

ODISHA POWER TRANSMISSION CORPORATION LIMITED



(A Government of Odisha Undertaking)
OFFICE OF THE GENERAL MANAGER (ELECT)
EHT (O & M) CIRCLE, BURLA
P.O.-BURLA, DIST-SAMBALPUR (ODISHA) PIN- 768017
CIN: U40102OR2004SGC007553

E-TENDER CALL NOTICE NO. BRL-44/2022-23 (TWO PART BIDDING)

Sealed tenders in duplicate are invited in two part bidding system by the undersigned from the Manufacturers/Authorized distributors/ Dealer having valid IT, PAN, GST Registration certificate, distributor/dealership certificate for Supply of 1no of ACDB, 1no of DCDB with Bus-Coupler arrangement, 7nos of BMK, 16nos of PT Junction boxes, 2nos of SFU for 2nos of Station Transformers & Disconnecting type TB for CT consol boxes for SAS work at 220/132/33KV Grid Sub-Station, Katapali under EHT (O&M) Division, Burla.

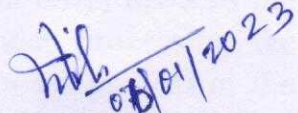
SL. NO.	DESCRIPTIONS	EMD Rs.	COST OF TENDER PAPER Rs.
1	Supply of 1No. of ACDB, 1No. of DCDB with Bus-Coupler arrangement, 7nos of BMK, 16nos of PT Junction boxes, 2nos of SFU for 2nos of Station Transformers & Disconnecting type TB for CT consol boxes for SAS work at 220/132/33KV Grid Sub-Station, Katapali under EHT (O&M) Division, Burla.	1% of Quoted value	7080.00 Inclusive of GST @ 18 %

- Date of sale of tender paper** - From 07.01.2023 to 24.01.2023 up to 17:00Hrs. at www.tenderwizard.com/OPTCL
- Last date & Time of Receipt of Tender paper** - On or before 25.01.2023 up to 13:30Hrs.
- Date of opening of Tender paper (Technical bid only)** - On 25.01.2023 at 15:30Hrs. at EHT (O&M) Circle, Burla.
- Date of opening of financial bid (those who have qualified in technical bid only)** - Will be intimated later (those who have qualified in technical bid)

The tender specification can be made available in the www.tenderwizard.com/OPTCL.

The tender must be accompanied with requisite EMD @ 1% of your quoted value in shape of DD/Pay order only in favor of "EHT (O&M) Circle, OPTCL, Burla" payable at Burla. The undersigned shall not be responsible for non receipt or late receipt of tender documents due to postal delay or delay at any stage. Incomplete tender and the tender received after the due date and time shall be liable for rejection. Incomplete tender, tender without EMD and the tender received after the due date and time shall be liable for rejection.

The undersigned reserves the right to vary any quantity/accept or reject any or all the tenders without assigning any reason thereof.


General Manager (Elect)
E.H.T. (O&M) Circle, Burla



NOTICE INVITING TENDER
ODISHA POWER TRANSMISSION CORPORATION LIMITED
OFFICE OF THE GENERAL MANAGER (ELECTRICAL) EHT (O & M)
CIRCLE, BURLA
E-mail: ehm.cle.brl@optcl.co.in

CIN: U40102OR2004SGC007553

E-TENDER NOTICE NO- BRL-44/ 2022-23

For and on behalf of the ODISHA POWER TRANSMISSION CORPORATION LTD., the undersigned invites bids under Two part bidding system in e-tendering mode only as per the following details.

<i>Sl. No</i>	<i>Tender Specification No.</i>	<i>Location Details.</i>	INDIAN RUPEES			<i>Last date of submission & Date of opening of Tender.</i>
			<i>Earnest Money Deposit</i>	<i>Cost of Tender Spec. Document (Including GST)</i>	<i>Tender Processing Fee.</i>	
1	E - Tender No. 44/2022-23	220/132/33KV Grid Sub-Station, Katapali under EHT (O&M) Division, Burla	1% of Quoted value	Rs.7080/- [Only in the shape of DD]	Rs. 3698/-	up to dt- 25.01.2023 (13:30 Hrs) and 25.01.2023 (15:30 hrs.)

The bidders can view the tender documents from website free of cost.

The bidders who want to submit bid shall have to pay Rs.7080/- (Rupees Seven Thousand Eighty only including GST @ 18% non refundable) towards the tender cost, **in the form of Demand draft only**, drawn in favour of General Manager, E.H.T. (O&M) Circle, Burla at the office of the undersigned on or before the last date & time of submission of tender.

The bidders shall have to submit non-refundable amount of Rs. 3698/- (Rupees Three thousand six hundred ninety-eight only) towards the tender processing fee through **e-payment** mode. Tender processing fee acknowledgement is to be submitted along with tender Paper cost at the office of the undersigned on or before the last date & time of submission of

tender.

The bidders shall scan the Demand Draft/Pay order/ Bank guarantee towards, Tender Cost and tender processing fee and upload the same in the prescribed form in .gif or .jpg format in addition to sending the original as stated above.

The prospective bidders are advised to register their user ID, Password, company ID from website www.tenderwizard.com/OPTCL by clicking on hyper link "Register Me".

Any clarifications regarding the scope of work and technical features of the tender can be had from the undersigned during office hours.

hsh
26/01/2023

General Manager (Elect)
E.H.T. (O&M) Circle, Burla

TECHNICAL SPECIFICATION FOR PROCUREMENT OF 1NO OF ACDB, 1NO OF DCDB WITH BUS COUPLER ARRANGEMENT, 7NOS OF BMK, 16NOS OF PT JUNCTION BOXES, 2NOS OF SFU FOR 2NOS OF STATION TRANSFORMERS & DISCONNECTING TYPE TB FOR CT CONSOLE BOXES FOR SAS WORK AT GSS, KATAPALI

<u>INDOOR FLOOR MOUNTED ACDB (01 NO)</u>			
<u>TECHNICAL SPECIFICATION OF ACDB</u>			
Sl. No.	Technical particular of Panel		
1	Indoor Floor mounting type panel stands on a 75mm base channel		
2	All dimensions are in mm & ±10% acceptable		
3	Overall dimension of (4100(W)*2075(H)*600(D)mm		
4	Panel made of 2.0 mm CR sheet Load bearing- 2mm CRCA & Non load bearing-2mm CRCA		
5	Cable entry from bottom (Incoming & Outgoing)		
6	Design In front side Bus bar & back side cable alley		
7	Detachable gland plates are provided (3mm thickness)		
8	Consoled hinged doors will have flexible earthing(4sqmm copper wire)		
9	Main earthing will be provided at the bottom of the panel (30×6mm copper flat)		
10	Panel hooks to be provided at the top of the panel		
11	Stickers to be provided on the door of each feeder		
12	50×10mm aluminium busbar-1 no per phase, 3 bars		
13	Neutral busbar half of that of the main Busbar.		
14	Red,yellow,blue & Black Heat shrinkable sleeves will be used for the Busbars.		
15	Panel will be properly gasketed with soft rubber gasket.		
16	Panel should be of totally powder coated with Smoke grey colour (Tfr incomer cover-blue, DG incomer Cover-orange, Buscoupler & Busbar Chamber cover-Red)		
17	Panel in single front & Both side accessible.		
SL. NO.	DESCRIPTION	QNTY	UNIT
	400A(I/P ITEM)	4	SETS
1	400A FP 25KA MOTO-BASE WITH O/C & ADJUSTABLE MAGNETIC WITH ROM & S. LINK	4	Nos.
2	AUXILARY TRIP ALRAM SWITCH FOR MCCB	4	Nos.
3	UNDER VOLTAGE RELEASE FOR MCCB	4	Nos.
4	MECHANICAL LOCK FOR MCCB	4	Nos.
5	AC VOLTMETER-0-500V-0D-(96X96)mm DIGITAL TYPE	4	Nos.
6	AC AMMETER -0-400A/5A 0D-(96x96)mm DIGITAL TYPE	4	Nos.
7	6A AMMETER SELECTOR SWITCH AC	4	Nos.
8	6A AC VOLTMETER SELECTOR SWITCH	4	Nos.
9	R,Y,B INDICATION LAMP LED TYPE	12	Nos.
10	CT-400/5A, C10.25, 15VA,METERING CLASS	12	Nos.
11	6A SP MCB 10KA	12	Nos.
12	AUXILIARY CONTACTOR 2NO+2NC 230V AC	12	Nos.
13	ADD -ON BLOCK 2NO+2NC	8	Nos.
14	PANEL LAMP	2	Nos.
15	DOOR LIMIT SWITCH	2	Nos.
16	SPACE HEATER 100W 220V AC	2	Nos.
17	THERMO START 30-85°C 220V AC	2	Nos.
18	10A DP AC MCB, 10KA	6	Nos.
	BUS COUPLER(I/P ITEM)	1	SETS

Handwritten signature

19	400A FP 25KA MOTO-BASE WITH O/C ADJUSTABLE MAGNETIC WITH ROM & S.LINK	1	Nos.
20	MECHANICAL LOCK FOR MCCB	1	Nos.
21	AUXILIARY SWITCH FOR MCCB	1	Nos.
22	UNDERVOLTAGE RELEASE FOR MCCB	1	Nos.
23	AUXILIARY CONTRACTOR 2NO+2NC 230V AC	6	Nos.
24	ADD-ON BLOCK 2NO+2NC	6	Nos.
25	10A DP AC MCB, 10KA	3	Nos.
26	TIMER	1	Nos.
27	AUTO -LOCAL- REMOTE SWITCH, 3WAY	1	Nos.
	63A(OUTGOING)	32	SETS
28	MCCB-3P-63A-10KA-TM BASED WITH ROM	32	Nos.
29	POWER TB(STUD TYPE)	32	Nos.
	32A(OUTGOING)	16	SETS
30	MCCB-3P-32A-10KA-TM BASED WITH ROM	16	Nos.
31	POWER TB(STUD TYPE)	16	Nos.
32	CONTROL TB 25A(4SQMM)	50	Nos.
	PANEL DESCRIPTION		
33	ACDB panel as per Technical specification	1	Lot

N.B All items should be make of C&S, L&T, ABB, ALSTOM, SIMENES, HAVELLS, HAGER or equivalent reputed manufacture.

Following size flexible copper wire to be used for Control & Power wiring

1	AC voltage circuit:2.5SQ MM (Red,Yellow,Blue,Black)	6	6 SQMM copper flexible wire used for 32A MCCB
2	AC Current circuit:2.5SQ MM (Red,Yellow,Blue,Black)	7	16 SQMM copper flexible wire used for 63A MCCB
3	Earthing:4SQ MM (Green)		
4	DC control Circuit:2.5SQ MM (Grey)		
5	AC control circuit:2.5SQ MM (Black)		

Wire of (Make: Polycab, Havells, Finolex, HPL, Anchor) to be used for different switchgear rating			Terminal details to be used (Make: Connectwell, Elemex)		
Sl.No	Copper Flexble wire size	S/G rating	Sl.No	Terminal Size (Clip on Type terminal)	S/G rating
1	35 SQMM	100A	1	35 SQMM	100A
2	25 SQMM	80A	2	25 SQMM	80A
3	16 SQMM	60A	3	16 SQMM	60A
4	10 SQMM	40A	4	10 SQMM	40A
5	06 SQMM	32A	5	06 SQMM	32A
6	04 SQMM	25A	6	04 SQMM	25A & below
7	50 SQMM	125A	7	50 SQMM	125A
8	2.5 SQMM	For CT	8	2.5 SQMM	For control
9	2.5 SQMM	For control	Notes: Except for controlling all other rating 150-4H stud type terminal to be used (Make: Electro fiber)		
Note: For 100A & 80A rating switchgear suitable alluminium busbar to be used.					

INDOOR FLOOR MOUNTED DCDB (01 NO)**TECHNICAL SPECIFICATION OF DCDB**

Sl.No	Technical particular of Panel		
1	Indoor Floor mounting type panel stands on a 75mm base channel		
2	All dimensions are in mm & ±10% acceptable		
3	Overall dimension of (1150(W)*1775(H)*500(D)		
4	Panel made of 2.0 mm CR sheet Load bearing- 2mm CRCA & Non load bearing-2mm CRCA		
5	Cable entry from bottom (Incoming & Outgoing)		
6	Design In front side bus bar & back side cable alley		
7	Detachable gland plates are provided (3mm thickness)		
8	Consoled hinged doors will have flexible earthing (4sqmm copper wire)		
9	Main earthing will be provided at the bottom of the panel (25×5mm copper flat)		
10	Panel hooks will be provided at the top of the panel		
11	Stickers are to be provided on the door of each feeder		
12	25×10mm copper Busbar-1 no per phase, 2 bars.		
13	Neutral Busbar same as of the main busbar.		
14	Red & Black Heat shrinkable sleeves will be used for busbars.		
15	Panel will be properly gasketed with soft rubber gasket.		
16	Panel totally powder coated with smoke grey colour (Tfr incomer cover-blue, DG incomer Cover-orange, Bus coupler & Busbar Chamber cover-Red)		
17	Panel in single front & Both side accessible		
Sl. No.	DESCRIPTION	QNTY	UNIT
I/P ITEM			
1	MCCB-3P/DP-100A-415VAC-25KA WITH ROM & S.LINK THERMAL MAGNETIC RELEASE	3	Nos.
2	MECHANICAL LOCK FOR MCCB	3	Nos.
3	AUXILARY+TRIP ALRAM SWITCH FOR MCCB	2	Nos.
4	DC AMMETER 50-0-50A DIGITAL TYPE (96×96)mm	2	Nos.
5	DC VOLTMETER-0-100 DIGITAL TYPE(96×96)	2	Nos.
6	DC TRANSDUCER-AMMETER(4-20mA)	2	Nos.
7	DC TRANSDUCER-VOLTMETER(4-20mA)	2	Nos.
8	DC SHUNT 100A 75mv	2	Nos.
9	DC E/F RELAY-220VDC,AUX SUP-240VAC	2	Nos.
10	ON,OFF,TRIP INDICATION LAMP	6	Nos.
11	6A DP MCB 10KA AC	4	Nos.
12	PANEL LAMP	2	Nos.
13	5A SWITCH WITH BOX	2	Nos.
14	SPACE HEATER 100W 220V AC	2	Nos.
15	THERMOSTART 30-85C 220V AC	2	Nos.
16	AUXILARY CONTACTOR 2NO+2NC 230VAC	6	Nos.
17	ADD-ON-BLOCK 2NO+2NC	5	Nos.
18	20A CONTROL FUSE BASE WITH 4A LINK	6	Nos.
OUTGOING			
19	MCB-32A-2P-DC-10KA	40	Nos.
PANEL DESCRIPTION			
20	DCDB panel as per Technical specification	1	LOT

All items should be make of C&S, L&T, ABB, ALSTOM, SIMENES, HAVELLS, HAGER or equivalent reputed manufacture.

N.B

Following size flexible copper wire to be used for Control & Power wiring

1	AC voltage circuit:2.5SQ MM (Red,Yellow,Blue,Black)	6	6 SQMM copper flexible wire used for 32A MCB
2	AC Current circuit:2.5SQ MM (Red,Yellow,Blue,Black)		
3	Earthing:4SQ MM (Green)		
4	DC control Circuit:2.5SQ MM (Grey)		
5	AC control circuit:2.5SQ MM (Black)		

Wire of (Make: Polycab, Havells, Finolex, HPL, Anchor) to be used for different switchgear rating			Terminal details to be used(Make: Connectwell, Elemex)		
Sl.No	Copper Flexible wire size	S/G rating	Sl.No	Terminal Size (Clip on Type terminal)	S/G rating
1	35 SQMM	100A	1	35 SQMM	100A
2	25 SQMM	80A	2	25 SQMM	80A
3	16 SQMM	60A	3	16 SQMM	60A
4	10 SQMM	40A	4	10 SQMM	40A
5	06 SQMM	32A	5	06 SQMM	32A
6	04 SQMM	25A	6	04 SQMM	25A & below
7	50 SQMM	125A	7	50 SQMM	125A
8	2.5 SQMM	For CT	8	2.5 SQMM	For Control
9	2.5 SQMM	For control	Notes: Except for controlling all other rating 150-4H stud type terminal might be used (Make: Electro fiber)		

Note: For 100A & 80A rating switchgear suitable alluminium busbar might be used.

SWITCH YARD BMK (7 Nos.)

TECHNICAL SPECIFICATION OF SWITCHYARD BMK

Sl.No	Technical particular of Panel		
1	Outdoor Floor mounting type panel stands on a 75x40x5mm base channel		
2	All diamensions are in mm & ±10% acceptable		
3	Overall dimension of (900(W)*1965(H)*450(D)		
4	Panel made of 3.0 mm CR sheet Load bearing- 3mm CRCA & Non load bearing-3mm CRCA		
5	Cable entry from bottom (Incoming & Outgoing)		
6	Design In front side bus bar & back side cable alley		
7	Detachable gland plates are provided (3mm thickness)		
8	Consoled hinged doors will have flexible earthing (4sqmm copper wire)		
9	Main earthing will be provided at the bottom of the panel (25×5mm copper flat)		
10	Panel hooks will be provided at the top of the panel		
11	Stickers are provided on the door of each feeder		
12	25×5mm aluminium Busbar-1 no per phase, 3 bars		
13	Neutral busbar same of the main busbar		
14	Red,yellow,blue & Black Heat shrinkable sleeves will be used for busbars.		
15	Panel will be properly gasketed with soft rubber gasket.		
16	Colour totally painted with synthetic enamel paint smokey gray as per IS-692		
17	Panel in single front & Both side accessible		
18	Top conopy shall be with 3mm aluminum alloy material		
SL. NO.	DESCRIPTION	QNTY	UNIT
	I/P ITEM		
1	MCB-63A-TP+N-10KA-AC-C CURVE	2	NOS
2	CONTACTOR-FP-70A-240V AC COIL-4NO	2	NOS

3	AUXILARY CONTACTOR 2NO+2NC 240V AC	1	NOS
4	BULB HOLDER WITH BULKET	1	NOS
5	5A SWITCH WITH BOX	1	NOS
6	SPACE HEATER-100W-230VAC	1	NOS
7	THERMOSTAT-(30-85)C-15A-250VAC+1NC+BRACK	1	NOS
8	CLUSTERED LED-ASSLY-240VAC-22.5MM-RED	2	NOS
9	GANG BOX DOMESTIC-2SW+1 SOCKET	1	NOS
10	MULTIFUNCTION TIMER	1	NOS
11	POWER TB 63A(STUD TYPE TB)	2	NOS
12	POWER TB 32A(10SQMM)	60	NOS
13	NON DISCONNECTING TYPE TB 35A	200	NOS
OUTGOING			
14	MCB-16A-TP+N-10KA-C CURVE	10	NOS
15	MCB-10A-2P-10KA-AC-C-C CURVE	9	NOS
16	MCB-6A-2P-10KA-AC-C CURVE	4	NOS
PANEL DESCRIPTION			
17	BMK panel as per technical specification	1	LOT

N.B - All items should be make of C&S, L&T, ABB, ALSTOM, SIMENES, HAVELLS, HAGER or equivalent reputed manufacture.

Following size flexible copper wire to be used for Control & Power wiring

1	AC voltage circuit:2.5SQ MM (Red, Yellow, Blue, Black)	6	4 SQMM copper flexible wire used for 10A MCB
2	AC Current circuit:2.5SQ MM (Red, Yellow, Blue, Black)	7	6 SQMM copper flexible wire used for 16A MCCB
3	Earthing:4SQ MM (Green)		
4	DC control Circuit:2.5SQ MM (Grey)		
5	AC control circuit:2.5SQ MM (Black)		

Wire of (Make: Polycab, Havells, Finolex, HPL, Anchor) to be used for different switchgear rating			Terminal details to be used (Make: Connectwell, Elemex)		
Sl.No	Copper Flexble wire size	S/G rating	Sl.No	Terminal Size (Clip on Type terminal)	S/G rating
1	35 SQMM	100A	1	35 SQMM	100A
2	25 SQMM	80A	2	25 SQMM	80A
3	16 SQMM	60A	3	16 SQMM	60A
4	10 SQMM	40A	4	10 SQMM	40A
5	06 SQMM	32A	5	06 SQMM	32A
6	04 SQMM	25A	6	04 SQMM	25A & below
7	50 SQMM	125A	7	50 SQMM	125A
8	2.5 SQMM	For CT	8	2.5 SQMM	For CT
9	2.5 SQMM	For control	Notes: Except for controlling all other rating 150-4H stud type terminal might be used (Make: Electro fiber)		
Note: For 100A & 80A rating switchgear suitable alluminium busbar might be used.					

OUTDOOR KIOSK(SFU) (2 Nos.)

TECHNICAL SPECIFICATION OF SWITCHING FUSE UNIT(SFU)

Sl.No	Technical particular of Panel
1	Outdoor Floor mounting type panel stands on a 75x40x5mm base channel
2	All dimensions are in mm & ±10% acceptable
3	Overall dimension of (1300(W)*1765(H)*600(D)
4	Panel made of 3.0 mm CR sheet Load bearing- 3mm CRCA & Non load bearing-3mm CRCA

5	Cable entry from bottom (Incoming & Outgoing)		
6	Design In front side bus bar & front side cable alley		
7	Detachable gland plates are provided (3mm thickness)		
8	Consoled hinged doors will have flexiable earthing(4sqmm copper wire)		
9	Main earthing will be provided at the bottom of the panel (25×5mm copper flat)		
10	Panel hooks will be provided at the top of the panel		
11	Stickers are provided on the door of each feeder		
12	100×10mm aluminium busbar-1 no per phase, 3 bars		
13	Neutral busbar same of the main busbar		
14	Red,yellow,blue & Black Heat shrinkable sleeves will be used for busbars.		
15	Panel will be properly gasketed with soft rubber gasket.		
16	Colour totally painted with synthetic enamel paint smokey gray as per IS-692		
17	Panel in single front & back side totally closed		
18	Top conopy shall be with 3mm aluminum alloy material		
SL. NO.	DESCRIPTION	QNTY	UNIT
I/P ITEM			
1	1000A ISOLATOR SWITCH(MCCB TYPE)	1	NO
2	800A TPN SFU	1	NO
4	800A HRC	3	NOS
5	R,Y,B INDICATION LAMP	6	NOS
6	20A CONTROL FUSE BASE WITH LINK	6	NOS
PANEL DESCRIPTION			
7	Outdoor Kiosk (SFU) panel as per technical specification	1	LOT

N.B All items should be make of C&S, L&T, ABB, ALSTOM, SIMENES, HAVELLS, HAGER or equivalent reputed manufacture.

Following size flexible copper wire to be used for Control wiring

1	AC voltage circuit:2.5SQ MM (Red,Yellow,Blue,Black)
2	AC Current circuit:2.5SQ MM (Red,Yellow,Blue,Black)
3	Earthing:4SQ MM (Green)
4	DC control Circuit:2.5SQ MM (Grey)
5	AC control circuit:2.5SQ MM (Black)

Wire of (Make: Polycab, Havells, Finolex, HPL, Anchor) to be used for different switchgear rating			Terminal details to be used(Make: Connectwell, Elemex)		
Sl.No	Copper Flexble wire size	S/G rating	Sl.No	Terminal Size (Clip on Type terminal)	S/G rating
1	35 SQMM	100A	1	35 SQMM	100A
2	25 SQMM	80A	2	25 SQMM	80A
3	16 SQMM	60A	3	16 SQMM	60A
4	10 SQMM	40A	4	10 SQMM	40A
5	06 SQMM	32A	5	06 SQMM	32A
6	04 SQMM	25A	6	04 SQMM	25A & below
7	50 SQMM	125A	7	50 SQMM	125A
8	2.5 SQMM	For CT	8	2.5 SQMM	For CT
9	2.5 SQMM	For control	Notes: Except for controlling all other rating 150-4H stud type terminal might be used (Make: Electro fiber)		
Note: For 100A & 80A rating switchgear suitable alluminium busbar might be used.					

132KV PT CONSOLE BOX (16 NOS.)

TECHNICAL SPECIFICATION OF PT CONSOLE BOX

<u>Sl.No</u>	<u>Technical particular of Panel</u>
1	Outdoor Floor mounting type panel stands on a 75x40x5mm base channel
2	All dimensions are in mm & $\pm 10\%$ acceptable
3	Overall dimension of (450(W)*655(H)*155(D)
4	Panel made of 3.0 mm CR sheet Load bearing- 3mm CRCA & Non load bearing-3mm CRCA
5	Cable entry from bottom
6	Detachable gland plates are provided (3mm thickness)
7	Consoled hinged doors will have flexible earthing(4sqmm copper wire)
8	Main earthing will be provided at the bottom of the panel (25x5mm copper flat)
9	Stickers are provided on the door of each feeder
10	Panel will be properly gasketed with soft rubber gasket.
11	Colour totally painted with synthetic enamel paint smokey gray as per IS-692
12	Panel in single front & back side totally closed
13	Disconnecting type TB of 4 sqmm size for 2.5 sqmm cable

<u>SL. NO.</u>	<u>DESCRIPTION</u>	<u>QNTY</u>	<u>UNIT</u>
	I/P ITEM		
1	DISCONNECTING TYPE TERMINAL	60	NOS
2	PANEL LAMP	1	NO
3	5A SWITCH WITH BOX	1	NO
	PANEL DESCRIPTION		
4	PT Consol panel as per technical specification	1	LOT

N.B All items should be make of C&S, L&T, ABB, ALSTOM, SIMENES, HAVELLS, HAGER or equivalent reputed manufacture.

ESTIMATE FOR DISCONNECTING TYPE TERMINAL BLOCK

<u>SL. NO.</u>	<u>DESCRIPTION</u>	<u>QNTY</u>	<u>UNIT</u>
1	Disconnecting type Terminal Block	2100	Nos.

Handwritten signature and date: 06/01/2023

**GENERAL MANAGER (ELECT.)
E.H.T. (O&M) CIRCLE, BURLA**