

ଓଡ଼ିଶା ବିଦ୍ୟୁତ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲିଡ.
ODISHA POWER TRANSMISSION CORPORATION LTD.

(A Government of Odisha under taking)

Regd. Office: Janpath, Bhubaneswar-751022, Odisha

OFFICE OF THE GENERAL MANAGER (ELECT.)

EHT (O&M) CIRCLE: BURLA,

AT/PO – BURLA, DIST.: SAMBALPUR – 768017

TELE/FAX: (0663) 2430160, e-mail: ehm.cle.brl@optcl.co.in

CIN: U40102OR2004SGC007553

TENDER CALL NOTICE NO. 60/ 2022-23

The General Manager (Elect.), E.H.T. (O&M) Circle, Burla invites sealed Tenders (Two part bidding) in duplicate from authorized Suppliers/ Dealers/ Manufacturer having PAN, GST Registration Certificate holder for “Supply of 4nos of 33 KV Switch ward BMK SAS work at 220/132/33 KV Grid Sub-Station, Budhipadar” under E.H.T (O&M) Division, Burla.

The tender specification can be obtained from the office of The G.M. E.H.T. (O&M) CIRCLE, BURLA on payment of **Rs. 4000/-(Four Thousand only)+GST @ 18%** (Non Refundable) in shape of Cash/Bank Draft in favor of EHT (O&M) CIRCLE, BURLA payable at BURLA, Sambalpur on (During Office hour) from **Dt.04.03.2023 to Dt.16.03.2023**. In case the B.D made any other nationalized bank payable at any clearing branch at burla will be allowed, But the bidders have to deposit the collection fee (Bank transaction fee) along with the paper cost. The collection fee & Paper cost is Nonrefundable. Additional amount of Rs.100/-(One Hundred only) may be paid extra for postal delivery of the tender specification. The undersigned shall not be held responsible for any postal delay.

The Tender shall be received Up to 01.00 PM of dated 17.03.2023 & will be opened at 03.30PM on Dt.17.03.2023 in the Office of the undersigned in the presence of the Bidders (or) their Authorized Representatives present if any. If any of the above date happens to be a holiday, the next working day will be the corresponding effective date. One Tender paper shall be issued to one Bidder. E.M.D @ 1% of the total quoted value should be deposited in shape of Demand Draft / Cash in favour of E.H.T. (O&M) Circle, Burla & payable at "Andhra Bank", Burla Branch along with Self Attested Copy of PAN Card and GST Registration Certificate failing which the tender will be liable for rejection.

The bidder should superscribe only the “Tender Call Notice No. & Date of Opening of the tender on the body of the Sealed Envelope”. Bidder should not write their name or any other information on the body of the sealed envelope. Super scribing any other information on the body of the envelop, Conditional tender, Incomplete tender, Telegraphic / Fax / E-mail (etc.) Tenders & Tenders not accompanied with requisite amount of E.M.D. will be rejected. The authority reserves all rights to reject any, all or part of the Tender, alter/modify the requirement/ delete any part of the tender without assigning any reason thereof.

N.B:- Tender Paper must be purchased from this office only within stipulated period. No other mode like downloaded paper from website will be accepted.

Ski
06/03/2023
for
GENERAL MANAGER
E.H.T. (O&M) Circle, Burla


Energy is precious. Save it.

**TECHNICAL SPECIFICATION FOR SUPPLY OF 4NOS OF 33 KV SWITCH WARD
BMK SAS WORK AT 220/132/33 KV GRID SUB-STATION, BUDHIPADAR" UNDER
E.H.T (O&M) DIVISION, BURLA**

ESTIMATE FOR OUTDOOR FLOOR MOUNTED BMK (Total 04 NOS) (For 33KV)	
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 dimensions 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(25x5 copper)
10	Panel hooks will be provided at the top of the panel
11	Stickers are provided on the door of each feeder
12	25x5mm aluminum bus bar 1 no per phase, 3 bar
13	Neutral bus bar same of the main bus bar
14	Red yellow,blue & Black Heat shrinkable sleeves will be used for bus bars.
15	Panel will be properly gasketed with soft rubber gasket.
16	Colour totally painted with synthetic enamel paint smokey grey as per IS 692
17	Panel in single front & Both side accessible
18	Top canopy shall be with 3mm aluminum alloy material

N.B: All items should be make of-C&S, L&T, ABB, Alstom, Siemens, Havells, Hager or equivalent manufacturer

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 MCB		
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) to be used for different switchgear rating		Terminal details to be used(Make: Connectwell,Elemex)			
SI.No	Copper Flexible wire size	S/G rating	SI.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	10SQMM	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 control in 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.					


 06/03/2023
 General Manager (Elect.)
 EHT (O&M) Circle, Burla