MIDC, Pandavleni, Ambad, Nashik, Maharashtra	Mr. Gaurav Dhikale	9370417581	gaurav.dhikale@cgglobal.com
		M/s STELMEC Ltd.	Palghar, Maharashtra, GAOTHAN PADA NO.2 SHED NO. 3,4 & 5 PALGHAR 401303	Rajesh kr Sethi	9934313940 7008851731	rajesh.sethi@stelmec.com
		M/s Schneider Electric Infrastructure Ltd,Bhubaneswar	14,Forest Park,Bhubaneswar-751009	Mr. Girija Patnaik	9937062964	girija.patnaik@schneiderelectric.com
		BHEL	BHEL House, Siri Fort, New Delhi - 110049, India	Mr. Bipul	7504663475	
		M/s SIEMENS Ltd, Goa	L-6,Verna Industrial Estate, Verna Salcete, Goa	Mr. Utpal Roy	9748255175	utpal.roy@siemens.com
2	HT Indoor Type Vacuum Circuit Breaker(VCB)	M/s ABB INDIA Ltd, Maharashtra	Plot No.34, MIDC Industrial Area,Satpur, Nashik, Maharashtra	Mr. Saibal Majumdar	9007000365	saibal.majumdar@in.abb.com
		M/s ABB INDIA Ltd, Maharashtra	Plot No.34, MIDC Industrial Area,Satpur, Nashik, Maharashtra	Mr. Saibal Majumdar	9007000365	saibal.majumdar@in.abb.com
		M/s CG Power & Industrial Solutions Ltd, Maharashtra	A-3, MIDC, Pandavleni, Ambad, Nashik, Maharashtra	Mr. Gaurav Dhikale	9370417581	gaurav.dhikale@cgglobal.com
		BHEL	BHEL House, Siri Fort, New Delhi - 110049, India	Mr. Bipul	7504663475	
		M/s SIEMENS Ltd, Goa	L-6,Verna Industrial Estate, Verna Salcete, Goa	Mr. Utpal Roy	9748255175	utpal.roy@siemens.com
3	33 kV Ring Main Unit	M/s Schneider Electric Infrastructure Ltd,Bhubaneswar	14,Forest Park,Bhubaneswar-751009	Mr. Girija Patnaik	9937062964	girija.patnaik@schneiderelectric.com
		M/s Lucy Electric India Pvt Ltd, Maharashtra	H-21, MIDC Ambad, Nashik, Maharashtra	Mr. Pratap Throat	9960867888	Pratap.Thorat@lucyelectric.com
		M/s ABB INDIA Ltd, Maharashtra	Nashik, Maharashtra	Mr. Saibal Majumdar	9007000365	saibal.majumdar@in.abb.com
		C-sec Technologies Pvt. Ltd.	C-Sec Technologies Pvt. Ltd. Plot No.-10, Sector - 11, IIE, Ranipur, Haridwar, Uttarakhand, India, Pin Code-249403	Ankur Guha Thakurta	9831689754	ankur.g@c-sec.co.in
		M/s SIEMENS Ltd, Goa	L-6,Verna Industrial Estate, Verna Salcete, Goa	Mr. Utpal Roy	9748255175	utpal.roy@siemens.com
4	11 kV Ring Main Unit	M/s Schneider Electric Infrastructure Ltd,Bhubaneswar	14,Forest Park,Bhubaneswar-751009	Mr. Girija Patnaik	9937062964	girija.patnaik@schneiderelectric.com
		M/s Eaton Power Quality Pvt Ltd	EVR Street, Sedarapet, Pondicherry	Mr. Pritam Maiti Mr. Swarnadi Mukherjee	7291029069 9007026607	PRITAMKMaiti@eaton.com swarnadiomukherjee@eaton.com
		C-sec Technologies Pvt. Ltd.	C-Sec Technologies Pvt. Ltd. Plot No.-10, Sector - 11, IIE, Ranipur, Haridwar, Uttarakhand, India, Pin Code-249403	Ankur Guha Thakurta	9831689754	ankur.g@c-sec.co.in
		M/s Lucy Electric India Pvt Ltd, Maharashtra	H-21, MIDC Ambad, Nashik, Maharashtra	Mr. Pratap Throat	9960867888	Pratap.Thorat@lucyelectric.com
		M/s ABB INDIA Ltd, Maharashtra	Plot No.79,Street No. 17, MIDC Industrial Area,Satpur, Nashik, Maharashtra	Mr. Saibal Majumdar	9007000365	saibal.majumdar@in.abb.com
5	HT 630 KVA CSS	M/s SIEMENS Ltd, Goa	L-6,Verna Industrial Estate, Verna Salcete, Goa	Mr. Utpal Roy	9748255175	utpal.roy@siemens.com
		M/s Eaton Power Quality Pvt Ltd,Pondichery	EVR Street, Sedarapet, Pondicherry	Mr. Pritam Maiti Mr. Swarnadi Mukherjee	7291029069 9007026607	PRITAMKMaiti@eaton.com swarnadiomukherjee@eaton.com
		M/s Sudhir Power, Haryana	Plot No. 92, Sector - 8, IMT Manesar, Gurgaon – 122 050, Haryana, India	Mr. Amit S Rana	7906917260	amitsrana@sudhirpower.com
		M/s CONQUERENT	MADHU - Corporate Office 62 Rani Jhansi Road New Delhi 110055 (+91-11) 43568604-05-06	Madhu group	8130211880-84	sales@ConQuerent.IN info@ConQuerent.IN
6	11/0.4KV DTR: 25,63,100,250,500 KVA	M/s Maa Durga Transformer	At/P.O. Tankua, Jeypore, Dist: Koraput-764003	Pradip Ray	9861154498	mdt19881@gmail.com
	11/0.4KV DTR: 25,63,100,250,500,1250 KVA	M/s Alfa Transformers Ltd,Bhubaneswar	Plot No.3337,Mancheswar Industrial Estate,Rasulgarh,Bhubaneswar,Odisha	Mr.Debasis Das	9437007700	debasis.das@alfa.in sales@alfa.in info@alfa.in
	11/0.4KV DTR: 25,63,100,250,500 KVA	M/s Neelata Transformer	Dangaguda, Jeypore, Odisha-764001	Truptiranjana Sahoo	9437077016/ 9437312727	neelataragroup@gmail.com
	11/0.4KV DTR: 25,63,100,250,500 KVA	M/s Siliguri Works	Khaprail Road, Siliguri, Darjeeling, West Bengal- 764010	Lanan Prasad Singh	9733309977 9832672470	contact.sew@gmail.com
	11/0.4KV DTR: 25,63,100 KVA	M/s United Electrical & Engineering Pvt. Ltd	NH-16, Ankuli, Berhampur, Ganjam, Odisha-760010	Padip Kumar Nayak	9937004008 / 9337337700	unitedorissa@yahoo.in
	11/0.4KV DTR: 25,63,100,250,500 KVA	M/s Shirdi Sai Electricals Limited	3rd Floor, Green Land Road, G Pulla Reddy Building, Begumpet Hyderabad, Telangana- 500016	Mr.K Kiran Kumar	7799885809	marketing@ssel.in
	11/0.4KV DTR: 25,63,100,250,500 KVA	M/s Orissa Transformers Pvt. Ltd.,Bhubaneswar	53/73, Sector-A, Zone-B, Mancheswar Industrial Estate, Bhubaneswar-751010	Mr. Jiban Kumar Badu	9437307224 8328838815	otplkb@gmail.com
	11/0.4KV DTR: 25,63,100 KVA	M/s Suvam Transmission Pvt Ltd, Bhubaneswar	Kesura, Jharpada, Bhubaneswar,Odisha	Mr.Harihar Parida	9090968905	stpl.bhubaneswar@gmail.com
	11/0.4KV DTR: 25,63,100,250 KVA	M/s Gram Tarang Employability Training Services Pvt Ltd, Khurda	Jatani, Khurda,Odisha	Mr. Manoj Kumar Nayak	9338123532	manoj.nayak@gramtarang.org.in
	11/0.4KV DTR: 25,63,100,250 & 500 KVA	M/s Orissa Engineering Udyog Pvt. Ltd,Jagatpur,Cuttack	At-53/17,Jagatpur Industrial Estate,Phase-3,Jagatpur,Cuttack,Odisha	Er. W. Z. Khan	9861050293 9238412786	oeu_wzk2003@yahoo.com oeu.groups@gmail.com
	11/0.4KV DTR: 25,63,100,250 KVA	M/s Power Linc Transformer Pvt Ltd,Bhubaneswar	Mancheswar,Bhubaneswar	Mr.K C Mishra	9437025806	powerlinc.bbsr@gmail.com
	11/0.4KV DTR: 25,63,100 KVA	M/s Powertech & Technology,Cuttack	IDCO Plot No.80/O,Phase-III ,New I.E,Jagatpur,Cuttack,Odisha	Mr.Debasis Bhoi	9437120176 9437339639	powertechtechnology25@gmail.com



Provisional Vendor List for New connection/Deposit works for TPSODL						 TP SOUTHERN ODISHA DISTRIBUTION LIMITED (A Joint Venture of Tata Power and Government of Odisha)
Sr. No	Description of Material/ Equipment	Manufacturer Name	Contact Address	Contact Person	Contact No.	Email ID
	11/0.4KV DTR: 25,63,100,160,250,315,500 KVA	M/s Apolo Transformer, Cuttack	Balisahi, Khapuria (OGP), Cuttack	Mr. Samir Mohan Das	9439551221 9437027885	apolotransformer@gmail.com
	11/0.4KV DTR: 25,63,100 KVA	M/s Akhandalamani Electricals & Constructions, Cuttack	Kuspangi, Cuttack, Odisha	Mr. Prabhat Kumar Rout	9438873224	pravat@aecinfrastucture.com
	11/0.4KV DTR: 25,63,100,250 KVA 11/0.240KV DTR: 16 KVA	M/s Orissa Industrial Equipments Pvt. Ltd., Bhubaneswar	Plot no S/72, Sec A, Zone A, Mancheswar Industrial State, Bhubaneswar, Odisha	Mr. Jiban Kumar Badu	9437307224	pieplsb@gmail.com
	11/0.4KV DTR: 25,63,100,250 & 500KVA 11/0.240KV DTR: 16 KVA	M/s Microtek Transformers Pvt Ltd, Balasore	Kuruda, (NH-5), Near Kuruda Flyover, Balasore	Mr. Rajiv Shah Mr. Alok Ranjan Mallick	9437066509 9439841872	menterprises761@gmail.com microtek_trans@yahoo.com
	11/0.4KV DTR: 25,63,100,250,500 KVA	M/s Synergy Power Equipment Pvt Ltd, Jamshedpur	Road#17, Jawahar Nagar, Mango, Jamshedpur-831020 Jharkhand	Mrs. Sangeeta Yadav	7485093673	synergypower18@yahoo.com
	11/0.4KV DTR: 25,63,250,500 KVA 11/0.240KV DTR: 16,25 KVA	M/s Toshiba T & D Systems (India) Pvt Ltd, Telangana	Rudramam, Patancheru Mandal, Sangareddy District, Telangana-502329	Mr. T Dhanraj	9573377652	srinikhitha.durgempudi@toshiba-ttdi.com mahesh.katepalli@toshiba-ttdi.com
7	HT Polymer Pin & Disc Insulator	M/s Rashtriya Electricals & Engineering Corporation Pvt Ltd, Ghaziabad	C-2-3, Sector-A-3, Tronica City, Ghaziabad, Uttar Pradesh	Mr. Sanjeev Goyal Mr. Lalit	8048409175 8860040606	jalit@rashtrivaelectrical.com
		M/s SUN Kouture LLP	Khasara No. 1300 MI behind Shiv pottery GT Road, Near BSNL SDO office, Neherupur, Khurja PIN- 203131 BSR (U.P)	SUN Kouture LLP	9871644666	sunkouturellp@gmail.com
		M/s Hindustan Chemicals, Khurja, UP	NH-91, G.T Road, Near Telephone Exchange, Khurja, Uttar Pradesh-203131	Mr. Shomil Gupta	9690011869 9837057759	sales@hindustanchemicals.com
		M/s Hobb International, Howrah	Jalan Complex, Howrah, West Bengal	Mr. Pratik Hore Mr. Vedant Balasaria	8017733646 9830079313	ketul@scenariopower.com scenario.power@gmail.com
		M/s Scenario Powertech Pvt Ltd, Gujrat	Survey No.82/P, Gambhirpura, Vavdi-Harsol Road, Talod, Sabarkantha, Gujarat, India-383305	Mr. Ketul Patel Mr. Yashdip Patel	9925246612 9898137221	arnab.adinathindus@gmail.com info@primeinsulators.com
		M/s Adinath Industries, Rajasthan	Plot No. E-45(G-2), RICCO Ind. Area, Khushkhhera, Bhiwadi, Dist. Alwar, Rajasthan- 301019 (INDIA)	Mr. Arnab Mitra	9830195664	arnab.adinathindus@gmail.com
		M/s Prime Insulators Pvt Ltd, Gujarat	Ceramic Zone, Block no. 134/P2, Dulpur, TA Prantij, Sabarkantha, Gujarat, INDIA (383 120).	Mr. Mohan Krishna	9925237312 9879521374	info@primeinsulators.com sales@primeinsulators.com
		M/s Ele Chem Systems Pvt. Ltd, Punjab	Plot No:- 524-525, Phase - IX, Industrial Area, Mohali, Punjab-160062 (India)	M/s Neha	8872080082	elesystems1@gmail.com elechemindia123@gmail.com
		M/s Jainco Transmission Ltd, Howrah	Jalan Complex, Gate No. 1, Lane No. 7, NH-6, Howrah, West Bengal	Mr. Pratul Ghosh	9831607956	engg@jainco.net
		M/s Prithvi Industries Pvt. Ltd., Howrah	PB Samaddar Industrial Area, Vill: Ruia, Mouza: Popatulia, 24 North Parganas, Kolkata, West Bengal-700119	Mr. Sanjib Kumar Pal	9438344128	inquiry.prithvi@gmail.com
8	12KV, 10KA Polymeric Lighting Arrestor	M/s Elektrolites Power Pvt Ltd, Jaipur	E-148 to 150, RIICO Industrial Area, Bagru, Jaipur, Rajasthan-302007	Ms. Alisha Garg	8696948980	alisha.garg@elektrolites.com
		M/s Engineer Enterprise, Rajasthan	F-112, RIICO Industrial Area Extn., Phase-2, Bagru, Jaipur, Rajasthan	Mr. Hari	8058191595	marketing@eeenterprise.in
		M/s New Aquaria Electech Pvt. Ltd., Telangana	Plot No.30, Kucharam Industrial Park, Toopran, Mandal, Medak, Telangana	Mr. Karthik C Mr. Raghabendra	8806667604 9538880209	sales@newaquariaelectech.com raghu@newaquariaelectech.com
		M/s Oblum Electrical Industries Pvt Ltd, Hyderabad	A-16&17, Assisted Private Industrial Estate, Balanagar, Hyderabad, Telangana-500037	Mr. Prasanna	9666218445	sales@oblum.co.in technical@oblum.co.in prasanna@oblum.co.in
		M/s Orange Power T&D Equipments(P) Ltd, Bangalore	# 2, SSI Area, 1st Cross, Rajaji Nagar, Bangalore, Karnataka	Mr. Chetan Bhurat	9980533011	sales@orangepower.co.in
		M/s SHREE RADHE INDUSTRIES	Plot no -86, Alindra GIDC, Manjusar, Ta-Savli, Dist-Vadodara-391775, Mob: 9879978170	1. Mr. Anurag Jha	6351323319 9983520057	sales@shreeradheindustries.com
9	30KV, 10KA Polymeric Lighting Arrestor	M/s Elektrolites Power Pvt Ltd, Jaipur	E-148 to 150, RIICO Industrial Area, Bagru, Jaipur, Rajasthan-302007	Ms. Alisha Garg	8696948980	alisha.garg@elektrolites.com
		M/s Engineer Enterprise, Rajasthan	F-112, RIICO Industrial Area Extn., Phase-2, Bagru, Jaipur, Rajasthan	Mr. Hari	8058191595	marketing@eeenterprise.in
		M/s Oblum Electrical Industries Pvt Ltd, Hyderabad	A-16&17, Assisted Private Industrial Estate, Balanagar, Hyderabad, Telangana-500037	Mr. Prasanna	9666218445	sales@oblum.co.in technical@oblum.co.in prasanna@oblum.co.in
		M/s New Aquaria Electech Pvt. Ltd., Telangana	Plot No.30, Kucharam Industrial Park, Toopran, Mandal, Medak, Telangana	Mr. Karthik C Mr. Raghabendra	8806667604 9538880209	sales@newaquariaelectech.com raghu@newaquariaelectech.com
		M/s SHREE RADHE INDUSTRIES	Plot no -86, Alindra GIDC, Manjusar, Ta-Savli, Dist-Vadodara-391775, Mob: 9879978170	1. Mr. Anurag Jha	6351323319 9983520057	sales@shreeradheindustries.com
		M/s Orange Power T&D Equipments(P) Ltd, Bangalore	1st Cross Small Scale Industrial Area, Rajajinagar, Bangalore -560010 Phone-23356615	Mr. Chetan Bhura	9980533011	orange.power@rediffmail.com
		M/s Ultima Switchgears Ltd., Noida	F-6/F-7, UPIIDC, Surajpur Industrial Area, Greater Noida, UP-201336	Mr. Vansh Parmar	9582221901 9953233568	vdp@ultimaswitchgear.com
		M/s Panchkari Kayal & Co, Howrah	Balitkuri, Surkumill, Howrah, West Bengal-711113	Mr. Sandip Hazra	9831429252 8585068611	info.panchkari@gmail.com
		M/s High Tension Electrical Equipments Pvt. Ltd, Howrah	101, C Road, Belgachia, Dasnagar, Howrah, West Bengal	Mr. Kaushik Das	9831906005	comml@hightension.in



Provisional Vendor List for New connection/Deposit works for TPSODL						 (A Joint Venture of Tata Power and Government of Odisha)
Sr. No	Description of Material/ Equipment	Manufacturer Name	Contact Address	Contact Person	Contact No.	Email ID
10	11 KV Polymer type AB Switch & HG FUSE	M/s Sigma Power Industries, Cuttack	Plot no-18, Low Laying Area, Industrial Estate, Khapuria, Madhupatna, Cuttack, 753010, Odisha	Mr. Debankar Biswal	9755550290	sigmapower2020@gmail.com
		M/s Indian Power Industries, Cuttack	Jhikiria, 42 Mouza, Cuttack, Odisha- 754112	Mr. Bholanath Patra	9937091838 7978602614	indianpower123@gmail.com
		M/s National Casting & Engineering Co., Cuttack	Nayabazar, Cuttack, Odisha- 753004	Mr. Amit Dingal Mr. Salil Kumar Dingal	9937444762 7008811568	salil_switchgear@rediffmail.com ncec1986@gmail.com
		M/s BAID ELECTRICALS	32, EZRA STREET ,SOUTH BLOCK , 8TH FLOOR. ROOM NO. 812 A KOLKATA-700001	Mr. PRAVEEN KR. BAID	M- 09432210061 M- 09831483305	<a href="mailto:BaidElectricals<baidelctrcals@yahoo.com>">Baid Electricals <baidelctrcals@yahoo.com>
		M/s Pramoda Engineering Works	S3/12, Phase-2, New industrial Estate, Jagatpur, Cuttack, Pin 754021 odisha.	Mr. Rakesh malla.	9078071194 9437975180	pramodaengineeringworks@yahoo.in
		M/s Kishan Enterprises	115, Mahatma Gandhi Road, Kolkata 700007	Mr. Kishan Jhunjunwala	7044360716 9831163516	kishanenterprises@hotmail.com
11	33 KV Polymer type AB Switch & HG FUSE	M/s Sigma Power Industries, Cuttack	Plot no-18, Low Laying Area, Industrial Estate, Khapuria, Madhupatna, Cuttack, 753010, Odisha	Mr. Debankar Biswal	9755550290	sigmapower2020@gmail.com
		M/s Ultima Switchgears Ltd., Noida	F-6/F-7, UPIIDC, Surajpur Industrial Area, Greater Noida, UP-201336	Mr. Vansh Parmar	9582221901 9953233568	vdp@ultimaswitchgear.com
		M/s Panchkari Kayal & Co, Howrah	Balitkuri, Surkumill, Howrah, West Bengal-711113	Mr. Sandip Hazra	9831429252 8585068611	info.panchkari@gmail.com
		M/s High Tension Electrical Equipments Pvt. Ltd, Howrah	101, C Road, Belgachia, Dasnagar, Howrah, West Bengal	Mr. Kaushik Das	9831906005	comm1@hightension.in
		M/s Indian Power Industries, Cuttack	Jhikiria, 42 Mouza, Cuttack, Odisha- 754112	Mr. Bholanath Patra	9937091838 7978602614	indianpower123@gmail.com
		M/s National Casting & Engineering Co., Cuttack	Nayabazar, Cuttack, Odisha- 753004	Mr. Amit Dingal Mr. Salil Kumar Dingal	9937444762 7008811568	salil_switchgear@rediffmail.com ncec1986@gmail.com
		M/s BAID ELECTRICALS	32, EZRA STREET ,SOUTH BLOCK , 8TH FLOOR. ROOM NO. 812 A KOLKATA-700001	Mr. PRAVEEN KR. BAID	M- 09432210061 M- 09831483305	<a href="mailto:BaidElectricals<baidelctrcals@yahoo.com>">Baid Electricals <baidelctrcals@yahoo.com>
		M/s Kishan Enterprises	115, Mahatma Gandhi Road, Kolkata 700007	Mr. Kishan Jhunjunwala	7044360716 9831163516	kishanenterprises@hotmail.com
12	33 kV Isolator 400/630/800/1250A with & without Earth Switch	M/s. High Tension Electrical Equipments Pvt. Ltd, Howrah	101, C Road, Belgachia, Dasnagar, Howrah, West Bengal	Mr. Kaushik Das	9831906005	comm1@hightension.in
		M/s Ultima Switchgears Ltd., Noida	F-6/F-7, UPIIDC, Surajpur Industrial Area, Greater Noida, UP-201336	Mr. Vansh Parmar	9582221901 9953233568	vdp@ultimaswitchgear.com
		M/s Panchkari Kayal & Co, Howrah	Balitkuri, Surkumill, Howrah, West Bengal-711113	Mr. Sandip Hazra	9831429252 8585068611	info.panchkari@gmail.com
13	11kV Isolator 400/630/800/1250A with & without Earth Switch	M/s Panchkari Kayal & Co, Howrah	Balitkuri, Surkumill, Howrah, West Bengal-711113	Mr. Sandip Hazra	9831429252 8585068611	info.panchkari@gmail.com
		M/s. High Tension Electrical Equipments Pvt. Ltd, Howrah	101, C Road, Belgachia, Dasnagar, Howrah, West Bengal	Mr. Kaushik Das	9831906005	comm1@hightension.in
		M/s Ultima Switchgears Ltd., Noida	F-6/F-7, UPIIDC, Surajpur Industrial Area, Greater Noida, UP-201336	Mr. Vansh Parmar	9582221901 9953233568	vdp@ultimaswitchgear.com
14	LT XLPE AB Cable	M/s Paramount Communications Ltd, Haryana	Plot No.37, Industrial Estate, Dharuhera, Rewari, Haryana-123106	Mr. Manoj Verma	9958898025	manoj@paramountcables.com
		M/s Akhandalamani Electricals & Constructions, Cuttack	Kuspangi, Cuttack, Odisha	Mr. Prabhat Kumar Rout	9438873224	pravat@aecinfrastucture.com info@aecgroup.in
		M/s Jain Associates	VILL. BAHADURPUR, P.O. NAGAL KHAJURI-135001, YAMUNANAGAR, HARYANA, INDIA	Mr. Kamal Jain Mr. Gagan madiya	8930330018 9315526641	officejainassociates@gmail.com
		M/s Ravi Industries	SECTOR-53, PHASE-3, KUNDLI, SONIPAT HARYANA-131028	Mr. Deepak Goyal	9810019276	tendermarketing1@deegeelitecables.com deepakgoyal@deegeelitecables.com
		M/s Laser Power & Infra Pvt Ltd, Howrah	AT/P.O. : NH-6, Polypark, Dhulagore, Howrah-711302	Mr. Aniruddha Banerjee Mr. Sujib Goswami	9674763567 9674761456	lab.poly2016@gmail.com sales@laserpowerinfra.com
		M/s Dynamic Cables Ltd, Jaipur	F-260, Road No. 13, VKIA, Jaipur - 302013	Mr. S. Kadam	9001096020	info@dynamiccables.co.in
		M/s Finecab Wires & Cables Pvt. Ltd.	Plot no.6 & 20, IDA, Phase - IV, Patancheru, Medak Dist - 502319, Telangana	G. DAVID RAJU	9885120052	gdr.finecab@gmail.com
		M/s Havells India Pvt. Ltd, Rajasthan	Plot no. A/461-462 & SP-215, 204 & 204(A), Matsya Industrial Area, Alwar, Rajasthan	Mr. Rudra Prasad Jena Mr. Barun Mishra	9937051045 8018041545	rudraprasad.jena@havells.com barun.mishra@havells.com
		M/s Pobon DPC & Cables Pvt. Ltd, Balasore	Nayakbanda, Bidu, Soro, Balasore, Odisha	Mr. Chandra Sekhara Mohanty	9777277719	pobondpccables@gmail.com
		M/s Polytech Wire and Cables Pvt. Ltd, Rourkela	Gurundia, Lathikata, Rourkela, Sundergarh, Odisha	Mr. Biswajit Pattanaik	8260500168 9776685251	polytechwireandcable@gmail.com
		M/s Sterilite Technologies Ltd, Mumbai	9B & 9C, 9th Floor, South Tower, Godrej One, Pirojshanagar, Vikhroli (East), Mumbai - 400079	Mr. Ashish Goyal		ashish.goyal@stl.tech
		M/s Finolex Cables Limited, Bhubaneswar	677, Rudrapur, NH-16, PO: Pahal, Opp Kali Mandir, Bhubaneswar - 752101, Orissa		0674-2602971922 0674-2971188	florissa@finolex.com
		M/s Universal Cables Limited, Madhya Pradesh	Birla Vikas, Satna, Madhya Pradesh-485005	Mr. A. Bose		kolkata@unistar.co.in sales@unistar.co.in
		M/s Dynamic Cables Ltd, Jaipur	F-260, Road No. 13, VKIA, Jaipur - 302013	Mr. S. Kadam	9001096020	info@dynamiccables.co.in
		M/s Gloster Cables Ltd, Telengana	310/E, NH 44, Kallakal Village, Manoharbad (Mndl), MEDAK, Telengana 502336	Mr. Rajesh Kumar Dutta (Cable Division)	9327239364	rkdutta@glostercable.com marketing@glostercable.com



Provisional Vendor List for New connection/Deposit works for TPSODL						 TP SOUTHERN ODISHA DISTRIBUTION LIMITED (A Joint Venture of Tata Power and Government of Odisha)
Sr. No	Description of Material/ Equipment	Manufacturer Name	Contact Address	Contact Person	Contact No.	Email ID
15	1.1KV PVC Insulated Cable and Control Cable	M/s Finecab Wires & Cables Pvt. Ltd.	Plot no.6 & 20, IDA,Phase – IV, Patancheru, Medak Dist - 502319, Telangana	G.DAVID RAJU	9885120052	gdr.finecab@gmail.com
		M/s KEI Industries Ltd.,Alwar	SP 919,920,922 RIICO Industrial Area,Phase-3,Bhiwadi,Alwar,Rajasthan-301019	Mr. Chitrak Sardar	9,903,027,514	bhavana.patil@kei-ind.com chitrak.sardar@kei-ind.com
		M/s Crystal Cable Industries Ltd,Kolkata	32,Ganesh Chandra Avenue,Kolkata,West Bengal-700013			office@crystallcable.in
		M/s PRIME CABLE INDUSTRIES PVT. LTD.	Reg. Off : E - 894, DSIDC, Industrial Area, Narela, Delhi-110040	Manju Manna Mr. Naman Singla	7029913693 9711260180	primecab1@rediffmail.com primecableindustries@gmail.com manju@primecabindia.com swati@primecabindia.com naman@primecabindia.com nikunj@primecabindia.com purnima@primecabindia.com
		M/s Havells India Pvt. Ltd,Rajasthan	Plot no. A/461-462 & SP-215,204 & 204(A), Matsya Industrial Area, Alwar, Rajasthan	Mr.Rudra Prasad Jena Mr.Barun Mishra	9937051045 8018041545	rudraprasad.jena@havells.com barun.mishra@havells.com
		M/s KEC International Ltd.,Mysore	Mysore,Karnataka	Mr.Satish Tomar	8212402401	tomarsk@kecprg.com powercables@kecprg.com
		M/s V-Guard Industries Ltd.,Bhubaneswar	42/962, Vennala High school Road, Kochi			mail@vguard.in
		M/s GEMSCAB Industries Ltd,Rajasthan	Plot No.SP-1192 L&K,Phase-4,RIICO Industrial Area,Bhiwadi,Alwar,Rajasthan			gemscab@vsnl.com sureshchandra@gemscab.com
		M/s Torrent Cables Ltd, Gujrat	PELICAN Building, 6th Floor,GCCI Compound Ashram Road,Ahmedabad, Gujarat - 380009	Mr. S.C. Palekar (VP-Operation)	7930001067	sushampalekar@torrentcables.com
		M/s Thermo Cables Ltd, Hyderabad	28, Nagarjuna Hills,Punjabgutta,Hyderabad-500 082		9339336204	kolkata@thermocables.com info@thermocables.com
		M/s Paramount Communications Ltd,Haryana	Plot No.37,Industrial Estate,Dharuhera,Rewari,Haryana-123106	Mr.Manoj verma	9958898025	manoj@paramountcables.com
		M/s Ravin Cables Ltd,Mayurbhanj	Hamilton Gardens Baripada, Dist. Mayurbhanj Orissa - 757001	Mr.Santosh George		santosh.george@ravingroup.com ho@ravincables.com
		M/s Laser Power & Infra Pvt Ltd,Howrah	AT/P.O. : NH-6, Polypark, Dhulagore, Howrah-711302	Mr.Aniruddha Banerjee Mr.Sujib Goswami	9674763567 9674761456	lab.poly2016@gmail.com sales@laserpowerinfra.com
		M/s Nicco Corporation Limited,Mayurbhanj	Hamilton Gardens,Baripada,Mayurbhanj,Odisha-757001	Mr.V R Moza	06792-252454 06792-252434	niccomkt@niccocable.com vrmoza@niccocable.com
16	PVC flexible Wire	M/s Havells India Pvt. Ltd,Rajasthan	Plot no. A/461-462 & SP-215,204 & 204(A), Matsya Industrial Area, Alwar, Rajasthan	Mr.Rudra Prasad Jena Mr.Barun Mishra	9937051045 8018041545	rudraprasad.jena@havells.com barun.mishra@havells.com
		M/s Polycab India Ltd,Gujarat	Unit 4, Plot No.105, Halol Vadodara Road,Nurpura, Halol, Panchmahal, Gujarat	Mr.Lalit	9437014212	enquiry@polycab.com info@polycab.com
		M/s Anchor Electricals Pvt Ltd	Steel House, B wing, Plot No. 24, Mahal Industrial Estate, Mahakali Caves Road, Near Paper Box, Andheri, Mumbai-400093, Maharashtra, India	Mr. Kavish Kotian	7045785821	
		M/s Finolex Cables Ltd, Bhubaneswar	677, Rudrapur, NH-16, PO: Pahal, Opp Kali Mandir, Bhubaneswar - 752101, Orissa		0674-2971922, 0674-2971188	florissa@finolex.com
17	AAAC Conductor	M/s APAR Industries Ltd, Gujarat	Plot No.153,157-163,2827,Survey 189/P1,Umbergaon,Valsad,Gujarat-396171	Mr. S K Suman	9967719156 8291664446	shyam.suman@apar.com m.kanakarajan@apar.com
		M/s Laser Power & Infra Pvt Ltd,Howrah	AT/P.O. : NH-6, Polypark, Dhulagore, Howrah-711302	Mr.Aniruddha Banerjee Mr.Sujib Goswami	9674763567 9674761456	lab.poly2016@gmail.com sales@laserpowerinfra.com
		M/s. Lumino Industries Ltd,Howrah	Biprannapara, Jalan Complex,Domjur,Howrah,West Bengal	Mr.Tapas Debnath Mr.Vikash Singh	9674755236 9674344474	susant@luminoidindustries.com abaijai@luminoidindustries.com
		M/s MMP Industries Ltd	211 Shrimohini, 345 Kingsway, Nagpur 440001	Mr.Vikrant Sahare	7350017910	vikrants@mmpil.com sys@mmpil.com
		M/s Akhandalamani Electricals & Constructions, Cuttack	Kuspangi,Cuttack, Odisha	Mr. Prabhat Kumar Rout	9438873224	prayat@aecinfrastructure.com info@aecgroup.in
		M/s Pobon DPC & Cables Pvt. Ltd, Balasore(AAAC)	Nayakbanda, Bidu, Soro, Balasore,Odisha	Mr. Chandra Sekhara Mohanty	9777277719	pobondpcables@gmail.com
		M/s Mahavir Transmission Limited, Uttarakhand	A-9,B-4,A-11-13 S, Industrial Estate, Vikasnagar, Dehradun, Uttarakhand-248198	Mr. Akhil Jain	8447813337 9871002668	akhil.jain@mahavirtransmission.com
		M/s Polytech Wire and Cables Pvt. Ltd, Rourkela	Gurundia, Lathikata, Rourkela, Sundergarh, Odisha	Mr. Biswajit Pattanaik	8260500168 9776685251	polytechwireandcable@gmail.com
18	HT XLPE Insulated Covered AAAC Conductor	M/s APAR Industries Ltd, Gujarat	Plot No.153,157-163,2827,Survey 189/P1,Umbergaon,Valsad,Gujarat-396171	Mr. S K Suman	9967719156 8291664446	shyam.suman@apar.com m.kanakarajan@apar.com
		V-Marc India Limited	Plot No 3,4, 18 & 20A, Sector -IIDC, SIDCUL, Haridwar, Uttarakhand - 249403	Mr. Vijay Bhatt Mr. Suresh Chandola	8171169401 9760958483	sales@v-marc.in ijq@v-marc.in
		M/s Laser Power & Infra Pvt Ltd,Howrah	AT/P.O. : NH-6, Polypark, Dhulagore, Howrah-711302	Mr.Aniruddha Banerjee Mr.Sujib Goswami	9674763567 9674761456	lab.poly2016@gmail.com sales@laserpowerinfra.com
		M/s Havells India Pvt. Ltd,Rajasthan	Plot no. A/461-462 & SP-215,204 & 204(A), Matsya Industrial Area, Alwar, Rajasthan	Mr.Rudra Prasad Jena Mr.Barun Mishra	9937051045 8018041545	rudraprasad.jena@havells.com barun.mishra@havells.com



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		M/s Ravi Industries	SECTOR-53,PHASE-3,KUNDLI,SONIPAT HARYANA-131028	Mr. Deepak Goyal	9810019276	tendermarketing1@deegeelitecables.com
		M/s Raychem RPG Pvt Ltd.,Gujurat	Kanjari,Jyoti Compound,Nr Halol GIDC,Panchamahar,Gujarat	Mr.Rahul Biswas Mr.Mehul Patel	9771427299 9724304622	deepakgoyal@deegeelitecables.com rahul_biswas@raychemrpg.com Sourav_Maiti@raychemrpg.com
		M/s KEI Industries Ltd.,Alwar	SP 919,920,922 RIICO Industrial Area,Phase-3,Bhiwadi,Alwar,Rajasthan-301019	Mr. Chitrak Sardar	9,903,027,514	bhavana.patil@kei-ind.com chitrak.sardar@kei-ind.com
19	HT XLPE Cable (11KV & 33 KV)	M/s KEI Industries Ltd.,Alwar	SP 919,920,922 RIICO Industrial Area,Phase-3,Bhiwadi,Alwar,Rajasthan-301019	Mr. Chitrak Sardar	9,903,027,514	bhavana.patil@kei-ind.com chitrak.sardar@kei-ind.com
		M/s GEMSCAB Industries Ltd,Rajasthan	Plot No.SP-1192 L&K,Phase-4,RIICO Industrial Area,Bhiwadi,Alwar,Rajasthan		9212560974	gemscab@vsnl.com sureshchandra@gemscab.com anpathak@gemscab.com
		M/s Finecab Wires & Cables Pvt. Ltd.	Plot no.6 & 20, IDA,Phase – IV, Patancheru, Medak Dist - 502319, Telangana	G.DAVID RAJU	9885120052	gdr.finecab@gmail.com
		M/s Havells India Pvt. Ltd,Alwar(only for 11kv)	Plot no. A/461-462 & SP-215,204 & 204(A), Matsya Industrial Area, Alwar, Rajasthan	Mr.Rudra Prasad Jena Mr.Barun Mishra	9937051045 8018041545	rudraprasad.jena@havells.com barun.mishra@havells.com
		M/s Dynamic Cables Ltd, Jaipur	F-260, Road No. 13, VKIA, Jaipur - 302013	Mr.S. Kadam	9001096020 9339830586	info@dynamiccables.co.in tenderingdcl@dynamiccables.co.in
		M/s APAR Industries Ltd, Gujurat(11 KV)	Plot No.153,157-163,2827,Survey 189/P1,Umbergaon,Valsad,Gujurat-396171	Mr. S K Suman	9967719156 8291664446	shyam.suman@apar.com m.kanakarajan@apar.com
				Mr.Sujit Kumar Nayak Mr.Abhijit Bhagwat	98306 62725 9850667259	arbhwat@mmm.com sknayak@mmm.com
20	HT & LT Cable termination & Jointing kit (Except Touchproof kit)	M/s 3M Electro & Communication India Pvt Ltd,Pune	145,Mumbai-Pune Road,Pimpri,Pune,Maharashtra			
		Compaq International (P) Limited	Compaq House, Shadipur, Khajuri Road, Yamuna Nagar - 135 001 Haryana, INDIA	Mr. Harpreet Singh	9996113333	harpreet@compaqinternational.com
		M/s SICAME India Connectors Pvt Ltd,Tamilnadu	96 59 12 88 80 44 27 41 02 11 #37, Sirunkundram Chengalpet District 603 108, Tamilnadu, India	Nambirajan.N	9659128880	Nambirajan.NAINAR@sicame.in
		M/s Raychem RPG Pvt Ltd.,Gujurat	Kanjari,Jyoti Compound,Nr Halol GIDC,Panchamahar,Gujarat	Mr.Rahul Biswas Mr. Saurav Maiti	9771427299 8372801987	rahul_biswas@raychemrpg.com Sourav_Maiti@raychemrpg.com
		M/s Yamuna Cable accessories Ltd.	Haryana (Denson make)	Mr. Sushil Garg	9991700665	tender@yamunapower.com
		M/s Behr Bircher Cellpack BBC India Pvt. Ltd., Haryana	Plot No. 149, EHTP, Phase-5, Sector-56, HSIIDC Kundli, Sonipat, Haryana-131028	Mr. Soman Maitra	9830559759	suman.maitra@cellpack.com
		M/s Nexans (PCA Technologies Pvt Ltd.)	25,shah industries Estate, Kotambi, Vadodara, Gujrat , India 391510	Mr. Soman Maitra	9830559759	suman@thepcatech.com
21	Covered Conductor Accessories	M/s Raychem RPG Pvt Ltd.,Gujurat (IPC Only)	Kanjari,Jyoti Compound,Nr Halol GIDC,Panchamahar,Gujarat	Mr.Rahul Biswas Mr.Mehul Patel	9771427299 9724304622	rahul_biswas@raychemrpg.com Sourav_Maiti@raychemrpg.com
		M/s SICAME India Connectors Pvt Ltd,Tamilnadu (IPC & Dead end)	96 59 12 88 80 44 27 41 02 11 #37, Sirunkundram Chengalpet District 603 108, Tamilnadu, India	Nambirajan.N	9659128880	Nambirajan.NAINAR@sicame.in
		IAC Electricals Pvt. Ltd.	701 Central plaza, 2/6 south Sarat Bose road, Kolkata-700020	Maidul Islam Khan Priyanka Sarkar	9734889136 6292286358	maidul@iacelectricals.com mkt.cr@iacelectricals.com
		M/s ENSTO India Pvt. Ltd, Haryana	Plot No. 241, Sector-6, IMT Manesar Gurugram - 122050, Haryana, India	Mr. Amit Biswas	9163503551	amit.biswas@ensto.com india@ensto.com
22	HDPE Pipes	M/s Lingaraj Pipes Pvt. Ltd., Khurda	IDCO, Plot No. A/12, Sarua Industrial Estate, Sarua, Khurda, Odisha	Mr. Prashant Ku. Mishra	9040088846 8763211377	support@lingarajpipes.com
		M/s Hari Udyog Pvt Ltd, Balasore	Khannagar, Kuruda, Balasore, Odisha	Mr. H.K. Mohanty Mr. Tarun Ray	7894435270 9437963776	hariplaat@hariplaat.com ray.huopl@hariplaat.com hkmohanty@hariplaat.com
		M/s Valentina Pipes Pvt. Ltd, Bhubaneswar	A/22-23-24, Industrial Estate, Rasulgarh, Bhubaneswar-751010, Odisha	Mr. Nikunj Chhotray Mr. Praddep Pradhan	9437025882 8249322439	lion_nikunj@yahoo.co.in valentinapipespvtltd18@gmail.com
		M/s Metroplast Industries,Kuruda,Balasore	Kuruda, Near Kuruda Fly Over, NH-16, Balasore-756056, Odisha	Mr. S.K.Tripathy	9338833733 8249386985	metro_plast@yahoo.com sktripathy.279@gmail.com
		M/s Magnum Fibres Pvt. Ltd., Bhubaneswar	Plot No-132-A,Sector-A,Zone-A, Mancheswar Indl. Estate, Bhubaneswar – 751010 (ODISHA)	Mr. Biraja Prasad Acharya Mr. A.P. Malla	9040011139 9040011130	birajacharya@magnum-india.com malla@magnum-india.com atulsingh@Intecc.com
23	MCB <i>(Tech. specification to be superseded if MAKE is specified)</i>	M/s L&T		Mr.Atul singh		contact.center@in.abb.com
		M/s ABB India Ltd,Bhubaneswar	1st Floor,City centre,A-5/1.Sachivalaya Marg,Unit-9,Bhubaneswar-751022			adwaita_mukherjee@siemens.com anil.mitra@siemens.com
		M/s SIEMENS Ltd,Kolkata	43,Shanti Pally,EM ByPass,Connector,Rashbehari Avenue,Kolkata			siddhartha.das@havells.com
		M/s Havells India Pvt. Ltd,Uttarakhand	Plot no. 6, Site-4, Sahibabad Industrial Area, Sahibabad, Ghaziabad, UttarPradesh-201010	Mr.Siddhartha Das	9937203309	siddhartha.das@havells.com
		M/s Standard Electricals Ltd,Noida	Global Headquarters , QRG Towers,2D, Sec- 126, Expressway, Noida - 201304 U.P			standard.ho@havells.com
		M/s Schneider Electric Infrastructure Ltd,Bhubaneswar	14,Forest Park,Bhubaneswar-751009	Mr.Girija Patnaik		girija.patnaik@schneiderelectric.com
		Legrand, Kolkata	Bhakta Towers, 2nd & 3rd Floor, Plot No. KB 22, Salt Lake, Sector - 3, KOLKATA - 700 091			



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		M/s Crompton Greaves India Ltd,Mumbai	Equinox Business Park,1st Floor,Tower-3,LBS Marg,Kurla(W),Mumbai-400070	Mr.Thomas Geevarghese Mr.Subhasis	9831038155	nsm@crompton.co.in thomas.geevarghese@cgglobal.com
		M/s. C & S India Pvt Ltd,Uttarakhand	Plot no.10,Sector-11,IIE,SIDCUL,Ranipur,Haridwar, Uttarakhand-249403	Mr.Gaurav Sharma	9650564714	myservice@c-sec.co.in
24	LT ACB/MCCB (Tech. specification to be supersede if MAKE is specified)	M/s L&T		Mr.Atul Singh		atulsingh@Intecc.com
		M/s SIEMENS Ltd,Kolkata	43,Shanti Pally,EM By Pass,Connector,Rashbehari Avenue,Kolkata-700042			adwaita.mukherjee@siemens.com anil.mitra@siemens.com
		M/s GE Power Controls India Pvt Ltd, Bangalore	42/1 & 45/14,Electronic City Phase-2,Bangalore-560100		8041113000	
		M/s ABB India Ltd,Bhubaneswar	1st Floor,City centre,A-5/1.Sachivalaya Marg,Unit-9,Bhubaneswar-751022			contact.center@in.abb.com
		M/s Crompton Greaves India Ltd,Mumbai	Equinox Business Park,1st Floor,Tower-3,LBS Marg,Kurla(W),Mumbai-400070	Mr.Thomas Geevarghese Mr.Subhasis	9831038155	nsm@crompton.co.in thomas.geevarghese@cgglobal.com
		M/s Havells India Pvt. Ltd,Uttar Pradesh	Plot no. 6, Site-4, Sahibabad Industrial Area, Sahibabad, Ghaziabad, UttarPradesh-201010	Mr.Siddhartha Das	9937203309	siddhartha.das@havells.com
		M/s. C & S India Pvt Ltd,Uttarakhand	Plot no. 10,Sector-11,IIE,SIDCUL,Ranipur,Haridwar, Uttarakhand-249403	Mr. Gaurav Sharma	9650564714	myservice@c-sec.co.in
		M/s BCH Electric Ltd, Haryana	20/4, Mathura Road, Faridabad – 121 006 Haryana			marketing@bchindia.com
		M/s ERA Electricals Pvt Ltd,Noida	Plot No.B-200, Phase-II, Noida, Uttar Pradesh, 201305	Mr. Mukesh Gupta Mr.Sachin gupta		
		M/s Schneider Electric Infrastructure Ltd,Bhubaneswar	14,Forest Park,Bhubaneswar-751009	Mr. Girija Patnaik		girija.patnaik@schneiderelectric.com
25	Switches	M/s Anchor Electricals Pvt Ltd,Mumbai	Steel House, B wing, Plot No. 24, Mahal Industrial Estate, Mahakali Caves Road, Near Paper Box, Andheri, Mumbai-400093, Maharashtra, India	Mr. Kavish Kotian	7045785821	
		M/s Schneider Electric Infrastructure Ltd,Bhubaneswar	14,Forest Park,Bhubaneswar-751009	Mr. Girija Patnaik		girija.patnaik@schneiderelectric.com
		INDOASIAN , Maharashtra	Indo Asian Building Pvt. Ltd.,Eternity Mall Teen Hath Naka, Lal Bahadur Shastri Rd, Thane West, Thane, Maharashtra 400604			
		M/s Havells India Pvt. Ltd,Ghaziabad	Plot no. 6, Site-4, Sahibabad Industrial Area, Sahibabad, Ghaziabad, UttarPradesh-201010	Mr.Siddhartha Das	9937203309	siddhartha.das@havells.com
		M/s CONA Industries Pvt Ltd, Mumbai	302 Brahans Business Park, Off Mahakali Caves Rd, Andheri East, Mumbai, Maharashtra 400093			
		M/s ABB India Ltd, Bhubaneswar	1st Floor,City centre,A-5/1.Sachivalaya Marg,Unit-9,Bhubaneswar-751022			contact.center@in.abb.com
26	PSC Pole	M/s Konark Construction & Engineers Ltd,Cuttack	On NH-16,Telengapentha, Cuttack,Odisha	Mr.Priya Ranjan Shial Mr.Giridharilal Halan	9668025336 9437012866	kcel05@hotmail.com
		M/s Raj Rajeshwari Industries	Jeypore NH 43, UMERI, Koraput-764001	Mr. Anand Kumar Patwania	9437077266	rajraeswari2010@gmail.com
		M/s SR Cementech, Cuttack	Nischint,Benchua,Govindpur Chhak,Tangi,Cuttack,Odisha	Mr.Tarun Agarwal	9583212121	gm.rahul@gmail.com
		M/s US POWER PRODUCTS	GUPTESWAR COMPLEX Jeypore 764001	Umesh Chandra Mishra	9437000662	uspowerproducts@gmail.com
		M/s Divine Concrete Pvt. Ltd, Jajpur	Mandia,Haridaspur,Chandikhol,Jajpur,Odisha	Mr.S P Sahoo	9437042868	divineconcreteproducts@gmail.com
		M/s SHRI RAAJYALAKSHMI POWER INFRA PVT LTD	Govt Model School Road CUTTACK - 532168	N.Vishwanath Rao Mr. Rajsekhar	9848180136 9573977936	shripowerinfra@gmail.com
		M/s Baba Akhandalamani,Bhadrak	Randia,Bhadrak,Odisha	Mr.Chinmay T. Mohapatra	9040045476	babaconcrete17@gmail.com
		M/s Metro Poles,Balasure	Sahada,Sarhgaon,Balasure,Odisha	Mr.Rajiv Shah	8249827644	metro_poles@yahoo.com
		M/s Neelachal Enterprises, Chhanpur, Balasure	Bampada, Chhanpur, Balasure, Odisha	Mr. Harish Patel	9437013147	peelcon@gmail.com
		M/s KMR Udyog, Balasure	At- Gadiamal, Po- Bahal, Via- Sergarh, Dist- Balasure, Odisha, Pin-756060	Mr. Mahesh Kumar Modi	9556196809	kmrudvyog@gmail.com
		M/s Balaji PSC Poles Industries,Khurda	353/46,Jaydev Vihar,Near Vishnu Priya Appartment, Bhubaneswar, Khurda, Odisha	Mr. S P Mohapatra	9937528888 9437078787	saurinrasad@yahoo.com
		M/s Baba Loknath Pvt Ltd,Khurda	Kuhudi,Khurda	Mr.Bijay Pradhan Mr.Ravi Sharma	9937397199 9861058123	loknathdev@gmail.com
		M/s BALAJI CONCRETO	NUASAHJ,Boudh Boudh 762014	Mr. Praveen Aggarwal	9776162420	balajiconcreto@gmail.com
		M/s Laxmi Industries, Khurda	C-35 & C-36, IID Centre, Khurda Industrial Estate,Khurda, Odisha-752055	Mr. Bipin Trivedi	9934316366	laxmi.enterprizes@gmail.com
		M/s Omm Concrete Products, Bhubaneswar	Kujimahal, Chandaka, Bhubaneswar, Khurda, Odisha	Mr. K.C.Padhi	9438877282	ommconcretes@yahoo.com
		M/s Gayatri Industry,Ganjam	Kalabada, Chikiti, Ganjam, Odisha	Mrs.Subhadra Sahu	9439331387	subhadra.sahu@gmail.com
		M/s Lackeir Stilil Pvt Ltd ,Ganjam	Palurgarh,Rambha,Huma, Ganjam, Odisha	Mr.K Dileswar Rao	9437434611 9337227923	kdr.lackeir@gmail.com
		M/s Sai Saran Concrete, Talcher	Remuan,Hatatota,Talcher,Angul,Odisha	Mr.Shivram Sahoo	7381040188 7381040189	saisaranconcrete48@gmail.com
		M/s JSME Energy & Power	Khata No 89/287, Park Street, Back side Gandhi park, Berhampur, Odisha-760002	K. Somesh Rao Subudhi	9437060806	sales@jsmentp.com jsmeenergypower@gmail.com
		M/s Gautam Cements Works Ltd,Jharsuguda	Hirma,Badmaj,Jharsuguda,Odisha	Mr.Abhijeet Surana Mr.Nirabh Mehta	9600221111 9165053638	orissapole@gmail.com
		M/s Meco, West Bengal	Bolpur, Birbhum, West Bengal	Munshi Asad Ali	9434762432	asadspnl@gmail.com
		M/s Utkal Galvanizers Ltd,Cuttack	Kapursingh,Oranda,Cuttack, Odisha	Mr. Arun K Das	9938410739 8249680042	ho@utkaltd.in utkalho@gmail.com



Provisional Vendor List for New connection/Deposit works for TPSODL						 TP SOUTHERN ODISHA DISTRIBUTION LIMITED (A Joint Venture of Tata Power and Government of Odisha)
Sr. No	Description of Material/ Equipment	Manufacturer Name	Contact Address	Contact Person	Contact No.	Email ID
27	WPB / RSJ Pole (11 & 13 mtr)	M/s Reliable Sponge Pvt Ltd, Sundergarh	Unit-3,Sagjore,Balanda,Sundergarh,Odisha	Mr. Pranab Mohanty	9437497402	ttt@reliableispat.com
		M/s DHARAM INDUSTRIES	PlotNo31P,SILATA INDL GORWTH CENTRE, PHASE-II RAIPUR 493111	Mr. Ankur Chadha	9560454095	info@dharamindustries.in
		M/s Rukmani Electrical & Component Pvt Ltd	Urla Industrial Estate,Urla Sarora Road, Urla Raipur, C.G. - 493221	Maruthi Kabra	7024135744 9330255908	rukmaniec@gmail.com rukmanimva@yahoo.co.in
		M/s RR ISPAT LIMITED	R.R. Ispat (A Unit of Godawari Power & Ispat Limited) HIRA Group of Industries 490/1 & 491/2, Urla Industrial Complex, Birgaon, Raipur – 492003, Chhattisgarh (India)	Rakesh Ku Pradhan	0771 – 408 2350	info@rrispat.com
		M/s New Laxmi Steel & Power Pvt Ltd, Khurda	Plot No.: A/22-25, Sarua Industrial Estate, Khordha, Odisha	Mr. Srikanth Samantray Er. Bipin Kumar Burnwal	9437055908 6289715340	newlaxmisteel@gmail.com newlaxmisteeelfactory@gmail.com
		M/s Swastika Steel & Allied Products Pvt. Ltd., Howrah	AT: 8/1, Nutan Para Road, Liluah, Howrah, West Bengal- 711204	Mr. Ravinder Sharma	9339775648	rks@swastikasteel.com
		M/s K L Steels Pvt Ltd,Uttar Pradesh	G.T.Bulandshahar Road,Near Lal Kuan,Chipyana,Gautam Budh Nagar,Uttar Pradesh	Mr.Nageshwar Prasad Mr.Jagdeesh Sharma	9810235789 7291992004	mrc@klsons.in sales.rajasthan@klsons.in
		M/s Vijay Transmission Pvt Ltd, Raipur	Kanhera,Dharsiva,Urla Acholi road,Raipur, Chhatisgarh	Mr.Abhishek Dwivedi Mr.A Kodape	9753872335 9425503518	abhishekd@vijaytransmission.com koushals@vijaytransmission.com
28	Rebar Lacing Pole/H-Pole	M/s Reliable Sponge Pvt Ltd, Sundergarh	Unit-3,Sagjore,Balanda,Sundergarh,Odisha	Mr. Pranab Mohanty	9437497402	ttt@reliableispat.com
		M/s New Laxmi Steel & Power Pvt Ltd, Khurda	Plot No.: A/22-25, Sarua Industrial Estate, Khordha, Odisha	Mr. Srikanth Samantray Er. Bipin Kumar Burnwal	9437055908 6289715340	newlaxmisteel@gmail.com newlaxmisteeelfactory@gmail.com
29	M.S/GI LT Distribution Box	M/s Bose Engineering (India) Pvt Ltd, Kolkata	K-14 Behela Industrial Estate,620 D.H Road,Kolkata,West Bengal-700034	Mr.Anindaya K Bose	9830063810	anind_bose@yahoo.co.in
		M/s Technocrat Enterprises	S 3/22, New Industrial Estate, Jagatpur,Cuttack - 754021 Odisha	Mr. Alok Kumar Sahu	9861737710 Office phone-0671-2491479	amit_technocrat@hotmail.com
		M/s GOURAV ENERGEN INDIA PRIVATE LIMITED	GEIPL, Administrative Block, Industrial Estate CB Gunj , Bareilly - 243502	Mr. Rasik Verma	6395338824	projects1@gouravenergen.co.in
		M/s Ultima Switchgears Ltd.,Noida(Upto 63KVA)	F-6/F-7,UPIIDC,Surajpur Industrial Area,Greater Noida,UP-201336	Mr.Vansh Parmar	9582221901 9953233568	vdp@ultimaswitchgear.com
		Lan Engineering and Technologies	B-7 Sector-83 Noida - 201305 Vendor Code : 300375 GSTN No. : 09ALBP0004E1ZV	Mr.Amit kumar kataria Mr.Rahul Chaudhary	9811011279 9811004836	marketing@lanengineering.in
		M/s Arun Enterprises, Sahibabad, New delhi	B-48,site IV,Sahibabad-201010 , Dist -Ghaziabad(UP)	Mr. Nayan Raj / Narendra singh	7042896191 7042896177	mktg2arunenterprises@gmail.com // td@arunenterprises.in // enquiry@arunenterprises.in
30	All GI Channel, Angle , Flat, V Cross Arm & All Clamps,I-Hook (MAKE- SAIL,JINDAL,RR ISPAT,RINL & TATA ONLY)	M/s Reliable Sponge Pvt Ltd, Sundergarh	Unit-3,Sagjore,Balanda,Sundergarh,Odisha	Mr. Pranab Mohanty	9437497402	ttt@reliableispat.com
		M/s New Laxmi Steel & Power Pvt Ltd, Khurda	Plot No.: A/22-25, Sarua Industrial Estate, Khordha, Odisha	Mr. Srikanth Samantray Er. Bipin Kumar Burnwal	9437055908 6289715340	newlaxmisteel@gmail.com newlaxmisteeelfactory@gmail.com
		M/s. High Tension Electrical Equipments Pvt. Ltd,Howrah	101, C Road, Belgachia, Dasnagar,Howrah, West Bengal	Mr.Kaushik Das	9831906005	comm1@hightension.in
		M/s KSE Electricals,Howrah	3rd Main road,NH-6,Begri,Howrah,West Bengal	Mr.Ashis.K Palit	9830547600	mktg@kse.in
		M/s Industrial Forging Industries Pvt Ltd,Howrah	Jalan Complex, Gate No.1, Biparnapara, Howrah,West Bengal	Mr.Amit Daga Mr.Arindam Dutta	9831241956 7685835234	amit@dagagroup.com mpandit@dagagroup.com
		M/s Vijay Transmission Pvt Ltd, Raipur	Kanhera,Dharsiva,Urla Acholi road,Raipur, Chhatisgarh	Mr.Abhishek Dwivedi Mr.A Kodape	9753872335 9425503518	abhishekd@vijaytransmission.com koushals@vijaytransmission.com
		M/s. Aditya Electricals	Office. 49,O Road Belgachia, Howrah-711108 (WB) Works: 49,O Road Belgachia, Howrah-711108 (WB)	Prasanta Giri A Giri	7980625626 7011624798	adityaprashtangiri@gmail.com
		M/s Rahul Electricals,Howrah	P-85/22,Benaras Road,Belgachia,Howrah, West Bengal	Mr.Sachin Giri	7003284140 9836539130	rahulelectricals40@gmail.com
		M/s Jainco Transmission Ltd, Howrah	Jalan Complex, Gate No. 1, Lane No. 7, NH-6, Howrah, West Bengal	Mr.Pratul Ghosh	9831607956	engg@jainco.net
		M/s Pramoda Engineering Works	S3/12, Phase-2,New industrial Estate,Jagatpur,Cuttack, Pin 754021 odisha.	Mr. Rakhesh malla.	9078071194 9437975180	pramodaengineeringworks@yahoo.in
		M/s BAID ELECTRICALS	32, EZRA STREET ,SOUTH BLOCK , 8TH FLOOR. ROOM NO. 812 A KOLKATA-700001	Mr. PRAVEEN KR. BAID	M- 09432210061 M- 09831483305	<a href="mailto:Baidelectricals<baidlectricals@yahoo.com>">Baidelectricals<baidlectricals@yahoo.com>
		M/s Rajesh Electricals, Howrah	Salap 1, Kantalia Industrial Complex, Howrah Amta Road, Nibra, Howrah, West Bengal	Mr. Rajesh Punatar	9830169125	rajeshelectricalskol@gmail.com
31	Hardware fittings,GI HT & LT Stay Set	M/s Jainco Transmission Ltd, Howrah	Jalan Complex, Gate No. 1, Lane No. 7, NH-6, Howrah, West Bengal	Mr.Pratul Ghosh	9831607956	engg@jainco.net
		M/s.UMA ELECTRICALS	Plot No.:1010/1765, Ranigoda,Kamarda Bhograi,Baleswar,Odisha-756035	Sanjib Kumar Pal	9438344128	umaelectricals24@gmail.com
		M/s BAID ELECTRICALS	32, EZRA STREET ,SOUTH BLOCK , 8TH FLOOR. ROOM NO. 812 A KOLKATA-700001	Mr. PRAVEEN KR. BAID	M- 09432210061 M- 09831483305	<a href="mailto:Baidelectricals<baidlectricals@yahoo.com>">Baidelectricals<baidlectricals@yahoo.com>
		M/s Rahul Electricals,Howrah	P-85/22,Benaras Road,Belgachia,Howrah, West Bengal	Mr.Sachin Giri	7003284140 9836539130	rahulelectricals40@gmail.com
		M/s Industrial Forging Industries Pvt Ltd,Howrah	Jalan Complex, Gate No.1, Biparnapara, Howrah,West Bengal	Mr.Amit Daga Mr.Arindam Dutta	9831241956 7685835234	amit@dagagroup.com mpandit@dagagroup.com



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32	GI Stay Wire ,GI Barbed Wire, GI Earthing Coil	M/s Pramoda Engineering Works	S3/12, Phase-2, New industrial Estate, Jagatpur, Cuttack, Pin 754021 Odisha.	Mr. Rakesh malla.	9078071194 9437975180	pramodaengineeringworks@yahoo.in
		M/s Jainco Transmission Ltd, Howrah	Jalan Complex, Gate No. 1, Lane No. 7, NH-6, Howrah, West Bengal	Mr. Pratul Ghosh	9831607956	engg@jainco.net
		M/s Rahul Electricals, Howrah	P-85/22, Benaras Road, Belgachia, Howrah, West Bengal	Mr. Sachin Giri	7003284140 9836539130	rahulelectricals40@gmail.com
		M/s Industrial Forging Industries Pvt Ltd, Howrah	Jalan Complex, Gate No.1, Biparnapara, Howrah, West Bengal	Mr. Amit Daga Mr. Arindam Dutta	9831241956 7685835234	amit@dagagroup.com mpandit@dagagroup.com
		M/s BAID ELECTRICALS	32, EZRA STREET, SOUTH BLOCK, 8TH FLOOR. ROOM NO. 812 A KOLKATA-700001	Mr. PRAVEEN KR. BAID	M- 09432210061 M- 09831483305	<a href="mailto:Baidelectricals<baidelectricals@yahoo.com>">Baidelectricals <baidelectricals@yahoo.com>
		M/s R K Wire Products Ltd, Kolkata	Unit No-VII, 15th Floor, Tower-I, PS Srijan Corporate Park, Plot No G-2, Block-EP & GP, Sector-V, Salt Lake City, Kolkata - 700 091	Mr. Indrajeet Banerjee	9123380881	jb@rkwire.com info@rkwire.com
33	GI Pipe	M/s Tata Iron & Steel Ltd, Jamshedpur	4, Armoury Road, Bistupur, Jamshedpur, Jharkhand, India-831001			jbmd.marketingcomm@tatasteel.com
		M/s Jainco Transmission Ltd, Howrah	Jalan Complex, Gate No. 1, Lane No. 7, NH-6, Howrah, West Bengal	Mr. Pratul Ghosh	9831607956	engg@jainco.net
		M/s Sree Jagannath Engineering Works	SJEW-01, DOMJUR ROAD, GOYESPUR HOWRAH, WEST BENGAL 711405	Saurav Das Mr. Bikash Singh	9147387233 8910418961	siewtapan@gmail.com . saurav.engineering@siewgroup.in
		M/s SA Enterprise	2nd Floor, Room No. 34, 5/1 Kolkata 700001	Aayush Rungta	9831057222	dkrunsta@yahoo.com
		M/s JAIN TUBEWELL ENGINEERING COMPANY	Room No-6, 2nd Floor KOLKATA - 700001	Mr. Vivek Jain	8240312745	jaintubewell@gmail.com
		M/s. UMA ELECTRICALS	Plot No.: 1010/1765, Ranigoda, Kamarda Bhograi, Baleswar, Odisha-756035	Sanjib Kumar Pal	9438344128	umaelectricals24@gmail.com
		M/s Lingraj PIPES pvt. Ltd.				
		M/s KSE Electricals, Howrah	3rd Main road, NH-6, Begri, Howrah, West Bengal	Mr. Ashis. K Palit	9830547600	mktg@kse.in
		M/s Industrial Forging Industries Pvt Ltd, Howrah	Jalan Complex, Gate No.1, Biparnapara, Howrah, West Bengal	Mr. Amit Daga Mr. Arindam Dutta	9831241956 7685835234	amit@dagagroup.com mpandit@dagagroup.com
		M/s Rukmani Electrical & Component Pvt Ltd	Urla Industrial Estate, Urla Sarora Road, Urla Raipur, C.G. - 493221	Maruthi Kabra	7024135744 9330255908	rukmanigc@gmail.com rukmanimva@yahoo.co.in
		M/s Pramoda Engineering Works	S3/12, Phase-2, New industrial Estate, Jagatpur, Cuttack, Pin 754021 Odisha.	Mr. Rakesh malla.	9078071194 9437975180	pramodaengineeringworks@yahoo.in
		M/s Rahul Electricals, Howrah	P-85/22, Benaras Road, Belgachia, Howrah, West Bengal	Mr. Sachin Giri	7003284140 9836539130	rahulelectricals40@gmail.com
		M/s New Laxmi Steel & Power Pvt Ltd, Khurda	Plot No.: A/22-25, Sarua Industrial Estate, Khordha, Odisha	Mr. Srikant Samantray Er. Bipin Kumar Burnwal	9437055908 6289715340	newlaxmisteel@gmail.com newlaxmisteeelfactory@gmail.com
		M/s Jindal Steel & Power Ltd, Bhubaneswar	Plot no.3, Forest Park, Bhubaneswar-751009	Mr. Mehul Aggarwal	9812063000 8288063000	Mehul.aggarwal@jindalsteel.com
		M/s Garg Fasteners, Ludhiana	Street No.5, Saheed Bhagat Singh Colony, (Near Swaran Cinema), Sherpur, Ludhiana-141010			garg@gargfasteners.com
		M/s NEXO Industries Pvt Ltd, Ludhiana	Village Mangarh, Machhiwara Road, Kohara Ludhiana-141 112 (INDIA).		9814022767 9814222767	info@nexoindia.com
		M/s G.K. Winding Wires Ltd, Noida	B-20, UPSIDC Industrial Area, Site C, Surajpur, Greater Noida, (U.P)-201306		8744005143	bd@gkwinning.com
		M/s Maheswari Fasteners & Bright Pvt. Ltd., Hyderabad	Plot No. - 152 & 154, IDA Medchal, Medchal, Hyderabad, Telangana - 501401, India		9246887753 9246810800	maheswarifasteners@gmail.com mkte.mfb@gmail.com
		M/s Agarwal Fasteners Pvt Ltd, Maharashtra	Plot No 11, Manohar Palghar Road, Chahade Village, Sajjanpada, Palghar (E), Thane Dist - 401404, Maharashtra, India	Mr. Arish Malvi	7720010545	marketing@aplhome.com
		M/s Techman India Ltd, Chandigarh	Plot No. 163, Phase 2, Industrial Area, Chandigarh-160002, India	Mr. A.I Aggarwal	8043051633	
		M/s Millenium structurals (India) Ltd, Indore	Indore Trade Centre, 3/2, South Tukoganj, Indore-452002, Madhya Pradesh, India	Mr. Datta Hase	9317878877	
		M/s Strelling Bolts Pvt. Ltd, Kolkata	1, Bonfield Lane, Kolkata, West Bengal		9674161869	corporate@sterlingbolts.net
		M/s Pankaj International Ltd, Ludhiana	B-40/III, Phase V, Focal Point, Ludhiana-141010 (INDIA)		9463400401	sales@pankajinternational.com quality@pankajinternational.com madhur@pankajinternational.com
		M/s Ravi Engineers Ltd, Punjab	Plot No.179-183, Focal Point, Industrial Area, Amritsar ,Punjab-143001		9814050801 9814111804	satvram@raviengineers.net
		M/s Precision Industrial Fasteners, Ludhiana	Hara Industrial Estate, Near Sukhmani Kanda, Sua Road, Indl. Area-C, Ludhiana-141014. Punjab, INDIA	Mr. Vekkas Banssal Mr. Sanjay Bansal	9878500193 9878400193	vekkas@pafnuts.com sanjay@pafnuts.com vekkasbanssal@yahoo.in
		M/s Deepak Fasteners Ltd, Ludhiana	4th Floor, First Mall, Mall Road, Ludhiana - 141001 Punjab, India			sales@deepakfasteners.com
		M/s Fit Right Nut and Bolts Pvt Ltd., Maharashtra	E-27, Additional Ambernath Industrial Area, Anand Nagar, MIDC, Ambernath, Maharashtra-421506			sales@fitright.co.in



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34	GI Bolts & Nuts	M/s Bharat Industries, Gujarat	8-A National Highway, Mahendranagar Morbi - 363 642 , Gujarat (India)		9825334342	info@bharatindustries.co.in
		Karamtara Engineering Pvt Ltd.,Maharashtra	Plot No. A-12, MIDC, Tarapur, District : Palghar,401506, INDIA	Mr.D B Subramanian (Assistant Manager)	2240710000	Sales.Fasteners@karamtara.com
		M/s Bolt Master India Pvt Ltd, Maharashtra	D- 1, Laghu Udyog Kendra, I.B. Patel Road Goregaon East, Mumbai-400063, Maharashtra, India	Mr.Chirag Gambhira (Business Development Director)	9819057175	
		M/s J.C. Fasteners Ltd, Haryana	Rohtak, Haryana, India	Mr.Siddharth Jain	9896671140	siddharthji@gmail.com
		M/s Bharati Overseas Ltd, Ludhiana	B-29/6 & 12, N.P.C Transport Lane, Sherpur Chowk, G.T. Road, Ludhiana - 141003 (INDIA)	Mr. Anil Bharti Mr. Sanjeev Bharti	99151 99884 99156 03388	info@bhartioverseas.org admin@bhartioverseas.co.in
		M/s Remax India Fasteners Industries Ltd,Ludhiana	D-62, Focal Point Rd, Phase V, Focal Point, Ludhiana, Punjab -141010	Mr.S. Parminder Singh Mr.S. Manpreet Singh	94170 57262 9501017262	info@remaxbolts.com export@remaxbolts.com
		M/s Forex Fasteners, Ludhiana	Forex Estate, Dehlon Road, Vill. Dhrour, Sahnewal, District Ludhiana-141120, Punjab, India		9855037567	customercare@forex.co.in
		M/s Rahul Electricals,Howrah	P-85/22,Benaras Road,Belgachia,Howrah, West Bengal	Mr.Sachin Giri	7003284140 9836539130	rahulelectricals40@gmail.com
		M/s A V Forgings,Punjab	230, Industrial Area, Phase- IX Mohali(Punjab), India	Mr.Vikas Gupta Mr.Anil Goyal	09815354249 09814115092	sales@avforgings.com
		M/s Anshika Fasteners,Maharashtra	216/217 Wanadongri, MIDC Hingna Road, Nagpur, India 440016		9765550134	info@anshikafasteners.com
		M/s Durafast Automatives Pvt Ltd, Andhra Pradesh	Plot No.31. Block-E,Autonagar, Visakhapatnam,Andhra Pradesh,India-530012			rudra.sahoo@aster.in
		M/s Paramhari Engineers Pvt Ltd,Maharashtra	Plot No 6A,Vijay Nagar,Nagpur,Maharashtra-440013			glaw@isuberoi.com
		M/s Turbo Industries Pvt Ltd,Ludhiana	Industrial Area C, Dhandari Kalan, Surjit Cinema Road, Ludhiana-141010, Punjab, India	Mr.Sanjeev Kumar (HOD Design & Works)	8048935178	
		M/s BAID ELECTRICALS	32, EZRA STREET ,SOUTH BLOCK , 8TH FLOOR. ROOM NO. 812 A KOLKATA-700001	Mr. PRAVEEN KR. BAID	M- 09432210061 M- 09831483305	Baid.Electricals@baidellectricals@yahoo.com
		M/s Roshan Impex,Ludhiana	Plot No. 30-31, Street No. 3, Oswal Agro Plot, GT Road, Ludhiana-141003 Punjab-INDIA	Mr. Narinder Singh (Managing Director)	9876036600	md@roshanimpex.in
		M/s Isitva (Fasteners) Pvt Ltd,Hyderabad	Survey No.58, Keesara Road,Nagaram Village,Hyderabad-501 301		040-27127766	info@isitva.in
35	GI Earth Wire	M/s Aarti Steels Ltd., Cuttack	Ghantikhal ,Mahakalabasta,Athgarh,Cuttack (Orissa)		91-671-7161000	info@aartisteelsltd.com
		M/s Kritika Wires (P) Ltd.,Kolkata	No.1A, Bonfield Lane, Bara bazaar,Mezanine Floor,Caning Street,Kolkata, West Bengal, 700001		3322429581	
		M/s UIC Udyog Limited,Kolkata	Anandlok, Block- A, 1st Floor, 227, A.J.C. Bose Road, Kolkata - 700020,West Bengal, India.			info@uicwires.com , sales@uicwires.com
		M/s R K Wire Products Ltd, Kolkata	Unit No-VII, 15th Floor,Tower-I, PS Srijan Corporate Park,Plot No G-2, Block-EP & GP, Sector-V, Salt Lake City, Kolkata - 700 091	Mr. Indrajeet Banerjee	9123380881	ib@rkwire.com info@rkwire.com
		M/s Bajrang Wire Products(India) Pvt Ltd, Jaipur	E - 762(A), Road No. 9F - 1, Vishwakarma Industrial Area, Jaipur - 302 013, INDIA	Mr.Gajendra Maheshwari Mr.Ashish Maheshwari	9414050162 9414052722	enquiry@bairangergroup.com
		M/s Tata Iron & Steel Ltd,Jamshedpur	4, Armoury Road, Bistupur,Jamshedpur,Jharkhand			ibmd.marketingcomm@tatasteel.com
		M/s Usha Martin Industries Ltd,Kolkata	2A, Shakespeare Sarani,'Mangal Kalash',Kolkata			marketing-east@ushamartin.com
		M/s Jainco Transmission Ltd, Howrah	Jalan Complex, Gate No. 1, Lane No. 7, NH-6, Howrah, West Bengal	Mr.Pratul Ghosh	9831607956	engg@jainco.net
36	LT ABC Accessories, IPC (Insulated Piercing connector, Suspension, Dead end etc.)	M/s Jainco Transmission Ltd, Howrah	Jalan Complex, Gate No. 1, Lane No. 7, NH-6, Howrah, West Bengal	Mr.Pratul Ghosh	9831607956	engg@jainco.net
		M/s Raychem RPG Pvt Ltd.,Gujarat (IPC Only)	Kanjari,Jyoti Compound,Near Halol GIDC,Panchmahal,Gujarat	Mr.Rahul Biswas Mr.Mehul Patel	9771427299 9724304622	rahul_biswas@raychemrpg.com
		M/s SICAME India Connectors Pvt Ltd,Tamilnadu	473/1(96),Sirkundram Village,Chengalpet Taluk,Kanchipuram,Sirkundram,Tamilnadu-603108	Mr.Mahesh Kumar	9818156021	mahesh.gurjar@sicame.in
		IAC Electricals Pvt. Ltd.	701 Central plaza, 2/6 south Sarat Bose road, Kolkata-700020	Maidul Islam Khan Priyanka Sarkar	9734889136 6292286358	maidul@iacelectricals.com mkt.cr@iacelectricals.com
37	Fire Fighting Equipment	MINIMAX ,Gujarat	Gunnebo India Private Ltd.Plot No. 1302-1306, GIDC Industrial Estate,Panchmahal, Halol - 389350, Gujarat,India			info@minimax.co.in
		M/s Kanadia Fyr Fyter Pvt Ltd,Gujarat	A-110, Kanara Business Centre, B/H. Everest Garden, Apartment Laxmi Nagar, Ghatkopar East, Sihor, Bhavnagar-334240, Gujarat, India	Mr.Akash Bhatt	9376717299	
		M/s Ceasefire Industries Pvt Ltd,Noida	Plot No 4, 2nd Floor, Noida-Greater Noida Expy, Sector 135, Noida, Uttar Pradesh- 201304		9540666666	response@ceasefire.in
		M/s Aska Equipments Pvt Ltd,New Delhi	R-482,New Rajendra Nagar,Gangaram Hospital Square,Shankar Road,New Delhi-110060			sales@askagroup.com
		M/s Nitin Fire Protection Industries Ltd,Mumbai	501 Delta,Technology Street,Hiranandani Powai,Mumbai,INDIA : 400076			nitinfire@vsnl.com



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		M/s Safex Fire Services Ltd,Mumbai	A-202, Dhanraj Industrial Estate, Dhanraj Mill Compound, S. J. Road,Lower Parel (w), MUMBAI 400 013 INDIA			tejas@safexfire.com
		M/s The Zenith Engineers Ltd,West Bengal	Karbala , Sonarpur, Vivekanand College, Narendrapur, Kolkata-700103, West Bengal, India	Mr. Subir Ghosh	08068441113 Dial(425) connected	
38	Bird Cap	M/s.3M Electro & Communication India Pvt Ltd,Pune	145,Mumbai-Pune Road,Pimpri,Pune,Maharashtra	Mr.Sujit Kumar Nayak Mr.Abhijit Bhagwat	9830662725 9850667259	arbhagwat@mmm.com sknayak@mmm.com
		M/s Raychem RPG Pvt Ltd.,Gujarat	Kanjari,Jyoti Compound,Nr Halol GIDC,Panchmahal,Gujarat	Mr.Rahul Biswas Mr.Mehul Patel	9771427299 9724304622	rahul_biswas@raychemrpg.com
39	Bird Guard	M/s Asian Loto Corporation Ltd, Haryana	C-3,1st Floor,Arya Samaj Road,Nehru Ground,N.I.T,Faridabad-121001	Mr.Dipak Arora	9811320275 9599057159	asianloto@asianloto.com sales@asianloto.com
		M/s Mangal Enterprises Pvt Ltd, Delhi	1743/46, 1st Floor,Electrical Market,Bhagirath Palace,Chandini Chowk,Delhi-110006	Mr.Bhuwan Pandey	8800702333	mangalenterprises2011@gmail.com
		M/s Namdhari Industrial Traders Pvt Ltd,Ludhiana	Latton Dana,Chandigarh Road,Ludhiana-141003	Mr.Gurjeet Singh	9814100398 9592000398	namdhari_ind_traders@yahoo.com sales@namdharindtraders.com
		M/s Aishani Electronics Pvt. Ltd.	Office and Factory : J-488 MIDC Bhosari Pune-411026 Maharashtra.	Mr. Rohit Bhutoria	9370146046	aishanielectronics@yahoo.com
		M/s Rahul Powertech Engineers Pvt Ltd,Rajasthan	A-807,Phase-2,Industrial Area,Bhilwadi,Alwar,Rajasthan	Mr.Yogendra Jain	9350863924 9810437369	
40	Fuse wire	M/s Perfect Sales corporation	Perfect Sales Corp., Plot. No-12, Sec-II DC, IIE Pantnagar, SIDCUL, Rudrapur, UttraKhand-263153	Mr. Yashpal Gugnani	9810084903	info@perfectcpt.com
		M/s Ripkons Tradewings	Pocket- N1, Plot No.79, Sec-5 DSIDC, Bawana Industrial Area, Delhi-110039	Mr. Nilesh Hirani	9810764004	hiranineesh@yahoo.co.in
41	Connectors & Lugs (Tech. specification to be superseed if MAKE is specified)	M/s AXIS Electrical Components (I) Pvt. Ltd	149-BCD, Kandivali Co - op Industrial Estate, Charkop, Kandivali West, Mumbai-400067, Maharashtra, India.	Mr. Jyoti Mhatre	M: +91 7304445295 T: +91 22 67756027	jyoti.m@axis-india.com
		M/s Dowell's Cable Accessories	Polycab-Dowell's Unit-7, Village-vaseti, Taluka-Halol, District- Panchmahal		0265-415-7234	enquiry@polycab.com contactus.dowells@polycab.com
		M/s Jainco Transmission Ltd, Howrah	Jalan Complex, Gate No. 1, Lane No. 7, NH-6, Howrah, West Bengal	Mr. Koustav Das	7278791702 9831022022	info@jainco.net
		M/s Pioneer Power	Laxmi Industrial Estate, Penkar Pada Road, Mera Road , Thane, Mumbai-401104	Mr. Ravi Baranwal	7977346826	info@pioneerpowers.com
		M/s Braco Electricals	010, Midas, Saar Plaza Complex, Next to Chakala Metro Station Gate # 3, J.B. Nagar, Andheri – EAST, MUMBAI 400 059	Rameez Khan	9987233420	sales@braco.in
		M/s R G Electricals		Mr Rama Chandra Senapati	9937035447 / 9938648380	rgelectricals.enggudvyog@gmail.com
		M/s Paragon	W-57(B), MIDC, AMBAD, NASHIK-422010	Mr. Sanjivani Kulkarni MR SANDEEP CHANDWADKAR	9890121230 9423554777 9890121230	paragon_lugs@paragon_lugs@gmail.com paragon_lugs@gmail.com sandeep.lugs@gmail.com
		M/s Ravi Industries	SECTOR-53,PHASE-3,KUNDLI,SONIPAT HARYANA-131028	Ms. Vijeta Hans	9560019276	tendermarketing1@deegeelitecables.com
		M/s Anish Electricals	SHOP NO. 38, GROUND FLOOR,54 EZRA STREET,KOLKATA,West Bengal-700001	Mr. Jigar Thakrar	9051961610 033- 40240289	info@anishlectricals.com jigar@anishlectricals.com



GUARANTEED TECHNICAL PARTICULARS OF FRP FENCING

Sr. No.	DESCRIPTION	REQUIREMENT	To be filled by Bidder
1	Glass content	60-70 %	Yes
2	Resin content	30-40 %	Yes
3	Density of Moulding	1.8 to 2.1 g/ml	Yes
4	Water Absorption	0.6% Max	Yes
5	Izod Impact Strength	45 KJ/m ²	Yes
6	Tensile Strength	206 MPa	Yes
7	Flexural Strength	210 MPa	Yes
8	Modulus of Elasticity	12x10 ³ to 15x10 ³ MPa	Yes
9	Surface resistivity (24Hour in Water)	1x10 ¹¹ Ohm, Min	Yes
10	Volume resistivity	1x10 ¹³ Ohm-cm, Min	Yes
11	Tracking	600 Min	Yes
12	Power arc resistance	120 sec, Min	Yes
13	Dielectric strength At 90°C in oil kV/mm	25 Kv/inch	Yes
14	Heat distortion temperature	125°C, Min	Yes
15	Oxygen index	23% Min.	Yes
16	Grade of material for Fencing	Pultruded FRP UV and Fire Resistant confirming to specification requirements as per IS 6746	Yes
17	Type Test certificate for material	type test certificate should not be older than 5 years as on the date of tender opening	Yes, Enclosed
18	Size of the Fencing	3000 x2400 x2050 (LxBxH)	Yes, As per site condition
19	Foundation drawings details	To be provided by bidder	Yes, Enclosed
20	Net mass	To be provided by bidder	Yes
21	Name Plate	Name plate of with PO no. & date to be provided on door.	Yes
22	Colour of Fencing	BLUE Colour	Yes
23	Installation supervision	To be provided by bidder for initial 5 number quantity	Yes
24	Fluorescent tape permanent type	On all sides of top frame of fencing.	Yes
25	Sides Sections with 2.4 m length	Sides of 2.4 m length should have three sections	Yes
26	The grouting pipes	The grouting pipes load bearing should have stopper arrangement for fixing in the civil work	Yes

27 flurosent Sticker

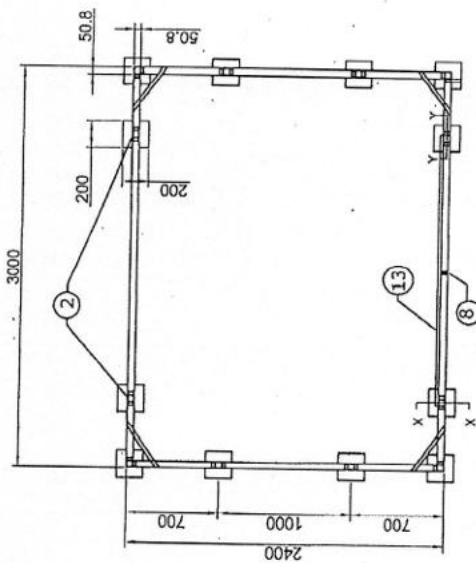
in each post (2 mtr)

Yes

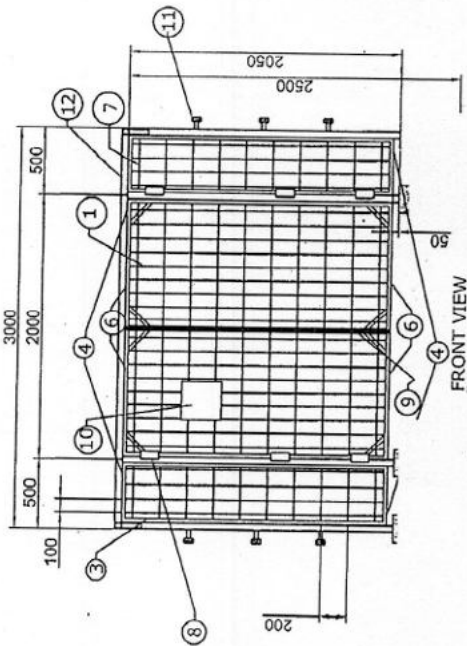
DIFFERENT COMPONENTS OF FRP FENCING/BOM

SI	Item	Profile	Material	Dimension	Bidder response
1	Picket/ Vertical Flats	Flats	FRP	40X5 mm	8 Nos Per standard Panel
2	Vertical Posts	SQ. Pipe	FRP	50.8x50.8x3.175 mm	2 Nos Per standard Panel
3	Vertical Pipe (frame)	Rect. Pipe	FRP	50.8x25.4x3.175 mm	2 Nos Per standard Panel
4	Horizontal pipe (frame)	Rect. Pipe	FRP	50.8x25.4x3.175 mm	2 Nos Per standard Panel
5	Horizontal Pipe (frame)	Rect. Pipe	FRP	50.8x25.4x3.175 mm	Continuous pipe for each Side of substation fencing
6	Horizontal Pipe (Gate frame)	Rect. Pipe	FRP	50.8x25.4x3.175 mm	6 Nos Per S/S
7	Rail	Notch & groove bar	FRP	Ø12 mm	10 Nos per standard panel
8	Door		FRP		2 Nos for each S/S
9	Door Bolt(Handle)		SS	250x16mm	2 Nos for each S/S
10	Hinges		SS		4 Nos for each door
11	Door Stopper (Horizontal)	Rect. Pipe	FRP	50.8x25.4x3.175 mm	1 No. for each S/S
12	Name Plate		SS/SMC		1 No. for each S/S
13	TPCODL LOGO		Sticker pasted at FRP surface		1 No. for each S/S
14	Danger Board		MS	25X20 CM	1 No. for each S/S
11	Nut-Bolt & Washer (stud bolt)		SS	M12 x120	1 No. Per standard Panel/Different types as per site requirement Yes
15	Nut-Bolt & Washer (stud bolt)		SS	M6 x100	
16	SS Key & Lock arrangement		SS		to be provided

Engineering Drawing for FRP fencing

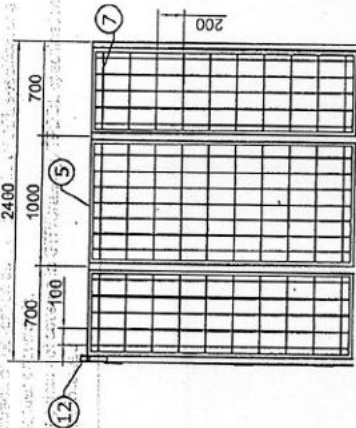


TOP VIEW

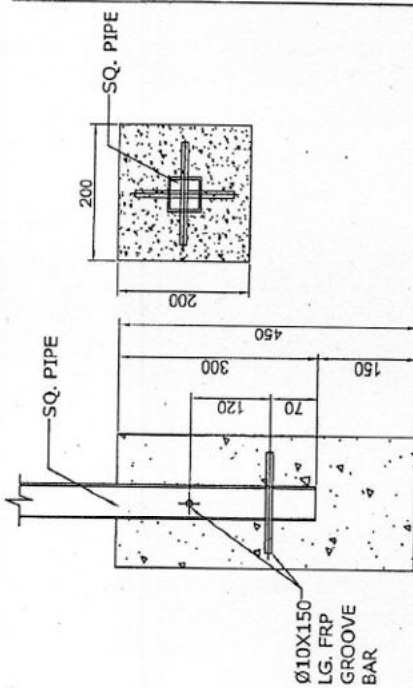


FRONT VIEW

DETAIL OF SEC Y-Y

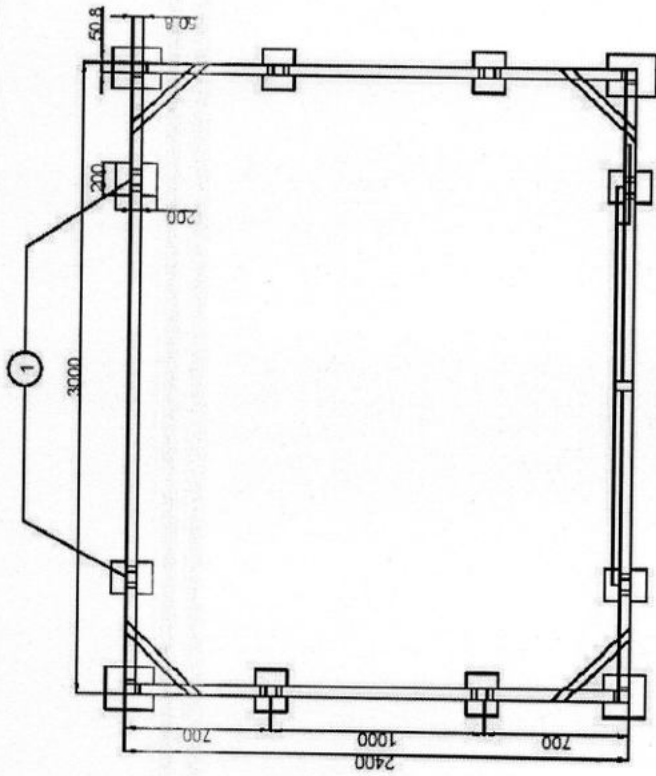


SIDE VIEW

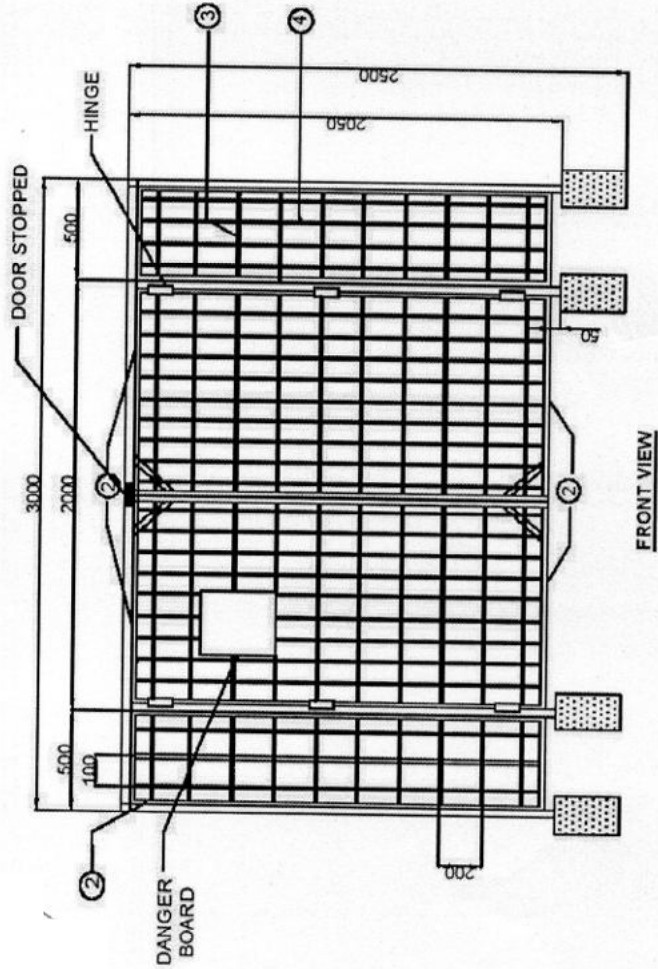


No.	Item	Profile	Dimension
1	Pickets/vertical flats	Flats	40 x 5mm Thk
2	vertical posts	SQ. Pipe	50.8 x 50.8 x 3.175 mm
3	vertical pipe(frame)	Rect. Pipe	50.8 x 25.4 x 3.175 mm
4	Horizontal pipe(frame)	Rect. Pipe	50.8 x 25.4 x 3.175 mm
5	Horizontal pipe(frame)	Rect. Pipe	50.4 x 25.4 x 3.175 mm
6	Horizontal pipe(gate frame)	Rect. pipe	50.8 x 25.4 x 3.175 mm
7	Rail	Notch & groove bar	Ø12 mm
8	Hinges		S.S. material
9	Door Stopper (Vertical)		F.R.P
10	Danger Board		M.S. Material
11	Nut bolt & washer	M12 x 100	S.S. Material
12	Horizontal pipe(frame support)	SQ. Pipe	50.8 x 50.8 x 3.175 mm
13	Door Stopper (Horizontal)	Rect. Pipe	50.8 x 25.4 x 3.175 mm
14	Stud Bolt	M12X120	S.S. Material
15	Bolt	M6 X 100	S.S. Material

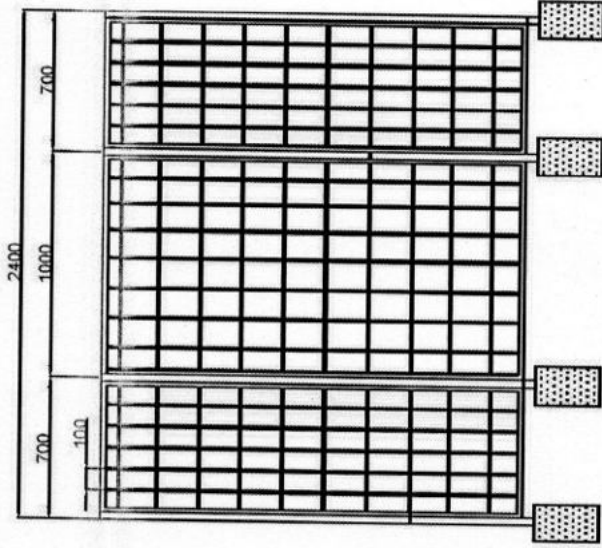
NOTE : ALL DIMENSION ARE IN mm UNLESS OTHERWISE SPECIFI



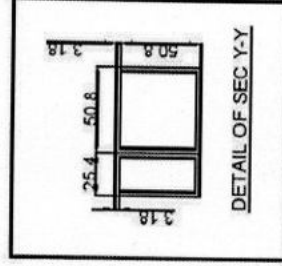
TOP VIEW



FRONT VIEW



SIDE VIEW



DETAIL OF SEC Y-Y

BILL OF MATERIAL			SUPPLIER REMARK
SL NO.	DESCRIPTION	REQUIREMENT	
1	VERTICAL POST (Pultruded FRP)	FRP Box section of 50.8X50.8X3.175 mm	YES
2	Sub frame section	FRP Box section of 50.8X25.4X3.175 mm	YES
3	Rail	FRP Rod Dia 12 mm	YES
4	Pickets	FRP Flat 40X5 mm Thk	YES

TITLE- FRP FENCING (3000X2500 MM) DRAWING NO. - 2020/SCPI/60

TOLERANCE - ± 5%

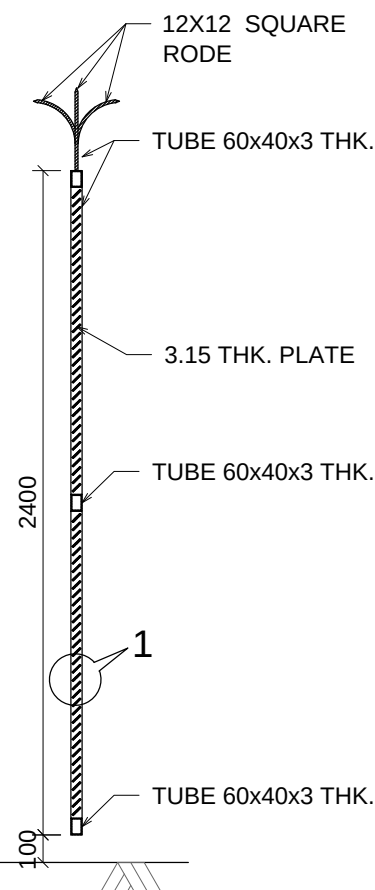
DRAWN BY NM

CHECKED BY AJ

DT. - 15/08/20



UNLESS AND OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN mm



40

3.15

TUBE 60x40x3 THK.

3.15 THK. PLATE

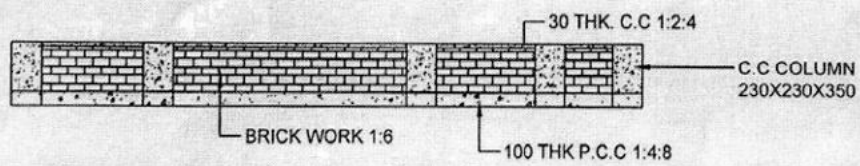
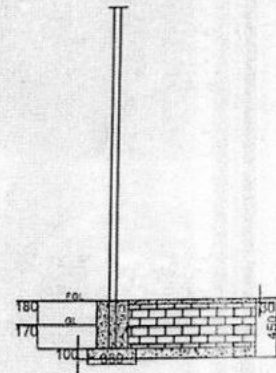
TYP - TYPICAL	☉ - TOR
THK - THICKNESS	C/C - CENTER TO CENTER
☉ - CENTER LINE	PD - PEDESTAL
COL. - COLUMN	FDN - FOUNDATION
F.F.L. - FLOOR FINISH LEVEL	TB - TIE BEAM
F.G.L - FINISH GROUND LEVEL	GL - GROUND LEVEL
U.F.L - UNFINISHED FLOOR LEVEL	

1. ALL DIMENSIONS ARE IN MM. & ALL LEVEL ARE IN MTRS.
2. ALL DIMENSIONS TO BE CHECKED AT SITE BEFORE FABRICATION & CONSTRUCTION.
3. $\bar{\Phi}$ REPRESENTS HIGH YIELD STRENGTH DEFORMED BARS (FE 500) CONFORMING TO IS 1786.
4. CONCRETE GRADE M-25 U.N.O. (IS CODE 456 / 2000)
5. CLEAR COVER TO MAIN BARS.
 - A. FOOTING BOTTOM 75 mm.
 - B. FOOTING TOP & SIDE 50 mm.
6. LAP LENGTH SHALL BE MIN. '50 D' FOR BARS (DIAMETER OF SMALLER BAR).
7. CEMENT SHALL BE OPC 43/53 CONFORMING TO IS 8112 .
8. NET SBC IS CONSIDERED AS 10 T/M² IN ABSENCE OF ANY DATA.
9. THE COMPACTION DENSITY OF BACKFILLING EARTH SURROUNDING THE FOUNDATION & PEDESTAL SHOULD BE 95% PROCTOR DENSITY
10. ALL STRUCTURAL STEEL WORK TO CONFIRM IS-2062.
11. ALL WELDS 6 MM THK. FILLET CONTINUOUS (U.N.O.)
12. ALL CONTACT LENGTHS TO BE WELD.
13. ALL STEEL WORK TO RECEIVE ONE SHOP COAT OF ZINC SILICATE PRIMER CONFIRMING TO IS SPECIFICATIONS.
14. FABRICATION AND ERECTION TOLERANCES TO CONFIRM AS PER IS 12843.
15. FABRICATION DWG. IS IN CONTRACTOR SCOPE.
16. ALL STEEL WORK SHALL BE CLEANED AND PAINTED AS PER THE SPECIFICATIONS & RELEVANT ITEMS OF THE BILL OF QUANTITIES.
17. EL. 100.00 CORRESPONDS TO FGL.
18. DIAGONAL BRACING SHALL BE PROVIDED AT START AND END OF SPAN BETWEEN EVERY DIVERSION / BENT OF BOUNDARY WALL.
19. EXPANSION JOINT SHALL BE PROVIDED EVERY 18 M. OF BOUNDARY WALL.
20. INTERNAL PLASTER 12MM THK. AND EXTERNAL PLASTER 18 MM THK.

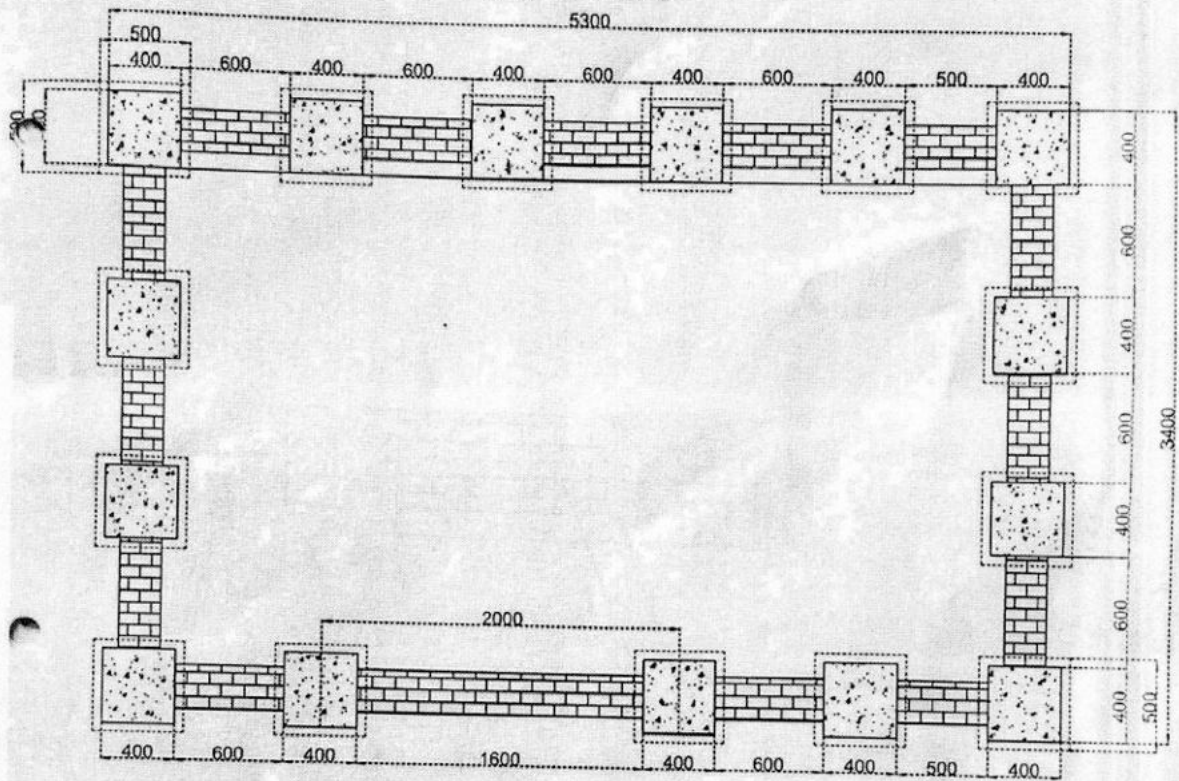
PROJECT : TPSODL

TITLE :
TYPICAL LAYOUT & DETAILS FOR BOUNDARY WALL

		THE TATA POWER COMPANY LIMITED	
SCALE :	AS NOTED	APPROVED S.C.	DATE : (REV.0 ISSUE) 02/09/2021
DRAWN :	MDG		DATE : (CURRENT REV.) 02/09/2021
CHECKED :	SN		
REVIEWED:	SC	DWG. NO.: CA00356-00-C01-C2-005	REV.: 0



FOR SANDY SOIL



SECTIONAL DRAWING

