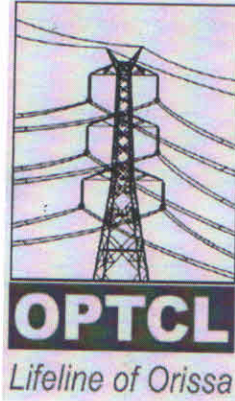


ODISHA POWER TRANSMISSION CORPORATION LIMITED
(A Government of Odisha Undertaking)



E.H.T. (Const.) Division, Jeypore

TENDER SPECIFICATION FOR

TENDER CALL NOTICE No. – 01/2021-22

**“SUPPLY OF 01 NO. ACDB & 01 NO. DCDB PANEL FOR
400/220 GRID SUB-STATION, PGCIL, KALIAGAON.”**

UNDER E.H.T. (Const.) Division, Jeypore

PRICE- Rs. 2240/-

**TENDER SPECIFICATION FOR TENDER CALL
NOTICE No. 01/2021-22
OF EHT (CONST.) DIVISION, JEYPURE**

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7.	COST OF TENDER PAPER (Non-refundable)	Rs. 2,000/- + 12 % GST=Rs.2,240/- (Rupees Two Thousand Two Hundred Forty) only by Cash/ Demand Draft drawn in favour of Deputy General Manager, EHT (Const.), Division, Jeypore payable at Jeypore, Odisha.
8.	E.M.D.	Rs. 4,956/- (Rupees Four Thousand Nine Hundred and Six) only by Demand draft drawn in favour of Deputy General Manager, EHT (Const.), Division, Jeypore payable at Jeypore, Odisha
9.	SALE OF TENDER PAPER	From Dated 07.05.2021 to Dated. 28.05.2021. (During office hours) available in the office of the Deputy General Manager, EHT (Const.), Division, Jeypore
10.	LAST DATE OF RECEIPT OF TENDER PAPER	Dated. 31.05.2021 up to 1:30 PM.
11.	DATE & TIME OF OPENING OF TENDER	Dated. 31.08.2021 at 3:30 P.M

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SECTION - I

INSTRUCTION TO BIDDERS

The Bidders must read in detail the "Instruction to Bidders" and "General terms and conditions" before filling the tender documents.

1. TENDERS:

A) Bidders must submit their bids with original signature. Tender specifications are available at this office from 07.05.2021 onwards. Bidders can download Tender documents from website of OPTCL i.e. <http://www.optcl.co.in>. But the bid must accompany with the original money receipt of OPTCL in support of purchase of Tender documents, otherwise bid can be rejected at once.

B) Tender must be submitted in sealed cover subscribed as **"Tender call Notice No. 01/2021-22 for "SUPPLY OF 1 NO. ACDB & 1 NO. DCDB PANEL (INDOOR TYPE) Complete in all respect required for 400/220 KV GRID SUB-STATION, PGCIL, Kaliagaon"** Under Deputy General Manager, EHT (Const.), Division, Jeypore" on or before 1:30 PM of dtd. 31.05.2021 addressed to the Deputy General Manager, EHT (Const.), Division, Jeypore.

C) Tender shall be submitted either in person or by registered post/courier. Any other means of delivery shall not be accepted. Detailed postal address with PIN No., Phone/Email of bidder must be mentioned in the application requesting for tender document and on the tender bid. The authority is not responsible for receipt of tender after due date due to postal delay or any other reasons. The tenderer who wants to receive the tender paper by post have to deposit additional Rs.100.00 along with the tender paper cost.

D) The bidder is to deposit EMD in shape of Demand Draft drawn in favour of **Deputy General Manager, EHT (Const.), Division, Jeypore. The EMD not claimed for refund within a period of one year from the date of issue of Purchase Order in this regard of successful tenderer** shall be forfeited. The EMD of all unsuccessful tenderers shall be refunded on written request after finalization of tender. No interest shall be paid on EMD. No adjustment towards EMD shall be permitted against outstanding amount, if any, remained with the OPTCL.

2. Experience:

The Tenderers should be of reputed Manufacturer having experience in manufacturing electrical panels of CPRI certification and ISO 9001-2015 and in the roll of approved vender of PGCIL and OPTCL. The bidders may submit the copy of past experience if any regarding supply of similar materials to PGCIL/GRIDCO/OPTCL or any other state or central PSUs.

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3. FORFEITURE OF EMD:

A) In the event the successful tenderer fails to carry out the works / partly carry out the works as per the technical specification the EMD so deposited shall be forfeited.

B) Any deviation from the terms and conditions of the contract the EMD so deposited shall be forfeited without any notice.

4. INFORMATION ON COMPETITORS:

Bidders have right to know information on competitors only at the time of opening of the bids. No further information on competitors shall be provided at any other point / stage of the tender without prejudice to Right to Information Act - 2005.

5. OPENING OF TENDERS:

A) Copy of PAN, GST registration, Certification proof from CPRI and ISO 9001-2015, must be enclosed with the tender bids.

B) Bidders themselves or their authorized representatives limited to one person only (possessing authorization letter in original) shall be allowed to attend opening event of the tenders.

6. The purchaser may alter the quantities of materials at the time of placing orders. Orders may also be split up among more than one tenderer if necessary. **The purchaser reserves the right to reject the lowest or any other Tender or all tenders without assigning any reason what so ever.**

7. Tender should be prepared clearly and without any overwriting and corrections. Erasures and other changes shall bear the dated initial of the person signing the Tender.

8. In the event of discrepancy or arithmetical error in the schedule of price, the decision of the purchaser shall be final and binding on the tenderer. For evaluation, the price mentioned in words shall be taken if there is any difference in figure and word in the price bid.

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GENERAL TERMS AND CONDITIONS

1. **Scope of contract:** The scope of contract shall be to delivered materials at destination in accordance with the enclosed technical specification and schedule of requirement (Section-3).
2. **Manner of execution:** All materials should be supplied under the contract shall confirm to the latest publication of relevant IS specification.
3. **Validity:** Tenderers are requested to keep the validity of their offer for a period of 6 months from the date of opening of tender.
4. **Price:** The price quoted by tenderer should be firm, F.O.R. destination inclusive of freight, Insurance, Packing, Forwarding charges inclusive discount, if any.
5. **Taxes:** All the rate quoted by the bidder shall be inclusive of all taxes. The tender may quote rate in respect of different make materials as per scheduled.
6. **Terms of Payment:** 90% payment with taxes etc. shall be made within 45 days after receipt of materials in full and in good condition & verification thereof by the consignee.
7. **Delivery:** The materials in full quantity shall be delivered within 30 days of receipt of purchase order, failing which purchase order shall be liable for cancellation with forfeiture of Earnest money/ Security Deposit.
8. **Penalty:** If the supplier shall fail to deliver the materials within the delivery period as stipulated under clause No. 5 (Section-II) of this Tender document or any extension granted there to, the purchaser shall recover from the supplier penalty for a sum of half percent (i.e. 0.5 percent) of the contract price for each calendar week or part thereof of delay. However the total amount of penalty shall not exceed 5% (five percent) of the contract/ undelivered items price. Materials will be deemed to have been delivered only when all the component parts are also delivered. If certain components are not delivered in time, the supply will be treated as delayed until such time the missing/ undelivered parts are delivered period.
9. **Extension of time:** If the delivery of materials is delayed due to reason beyond the control of supplier, the supplier shall without delay give justification. The purchaser on receipt of such notice may agree to extend the contract delivery date if reasonable but without prejudice to other terms and conditions of this contract.

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- 10. EMD:** The tenderers are requested to deposit EMD of **Rs.4,956/-** in shape of D.D. Drawn in favour of **Deputy General Manager, EHT (Const.), Division, Jeypore.** The tender without EMD will be liable for rejection. The D.D / original money receipt for the EMD should be enclosed along with original tender paper.
- 11. Security Deposit:** The tenderers whose offer qualifies for acceptance will be awarded Purchase Order and the supplier shall be required to deposit Security-cum-performance guarantee equal to 10% (Ten percent) of ordered value in shape of Demand Draft in favour of **Deputy General Manager, EHT (Const.), Division, Jeypore.** No interest shall be paid to the supplier towards the security deposit so deposited by the supplier.
- 12. The EMD not claimed for refund within a period of one year from the date of issue of Purchase Order and Security Deposit not claimed for refund within a period of three years after completion of contract, will be forfeited.**
- 13. Guarantee:** The materials covered under this contract should be guaranteed for trouble free and satisfactory performance against any defect in design, materials and workmanship for a Period of at least **12 (Twelve) months** from the date of delivery. Any defect noticed during this period should be rectified / replaced by the firm with free of cost provided such defects are due to faulty design, bad workmanship or bad materials used. The replaced materials should also have similar guarantee. In the event of any breach on default in all or any condition of purchase order Security Deposit will be forfeited.
- 14. Insurance:** Insurance of materials is to be done by the supplier at their own cost. The responsibility of delivery of the materials at destination in good condition rests with the supplier. Any claim with the insurance company Railway authority/ Road transport authorities arises due to loss or damage in transits has to be settled by the supplier. The supplier shall undertake free replacement of materials damage or lost which will be reported by the consignee within 30 Days of the receipt of the materials at destination without waiting for the settlement of the claims with the carriers.
- 15. Despatch Instruction:** The materials should be securely packed and dispatched by Rail/ road transport to **400/220 KV Grid Sub-Station, PGCIL, Kaliagaon, Jeypore** after dispatch instruction is issued by this office subjected to inspection clearance of the material at purchaser's site. The cost of transportation will be borne by the supplier.
- 16. Inspection:** the material shall be inspected by the undersigned / his authorized representative at the site of the purchaser.

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- 17. Consignee:** The **SDO, EHT (Const.), Sub-Division, Jeypore** is the consignee & verifying officer for the contract.
- 18. Paying Officer:** The **DGM, EHT (Const.), Division, Jeypore** is the paying officer for this contract.
- 19. Submission of GST Registration Certificate & PAN:** Clear self-attested Xerox copies of PAN issued by the competent authority, GST Registration, certification & ISO 9001-2015 certificate valid on the date of opening of tender should be submitted along with the tender, failing which the tender will be rejected. The supplier may be requested to produce original PAN card & GST Registration certificate at the time of opening of the tender. Those who fail to produce the same & found not to be valid on the date of opening the tender, their tender should be rejected.
- 20. Past Experience of supply. Performance certificate:** Past experience of execution of purchase order of similar type of supply need to be furnished by the bidders.
- 21. Deviation in specification:** If any change in the technical parameters equivalent to the above specification may be clearly mentioned separately.

21 Jurisdiction of Court:

Dispute if any, arising against the supply order issued to the supplier shall be filed by either party in any court of law to which the jurisdiction of Odisha High Court extends.

The Authority reserves the right to reject the notice/ award the contract among any responsive bidders against this tender or without assigning any reason thereof. All other terms and conditions will be governed by OPTCL as per Rules.

M.P. Panda

SECTION-III

A) TECHNICAL SPECIFICATIONS FOR AC DISTRIBUTION BOARD

1.0 SCOPE

The scope of this specification covers for supply of 1(One) No. 440V Indoor floor mounted, compartmentalized, non-draw out, double front type AC Distribution Board complete in all respect and 1 (One) No. Indoor floor mounted type DC Distribution Board complete in all respect for AC /DC power distribution to various ends of the sub-station. Protection class should be of IP-52.

2.0 STANDARDS

The LT Indoor floor mounted AC distribution board/DC distribution board will be made with all fittings as described below.

SPECIFICATION DETAILS FOR ACDB (INDOOR TYPE)

Sl. No.	SPECIFICATIONS	REQUIRED VALUE
1	Material	Cold Rolled Steel Sheet with Gland Plate
2	Thickness of Material	2±0.5 mm thick
3	Colour	Dust. Damp & vermin proof duly powder coated by Siemens Grey Color
4	Bus Bar	Aluminum with appropriate size
5	Stud type TB	As required (Make-Elemex/FTC/Jainson/Conect well)
Door switch with light arrangement as per requirement		
Colour code wiring with flexible copper wire (Make - Finolex/mescab/Havells)		
a. Drawing of ACDB should be prepared by the supplier and the same will be approved by OPTCL prior to manufacturing. All the components such as switches, connectors, MCCB, metering instruction etc shall be of reputed brand i.e. L&T/ Siemens/ ABB/ Schneider/ GE/ Finolex/ Polycab /Havells/Anchor.		

N.B.-

1. Height of the Panels may be minimized keeping in view to accommodate all cubicles and for ease of movement in control room as door height is 2000 mm.

AKB

Panel Name	ACDB Panel		
Sl. No.	DESCRIPTION	QTY	TOTAL QTY
1	MODULE TYPE: E (INCOMER)		
1.1	MCCB-4P-200A-415VAC-20KA,adj O/L & S/C & with Extended ROM & Spreader Links	1	1
1.2	Clustered LED-assly-240V AC-2 2.5mm-red	1	1
1.3	Clustered LED-assly-240-240V AC-22.5MM-Blue	1	1
1.4	Cluster LED-assly-240V AC-22.5mm-Blue	1	1
1.5	HRC fuse-slow-2A-415V AC-Clip On	3	3
1.6	Fuse base-32A-550VAC	3	3
1.7	CT200/1A-CII. 0-10VA-resin	3	3
1.8	Terminal block-power-45A-single	4	4
1.9	AC Ammeter-200/1A,CII.0,90D,96mm	1	1
1.1	Rotary swith-I0A-AC amps select	1	1
1.11	AC voltameter-0-500V-I.0%-96-A90D	1	1
1.12	Rotary Switc-10A-AC volts select-L-L & L-N	1	1
1.13	Disconnecting type neural link-I5A	1	1
2	MODULE TYPE : E- Outgoing feeders		
2.1	63AFP MCB	6	6
2.2	MCB-63A-4P-AC-10KA	1	6
2.3	Terminal block-power-76A-single	4	24
3	Space+Thermostat+CFL Lamp		
3.1	SPACE HEATER - 100W-230VAC	1	1
3.2	Rotary switch-6A-1P-ON/OFF-ACDC	1	1
3.3	Thermostat -(30-85)C-1 5A-250VAC+I NC	1	1
3.4	HRC fuse-slow-I 0A-415/SS0 V AC-clip on	1	1
3.5	Fuse base-32A-550VAC	1	1
3.6	Disconnecting type neutral link-ISA	1	1

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Panel Name	DCDB Panel		
Sl. No.	DESCRIPTION	QTY	TOTAL QTY
1	MODULE-X-Outgoing Feeders		
1.1	16A OP MCB-DC	3	3
1.2	MCB-16A-2P-DC-4KA	1	3
1.3	Terminal block-power-45A-single	2	6
2	32A DP MCB-DC		
2.1	MCB-32A-2P-DC-4KA	1	3
2.2	Terminal block-power-76A-single	2	6
3	Space+Thermostat+CFL Lamp		
3.1	SPACE HEATER-100W-230VAC	1	1
3.2	Rotary switch-6A-1P-ON/OFF-ACDC	1	1
3.3	Thermostat-(30-85)C-15A-250VAC+IN C	1	1
3.4	HRC fuse-slow-10A-415/SS0V AC-clip on	1	1
3.5	Fuse base-32A-SS0VAC	1	1
3.6	Disconnecting type neutral link-I15A	1	1

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ANNEXURE-I
DETAILED SPECIFICATION SHEET TO BE FURNISHED BY THE TENDERERS FOR
ACDB (INDOOR TYPE) & DCDB (INDOOR TYPE)

- a. MCCB and MCB should be of reputed make such as L&T/ Siemens / ABB/ Schneider/ GE.
- b. All wiring should be of color coding flexing wire of reputed make such as Finolex/ Polycab/ Havells/ Anchor and termination shall be using appropriate lugs.
- c. The Bottom plates of the boxes for cable glands should be detachable and with nut and bolt arrangement at corner sides.
- d. All boxes should be of double door system with double hinged at both side and lock & key arrangement at middle (at front side of the box).
- e. Bus bars are to be mounted on suitable insulator. All connections taken from the bus bar shall be tightened with nuts and bolts.
- f. All the boxes should be completed with all fittings and internal wiring etc.
- g. All boxes should be of Dust & vermin proof duly powder coated by Ceramic White Color.

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SIGNATURE OF TENDERER WITH SEAL
ANNEXURE-II
PRICE BID FOR TENDER CALL NOTICE NO.- 01/2021-22

Sl. No.	Name of Material	Unit	Qty.	Unit Rate in Rs. Including Tax	Total Price in Rs. Including Tax
1	Indoor ACDB with all fittings, including internal wiring and cost of bus bar etc complete in all respect	No.	01		
2	Indoor DCDB with all fittings, including internal wiring and cost of bus bar etc complete in all respect.	No.	01		
3	Delivery at site of ACDB & DCDB	No.	01		
TOTAL					
ALL TOTAL					
Or SAY					

(Rupees.....)

Detailed Address of Correspondence

SIGNATURE OF TENDERER WITH SEAL

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Annexure-III

DETAILED DATA SHEET TO BE FURNISHED BY THE TENDERERS

1. Name of the Supplier with detailed postal address and phone No. :
2. Earnest money deposited vide Bank Draft No. _____ Date _____ / By Cash amount in Rs. _____ (Rupees _____) Only vide money receipt No. _____ Dated _____.
3. Self-Attested copy of PAN / GST Registration Certificate / Certification from CPRI and ISO 9001-2015 : Furnished/Not furnished
4. Attested copy of the valid License : Furnished / Not furnished
5. Agreed to furnish Contract security deposit : Yes / No
6. Agreed to accept payment terms as per the contract : Yes / No
7. Agreed to adhere completion of work as per the tender : Yes / No
8. Agreed to accept penalty clause as per the tender : Yes / No
9. Attach past experience certificate for the similar jobs in OSEB / GRIDCO or any other agencies : Yes / No
10. Agreed to keep validity of the offer one year from the date of tender opening without any validation in tender Clause. : Yes / No
11. Date of submission of tender. : Dt. _____

Dated:
Place:

Signature of the Tenderers
with seal.

