

**CHHATTISGARH STATE POWER**  
**TRANSMISSION CO. LTD.**

**OFFICE OF THE CHIEF ENGINEER (S&P)  
C.S.P.TRANS.C.L., DANGANIA, RAIPUR: 492013 (C.G.)**

**Phone No. 0771-2574239, 2574240**

**LIMITED TENDER No. 62/1081**

**(e-Bidding)**

**SUPPLY OF ACDB, DCDB & CHANGEVER SWITCH**

**RFx No. 8100019009**

**LAST DATE & TIME OF SUBMISSION OF TENDER  
02.11.2020 (TIME 15:00 HRS.)**

**DUE DATE OF OPENING OF TENDER  
02.11.2020 (TIME 15:30 HRS.)**

**PRICE Rs. 560/- (Inclusive of 12%  
GST) if Purchase from O/o C.E. (S&P)  
& Rs. 590/- (Inclusive of 18%  
GST) if downloaded**

For website

For Web site

# CHHATTISGARH STATE POWER TRANSMISSION COMPANY LIMITED

(A Government of Chhattisgarh Undertaking)

## OFFICE OF CHIEF ENGINEER (S&P)

Address : 3<sup>rd</sup> Floor, LD Building, Dangania-Raipur (CG)-492013

Website: [www.cspc.co.in](http://www.cspc.co.in)

Tele.No.0771-2574239

No. 02-16/SE(S&P-II)/Ltd. TR No.62/1081

Raipur, dtd. 08.10.2020

### **e-PROCUREMENT TENDER NOTICE**

Sealed tenders/quotations are invited from **Registered suppliers** of CSPTCL/CSPDCL for supplying of following materials as per specification give below:

Sl. No.		Name of item	Qty. (In No.)	Earnest Money	Last date/time for submission of tender
1	02-16/SE-II)/TR NO. 62 RFx NO. 8100019009	AC Dist. Box 3 Ph. 415 V	03	8000/-	02.11.2020 up to 15.00 Hrs.
3		DC Dist. Box 110 V	03		
4		3 Ph wire 415 AC Changeover switch	03		

In case any of the above dates is declared as holiday then the particular date will automatically get shifted to next working day.

- i) The quantities mentioned above are tentative & may vary according to final requirement.
- ii) Any notice for extension of due date of tender opening shall not be published in newspapers. It will be displayed only on official website of the company.
- iii) The tender will be processed through e-bidding module of SAP-SRM. Bidders are advised to visit our website [www.cspc.co.in/cspctl](http://www.cspc.co.in/cspctl) for viewing detailed instructions regarding submission of offer through SAP-SRM.

#### **TERMS AND CONDITIONS:-**

- i) The tender documents can be obtained from the office of the C.E.. (S&P), CSPTCL, Raipur in person on payment of cost of tender document in the form of MICR D.D. only made out in the name of Manager, RAO (HQ), CSPTCL, Raipur accompanied with firm's application on its letter head on any working day one day before the due date. If tender document is required by post, Rs.250/- is to be paid by D.D. along with the cost of documents. If more than one tender document is required, separate DDs should be furnished for each tender. CSPTCL shall not be responsible for any postal delay regarding receipt/non-receipt of tender documents.
- ii) The tender document will be made available on CSPTCL web site [www.cspc.co.in](http://www.cspc.co.in). The bidder participating in the tender can download the document from web site. In such case, the cost of tender document in the form as detailed above be submitted along with the tender in EMD envelop. In absence of same, the tender shall not be opened.  
The bidders who download the documents are requested to remain in contact with this office for any development in the tender.
- iii) Tender documents and the detailed specification could be issued on any working day up to the last date of sale of tender document. The duly filled tenders should be dropped in the tender box of the respective tender up to 15:00 hrs. on the due date. In case of tenders sent through post/ courier, it will be responsibility of the bidder to drop/get dropped the tender in the respective tender box. No receipt of the tender shall be issued in any case. The T.C. bid shall be opened at 15.30 Hrs. on above date.
- iv) After publication of NIT & before the date of opening of TC bid, corrigendum/ other information (if any) shall be displayed on our official web only. The bidders are requested to remain in contact with this office or visit our web-site for any development/ clarification/ amendment issued subsequently.
- v) CSPTCL reserves the right to accept or reject any or all the offers, in part or full without assigning any reason whatsoever.

Website [www.cspc.co.in](http://www.cspc.co.in)

**Chief Engineer (S&P)**  
**CSPTCL,Raipur**

## **Special Instructions to bidders for submission of bid through SAP- SRM module (e-bidding)**

The tender Enquiry No. **02-16/SE(II)/Ltd. TR No.62/1081 Raipur, dtd. 08.10.2020** is to be processed through e-bidding. The bid is to be submitted online as well as offline (hard copy). Details of NIT & Tender Documents are available on our website—<http://www.cspc.co.in> & <http://ebidding.cspcl.co.in:50700/irj/portal>. The bidder may download the same from the above site. In e-bidding portal, tender documents will be displayed in online tender display at Technical RFX section.

Last date & time of submission of bid in hard copy and 02.11.2020 at 3.30 pm.

### **Important Instructions :-**

1. Please note that this tender shall be processed online as well as offline. The bidder has to submit all the documents in hard copy as per tender specifications in four envelopes. Besides above, scanned copy of following documents are to be uploaded in e-bidding portal:-

- (a) The scanned copy of DD for tender fee.
- (b) The scanned copy of DD for EMD/ EMD exemption.

It may please be noted that only above mentioned documents are to be uploaded in e-bidding portal and no other document is required to be submitted in e-bidding portal. The bidder shall give reply to following questions regarding above documents in e-bidding portal:-

(i) Whether scanned copy of tender fee DD uploaded. Yes/No

(ii) Whether scanned copy of DD of EMD /EMD Exemption uploaded. Yes/No

2. The duly filled and signed-price and quantity “OFFER FORM” is to be submitted with hard copy as well as in e-bidding system. It is not required to be uploaded with e-bid (i.e. scanned copy of price bid is not to be attached in soft copy). **Only the rates are to be filled in item tab in e-bid in SAP SRM System (online tender)**. In case of any discrepancy, the rate quoted online will prevail. However in case of failure of online system the rates quoted in hard copy will prevail. It is mandatory to indicate the Price in prescribed Schedule for price bid in hard copy as well as in soft copy in e-bidding portal. Rates should be quoted online & in specified fields only. Once the rates are filled & locked, no change on any ground whatsoever will be accepted.
3. After scrutiny of techno-commercial bid, the price bid will be opened in e-bidding system only of eligible bidders for which suitable intimation will be given to the bidders offline & through email. C.E.(S&P), CSPTCL Tender No. 02-16/SE(II)/Ltd. TR No.62/1081 Raipur, dtd. 08.10.202 for Procurement of ACDB, DCDB and Changeover switches various Sub-stations.
4. Please note that e-mail is always system generated, hence bidders are advised to regularly check their inbox/junk mail box.
5. CSPTCL shall not assume any responsibility for non-supporting of system, internet, line & associated hardware & software for bidding their tender. No extension in time shall be granted on such grounds. The bidder should submit their bid well before submission dead line to avoid any system related problem. It is strongly recommended not to wait for submission of bid in last minutes as internet/technical problem may disrupt their works.
6. Reference time for submission dead line shall be the time displayed in the portal and shall be treated as final.

7. After end of submission dead line, no alteration in the tender will be allowed by the system. However, in case of extension of due date of opening of tender, the bidders will be allowed to submit revised bid in the system.
8. CSPTCL will not accept incomplete bid.
9. The bidder must have a valid Digital Signature & SAP SRM User ID. User ID & Password from CSPTCL and Digital Signing Certificate and Digital Encryption Certificate from any recognized digital signature issuing authority are required for participation in any Tender. The bidder shall intimate in advance regarding details of digital signature issuing authority for ensuring the reliability of the same. For User ID and Password for participating in the tender, the bidder shall register on line through e-bidding portal.
10. The e-bidding vendor user manual displayed on website-<http://ebidding.cspcl.co.in:50700/irj/portal> for the help of the bidders. For any further queries the bidder may contact at Helpline no. 0771-2576672/73 (EITC, CSPDCL, Raipur)
11. The training for bidders will be on every Wednesday from 3.00 pm to 5.00 pm at office premises of Energy Info Tech Center (EITC) at Dangania, Raipur.
12. Tender shall be opened in the scheduled time as notified. If the due date of opening/submission of tender documents is declared a holiday by the Govt. or local administration, it will be automatically shifted to next working day for which no prior intimation shall be given. Tender opening shall be continued on subsequent days, in case the opening of all tenders is not completed on due date because of the technical constraints of system on the day of opening. It may be noted that the due date of opening/time may be altered/ extended if desired by CSPTCL without assigning any reason. However, intimation shall be available on company's tender portal/bidders email (if participation shown). The bidders are requested to keep track of the same.
13. Amendment in tender specification will be published on our website as well as in SRM system and the intimation regarding amendment in date extension will be conveyed through system generated e-mail to registered bidders only.
14. Before participating the bidder shall carefully read all the instructions and processes.
15. Tender duly completed in all respects will be accepted online up to due date & time and will be opened on the due date at specified time in the presence of bidders or their ED (S&P), CSPTCL Tender enquiry No.62/1081 for supply of ACDB, DCDB and Changeover switches for various Sub-stations. Tender should reach the office of The Chief Engineer (S&P),CSPTCL authorized representatives. In case of authorized representative(s) they shall bring the original authorization letter with their signature attested by the bidder.
16. The bidder should be Registered suppliers with proper validity having experience for supply of such materials. (Submit the Registration certificate dully self attested)

**Chief Engineer (S&P)**  
**CSPTrans.CL : Raipur**

**CHHATTISGARH STATE POWER TRANSMISSION COMPANY LIMITED**  
(A Government of Chhattisgarh Undertaking)

**OFFICE OF THE CHIEF ENGINEER (S&P)**

Address : 3<sup>rd</sup> Floor, LD Building, Dangania-Raipur (CG)-492013

Website:[www.cspc.co.in](http://www.cspc.co.in)

Fax :0771-2574246,

Tele.No.0771-2574240

No. 02-16/SE(II)/Ltd. TR No.62/1081

Raipur, dtd. 08.10.2020

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Purchase of ACDB, DCDB and Changeover switches various EHV S/s under jurisdiction of E.E. (MRT) Dn. CSPTCL, Korba as mentioned in limited tender notice and offer for due for submission on dt. 02.11.2020 up to 15.00 Hrs. & to be opened on same date i.e. 02.11.2020 (15.30 Hrs.)

**EARNEST MONEY DEPOSIT: Rs. 8000.00 (Rs. Eight Thousand only)**

Tender cost Rs. 560.00 (Rs. Five hundred sixty) if purchased from this office and Rs. 590/- (Rs. Five hundred ninety) if downloaded only {**Non refundable**}

**ISSUED :**

M/s. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Sold vide M.R. No. \_\_\_\_\_ Dated \_\_\_\_\_ for Rs. 560.00 (Rs. Five Hundred sixty ) only .

**Note :-**

- (1) This complete form must be returned at the time of submitting the sealed tender Envelope duly super scribed "Tender Name, Tender No., Due date of opening, Firm's name & address in the O/o C.E.(S&P), CSPTCL, Dangania, Raipur within scheduled time/date otherwise tender shall be liable for rejection.
- (2) The tender should be submitted in the office having minimum TWO envelops Namely as under:-
  - Sealed Envelop-1:** For Earnest Money only duly super scribed "Tender Name, tender No., due date of opening & Firm's name seal & address (Part-I).
  - Sealed Envelop-2:** Prescribed document along with TERMS & CONDITIONS duly super scribed "Tender Name, No., due date of opening etc.
  - Sealed Envelop-3** Price bid only.

**SE(II)**

**O/o Chief Engineer (S&P)**

**CSPTrans.CL : Raipur**

**IN SEPARATE ENVELOP**  
**PRICE BID**

Tender specification No. **02-16/SE(II)/Ltd. TR No.62/1081 Raipur, dtd. 08.10.2020** up to 15.00 Hrs. & to be opened on dtd. 02.11.2020 (15.30 Hrs.) EMD REQUIRED Rs. 8000.00 (Rs. Eight thousand only).

The undersigned hereby tender and officer to CSPTCL to supply the material for the quantity at the rates as indicated here under:-

S.No	Specification of Material (As per tender)	Qty. in Nos.	Unit Ex-works price inclusive of packing, forwarding, charges (Rs. Per Nos.)	Freight Charge s (Rs. Per Nos.)	GST on Ex-works Price+ Freight charges ---% in Rs.	Total Unit FOR D price including packing, forwarding, freight charges & GST (In Rs.)	Total Amt. in Rs.
1.	AC Dist. Box 3 Ph. 415 V	03					
2	DC Dist. Box 110 V	03					
3	3 Ph wire 415 AC Changeover switch	03					

The undersigned undertake to observe and abide by the terms & condition at the tender specification enclosed herewith.8000.00 ( Rs. Eight Thousand) only has been deposited to the **Manager (RAO:HQ), CSPTCL:Raipur (C.G.)** vide M.R. No. \_\_\_\_\_ dtd. \_\_\_\_\_/ D.D. No. \_\_\_\_\_ dtd. \_\_\_\_\_ Drawn \_\_\_\_\_ ( Name of Bank ) .

Place:  
Date:

Signature of bidders  
Name  
Address  
Seal

**Limited Tender No. 02-16/SE(II)/TR No. 62/1081 Raipur, dtd. 08.10.2020**

**Other Terms and Conditions (if any)**

- 1) FOR: .....
- 2) Taxes: .....
- 3) Validity:.....
- 4) Delivery:.....
- 5) Payment:.....
- 6) Security Deposit:.....
- 7) Others:.....

Place:  
Date:

Signature of bidders  
Name  
Address  
Seal

**Limited Tender No. 02-16/SE(II)/TR No. 62/1081 Raipur, dtd. 08.10.2020**

**Details of Bidders**

- 1) Name of firm/partners & Address :-----  
:-----  
:-----
- 2) Phone /Mobile No :-----
- 3) GST Registration No. :-----
- 4) PF No. if any :-----
- 5) ESI Registration No. (If applicable) :-----
- 6) PAN (Mandatory) :-----
- 7) SAP Vendor No. :-----
- 8) Vender Registration No. :-----

Place:  
Date:

Signature of bidders  
Name  
Address  
Seal



# CHHATTISGARH STATE POWER TRANSMISSION COMPANY LIMITED

(A Government of Chhattisgarh Undertaking)

## OFFICE OF THE CHIEF ENGINEER (S&P)

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Website: [www.cspc.co.in](http://www.cspc.co.in)

Fax :0771-2574246, Tele.No.0771-2574236

No.02-16/SE(II)/TR No. 62/1081

Raipur, dtd. 08.10.2020

Due On 02.11.2020

### SECTION-I

#### GENERAL TERMS & CONDITIONS OF TENDER SPECIFICATION.

- 1) Sealed tenders quotation are invited by The Chief Engineer (S&P) CSPTCL: Raipur, for supply of ACDB, DCDB and Changeover switches various EHV S/s under jurisdiction of E.E. (MRT) Dn. CSPTCL, Korba.
- 2) Tender should reach the office of The Chief Engineer (S&P), CSPTCL, Dangania Raipur, by **15.00 Hrs. on 02.11.2020**. Tenders received after the stipulated time / date will not be considered. Covers should invariably be superscribed for supply of ACDB, DCDB and Changeover switches various EHV S/s under jurisdiction of E.E. (MRT) Dn. CSPTCL, Korba and should be accompanied with Bankers Cheque or DD payable in favor of The Manager (RAO:HQ) CSPTCL, Raipur (C.G.). The tender will be opened on the same day at 15.30 Hrs.
- 3) When tenders are delivered by special messenger it should be dropped in the “Tender Box“ kept in the office of The Chief Engineer (S&P) CSPTCL, Daganiya Raipur on any working day between 10.30 Hrs. to 15.00 Hrs.
- 4) Full descriptive particulars and complete specifications should accompany the tender. Offers should be kept open for acceptance for at least three months from the date of opening. However in due circumstances beyond control bidders are advised to extend validity. However, they shall not be permitted to revise their rates.
- 5) The CSPTCL reserves the rights to reject any or all tenders or to accept any tender considered advantageous to the CSPTCL whether it is the lowest tender or not, and In case of correction done in the tender, the same should be initialed otherwise tenders may not be considered.
- 6) All the Bidders shall essentially indicate the break-up of prices as shown in tender form. In case any of the charges are not included in the quoted prices, the same shall be clearly shown as extra, indicating specifically the rate/scale of such charges.
- 7) The terms and conditions mentioned in tender specification shall be binding on all Bidders and no condition or stipulation contrary to our condition shall be applicable.
- 8) **EARNEST MONEY:** Each bidders should submit an earnest money of Rs. 8000/- (Rs. Eight thousand) only.

#### 9) Earnest Money Deposit:

Please note that the tender will not be opened at the time of tender opening if earnest money is not deposited in the form of demand draft/Banker Cheque unless the bidder is exempted from submission of EMD. The exemption from submission of EMD shall be given in the following cases:

- (i) SSI units of Chhattisgarh state permanently registered with DIC. The registration should be permanent & should be specifically for the items quoted in the tender & valid on the date of opening of tender.
- (ii) Small scale units registered with NSIC: - In case of small scale units permanently registered with NSIC, their registration certificates should be valid for the item under tender on due date of opening of Techno-commercial bid.
- (iii) Fully owned State Govt /Central Govt. units, if 100% shares are held by the state Govt. concerned for which documentary evidence must be furnished with offer.
- (iv) The photocopy of the NSIC/ SSI registration certificate for the tendered item duly notarized by a notary should be furnished with the offer. In case of un notarized copy, the original certificate should be produced at the time of opening for verification failing which their offer will be liable for rejection.
- (v) The tenderers who come under any of above category must produce documentary evidence failing which offer shall be rejected.

In case the tenderer withdraws his offer during the validity period or after placement of order the Earnest Money shall be forfeited. EMD of unsuccessful bidders shall be returned on placement of order. EMD of bidder on whom order is placed shall be returned on acceptance of security deposit. No interest shall be paid on the EMD amount.

**10) SUBMISSION OF EARNEST MONEY DEPOSIT:** -A separate envelope containing the earnest money or a certificate in support of claim for exemption from this should be attached with your offer duly super scribed Earnest Money Deposit in appropriate form against tender specification No. 02-16/SE(II)/TR No. 62/1081 Raipur, dtd. 08.10.2020 for supply of ACDB, DCDB and Changeover switches various EHV S/s under jurisdiction of E.E. (MRT) Dn. CSPTCL, Korba.

**12) FORFEITURE OF EARNEST MONEY DEPOSIT: -**

It should be clearly understood that in the event of Bidders failing to accept and execute the telegraphic and detailed orders, if it is placed within the validity period of the offer, the full amount of earnest money will be forfeited and CSPTCL decision in this respect will be final and binding on the Bidders.

**13) EXTENSION ORDER: -**

In the event of an order being placed on Bidders, he is requested give his concurrence that he is also willing to accept additional order on the same terms and conditions, if the extension order is placed by the CSPTCL within six months from the date of acceptance / placement of order.

**14) PRICE :-**The prices should be quoted F.O.R. Destination including packing, forwarding, freight , insurance , GST and any other charges.

**15) PERFORMANCE GUARANTEE / DEFECTIVE SUPPLIES :-**

If during the course of 12 months from the date of dispatch, any of the goods is found to be defective in materials or workmanship or develop defect in service, the same will be rectified by you free of all charges.

**16) SECURITY DEPOSIT :-**

The successful Bidders shall deposit security at the rate of 10 % of the value of the order in the form of Bankers Cheque or Bank Draft in favour of “**Manager (RAO:HQ) CSPTCL, Raipur (C.G.)**.”

**17) PAYMENT :-**

100 % payment against receipt of the material in the STORES in good condition within a month shall be made by Manager (RAO:HQ) CSPTCL, Raipur (C.G.). No interest shall be payable in case of delay in payment.

**18) PENALTY :-**

If the Bidders fails to supply the material within the specified time , the penalty shall be levied @ 0.5 % per week or part thereof up to maximum of 10 % on the value of unsupplied material .

**19) MATERIALS:-** All materials supplied shall be Best quality.

**20) DELIVERY :-**

The delivery shall be completed within specified days mentioned in the order from the date of receipt the tendered order.

**21) CONSIGNEE:-**The Executive Engineer (Area Stores) CSPTCL, Bilaspur

**22) SUBMISSION OF BILLS:-**

All the bills shall be submitted in triplicate to the E.E.(Area Stores), CSPTCL, Bilaspur

**23) ANY DESPUTE ARISING:-** Out of the contract shall be subject to the jurisdiction of court at Raipur.

**24)** The Chief Engineer (S&P), CSPTCL, Raipur (C.G.) reserve the right to amend or reject or the tender partially or fully or to change the Quantity of materials without assigning any reason, at any stage whatsoever

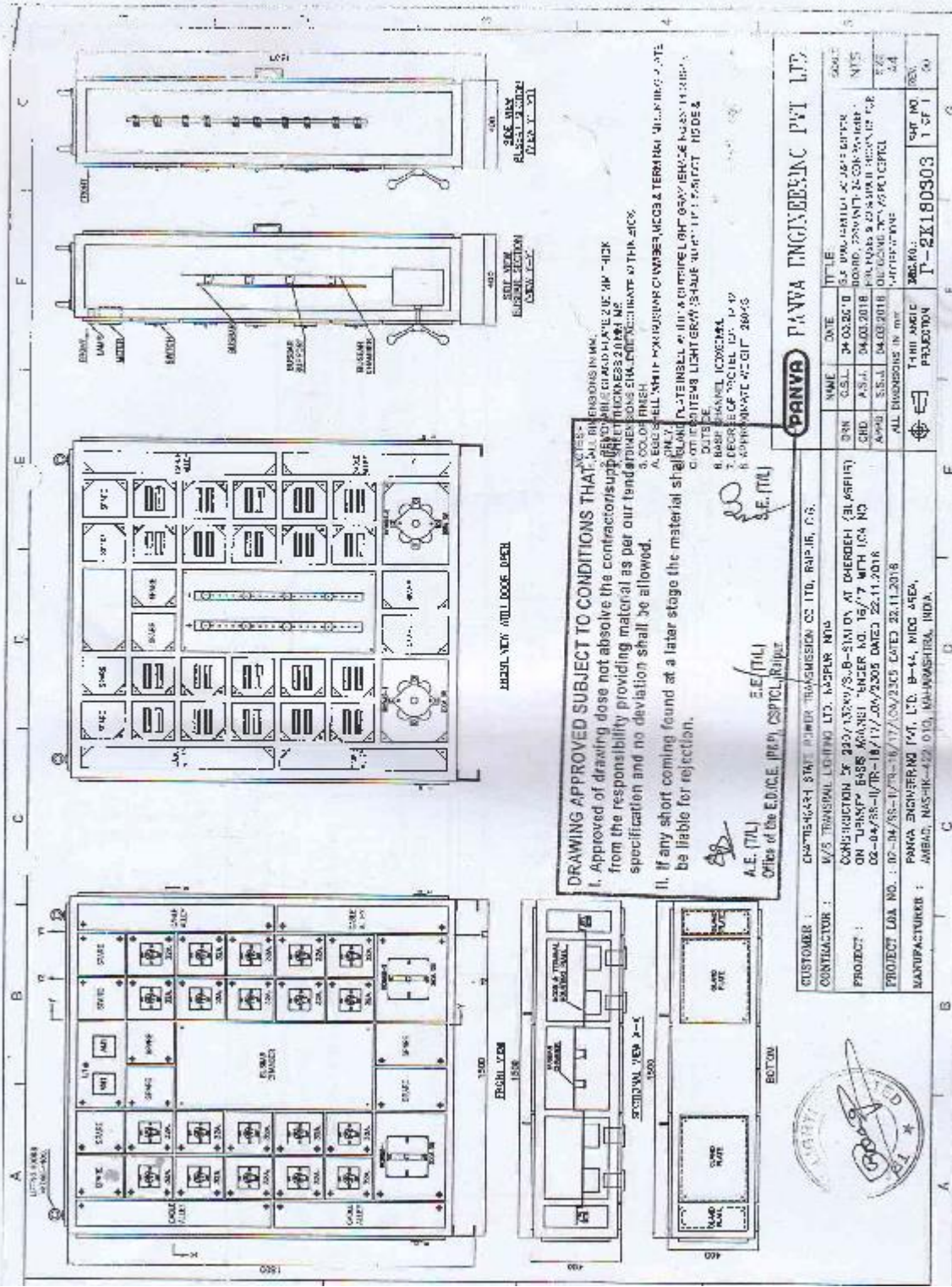
**S.E. (II)**  
**O/O C.E.(S&P) CSPTCL: RAIPUR**

## **SECTION - II**

**TENDER SPECIFICATION NO. No.02-16/SE(II)/TR No. 62/1081 Raipur,  
dtd. 08.10.2020, *TECHNICAL SPECIFICATION FOR SUPPLY OF ACDB,  
DCDB AND CHANGEOVER SWITCHES:-***

**As per enclosed Drawing.**

**S.E. (II)  
O/O C.E.(S&P) CSPTCL: RAIPUR**



**DRAWING APPROVED SUBJECT TO CONDITIONS THAT ALL DIMENSIONS IN MM.**

I. Approved of drawing, do not absolve the contractor's responsibility from the responsibility providing material as per our tender specifications and no deviation shall be allowed.

II. If any short coming found at a later stage the material shall be liable for rejection.

REVISIONS IN MM.  
 1. APPROVED BY THE CONTRACTOR  
 2. APPROVED BY THE ARCHITECT  
 3. APPROVED BY THE CLIENT

A. E. (T/L) *[Signature]*  
 Office of the E.D. (C.E. / M.P. / C.S.P.T.C. / R.A.P.R. / C.S.)

<b>PANVA</b>		<b>PANVA ENGINEERING PVT LTD.</b>	
NAME	DATE	TITLE	SCALE
C.S.L.	24.03.2018	3-D DIMENSIONAL DRAWING OF CONTROL ROOM	N.T.S.
C.R.D.	24.03.2018	3-D DIMENSIONAL DRAWING OF CONTROL ROOM	N.T.S.
A.P.A.L.	24.03.2018	3-D DIMENSIONAL DRAWING OF CONTROL ROOM	N.T.S.
ALL DIMENSIONS IN MM.			
T.H.H. (M.P.)		PROJECTION	1st FLOOR
P-2K180903			

**CUSTOMER :** CH-75-KAR-1 STATE POWER TRANSMISSION CO. LTD., RAIPUR, C.S.

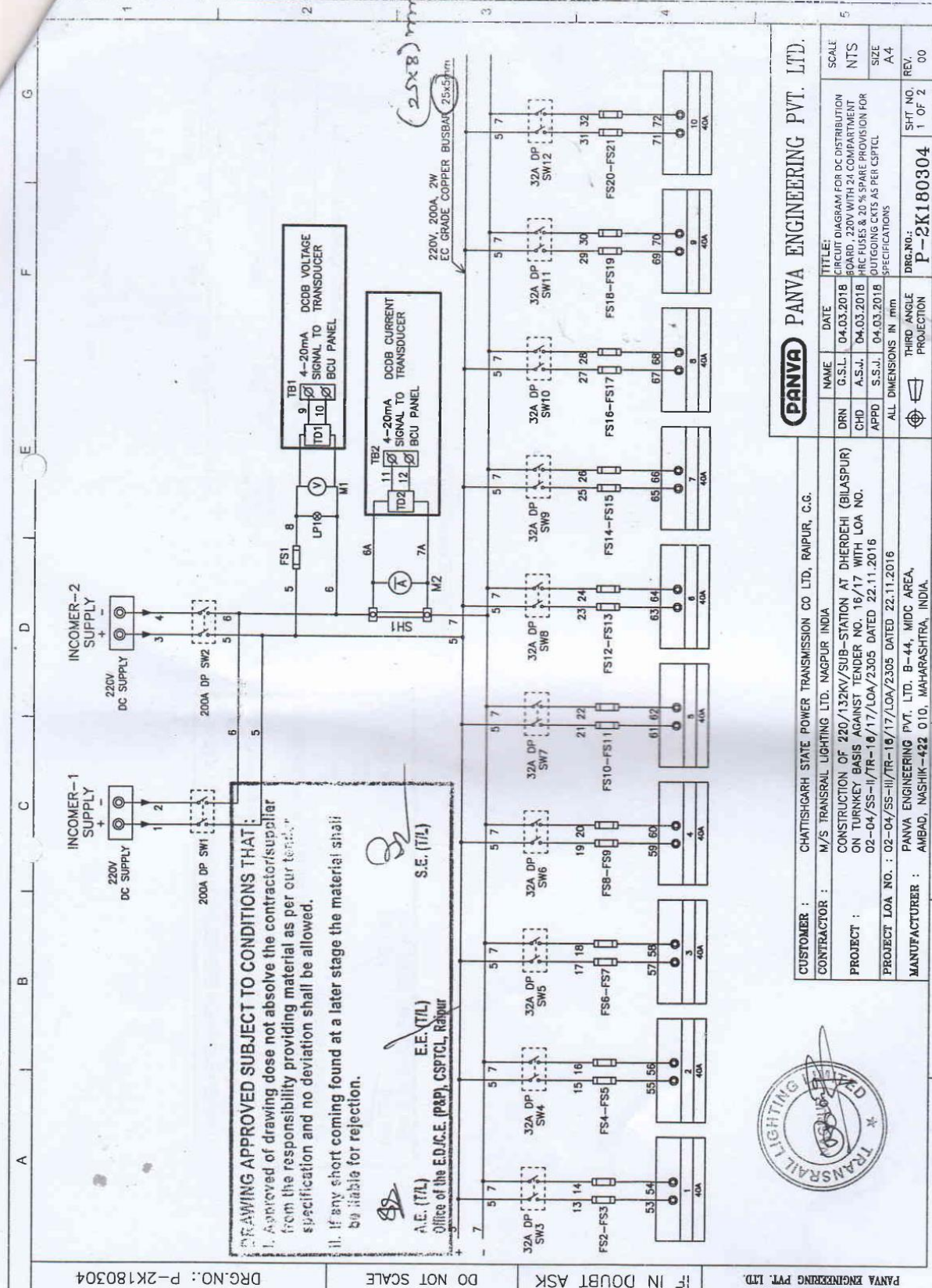
**CONTRACTOR :** W/S TRANSMISSION LTD., RAIPUR, M.P.

**PROJECT :** CONSTRUCTION OF 220KV/33KV/8-SUB-STATION AT DHEREDI (BLAFFRY) ON U.S.N.P. 6488 KANAKI SENNER AD. 16/7 WITH ICA NO. 06-04/55-1/7R-18/17/200/2005 DATED 22.11.2018

**PROJECT ICA NO. :** 06-04/55-1/7R-18/17/200/2005 DATED 22.11.2018

**MANUFACTURER :** PANVA ENGINEERING PVT. LTD. B-14, MIDC AREA, AMBAD, NASHIK-422 010, MAHARASHTRA, INDIA.





**DRAWING APPROVED SUBJECT TO CONDITIONS THAT:**

- i. Approved of drawing does not absolve the contractor/supplier from the responsibility providing material as per our technical specification and no deviation shall be allowed.
- ii. If any short coming found at a later stage the material shall be liable for rejection.

S.E. (T/L)

A.E. (T/L)

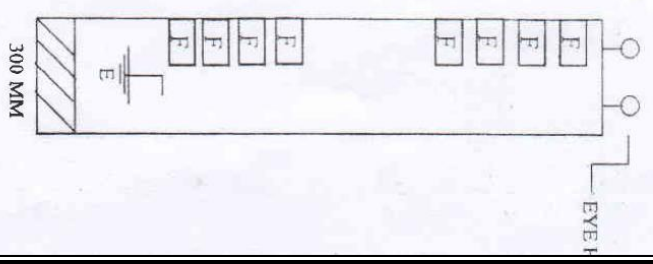
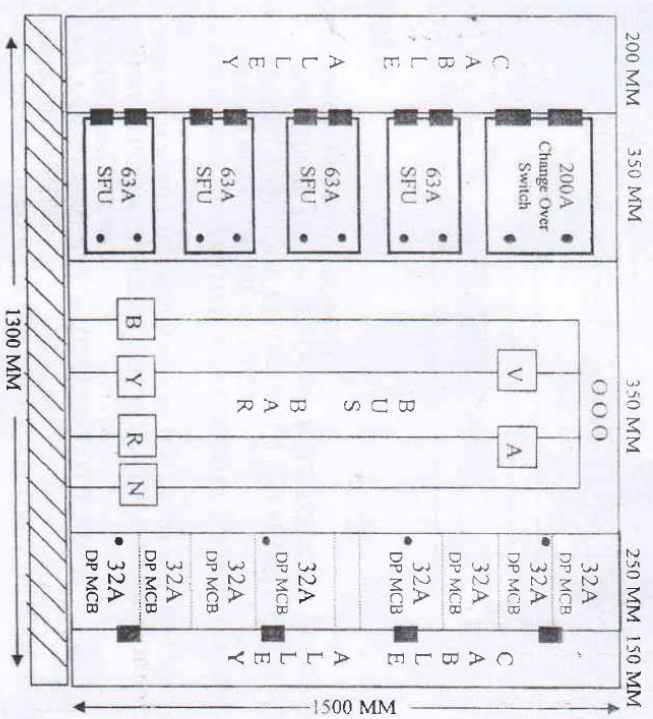
Office of the E.D.J.C.E. (P&P), CSPTCL, Raipur



<b>PANVA</b> PANVA ENGINEERING PVT. LTD.	
DRN	G.S.L. 04.03.2018
CHD	A.S.J. 04.03.2018
APPD	S.S.J. 04.03.2018
ALL DIMENSIONS IN mm	
THIRD ANGLE PROJECTION	
DRG. NO.	P-2K180304
SHT. NO.	1 OF 2
REV.	00

CUSTOMER :	CHATTISHGARH STATE POWER TRANSMISSION CO LTD, RAIPUR, C.G.
CONTRACTOR :	M/S TRANSRAIL LIGHTING LTD. NAGPUR INDIA
PROJECT :	CONSTRUCTION OF 220/132KV/SUB-STATION AT DHEREHI (BILASPUR) ON TURNKEY BASIS AGAINST TENDER NO. 16/17 WITH LOA NO. 02-04/SS-II/TR-16/17/LOA/2305 DATED 22.11.2016
PROJECT LOA NO. :	02-04/SS-II/TR-16/17/LOA/2305 DATED 22.11.2016
MANUFACTURER :	PANVA ENGINEERING PVT. LTD. B-44, MIDC AREA, AMBAD, NASHIK-422 010, MAHARASHTRA, INDIA.

**415 V A.C. DISTRIBUTION BOARD for EHV S/S**



CHHATTISGARH STATE POWER TRANSMISSION CO. O/o THE E. E. (S/S) Dn. CSP/CL : RAIPUR (CG)	
Executive Engineer Sub Station Division C.S.P.T.C.L., Raipur	DRC OF 415 V A.C. DISTRIBUTION For EHV Sub-Stations



(5)

**SPECIFICATION OF 415 V A. C. DISTRIBUTION BOARD  
BILL OF MATERIALS**

S.No.	Name Of Item	Make	Qty.	Mark/Symbol
1.	CHANGE OVER SWITCH 200 A.	HAVELLS/STD	1	
2.	SFU 63 A	HAVELLS/STD	4	
3.	MCB 2 POLE, 32 A	HAVELLS/STD	08	
4.	HRC FUSE WITH LINK. 32 AMP. ON CARRIER OF 63 A.	HAVELLS/STD	08	F
5.	HRC FUSE (FOR NEUTRAL)	HAVELLS/STD	08	
6.	VOLT METER WITH FUSE.	MECO	1	V
7.	AMP. METER WITH FUSE.	MECO	1	A
8.	COPPER BUS BAR	25 X 5	BYRN	
9.	VOLTS & AMP. METER WITH SELECTOR SWITCH	MECO	1	
10.	INDICATING LAMP (R. Y. B)		3	0 0 0

**OTHER DETAILS:**

1. ALL DIMENSION IN MM (+/- 25 MM)
2. ALL S.F.U WILL HAVE SEPARATE DOOR WITH LOCKING ARRANGEMENT & NEOPRENE RUBBER GASKET AND DOOR FITTED WITH DETACHABLE HINGES.
3. GLANDS WILL BE BRASS CROME. PLATED.
4. BUS BAR STRIPS COVERED WITH COLOR CODED (R. Y. B.) HEAT SHRINKABLE INSULATING PVC SLEEVES.
5. 02 NOS. EYE HOOKS WILL BE PROVIDED ON TOP OF BOARD (FOR SMOOTH HANDLING PURPOSE)
6. NON COMPARTMENTAL ENCLOSURE SUITABLE FOR INDOOR INSTALLATION.
7. SHEET THICKNESS 16 SWG.
8. EARTHING ARRANGEMENTS WITH LUGS BOTH SIDES.
9. PAINT – INSIDE - WHITE.
10. PAINT – OUTSIDE - SEMENS GREY / DARK AD. GREY (POWDER COATED)
11. CFL LIGHT PROVIDED INSIDE THE BOARD.

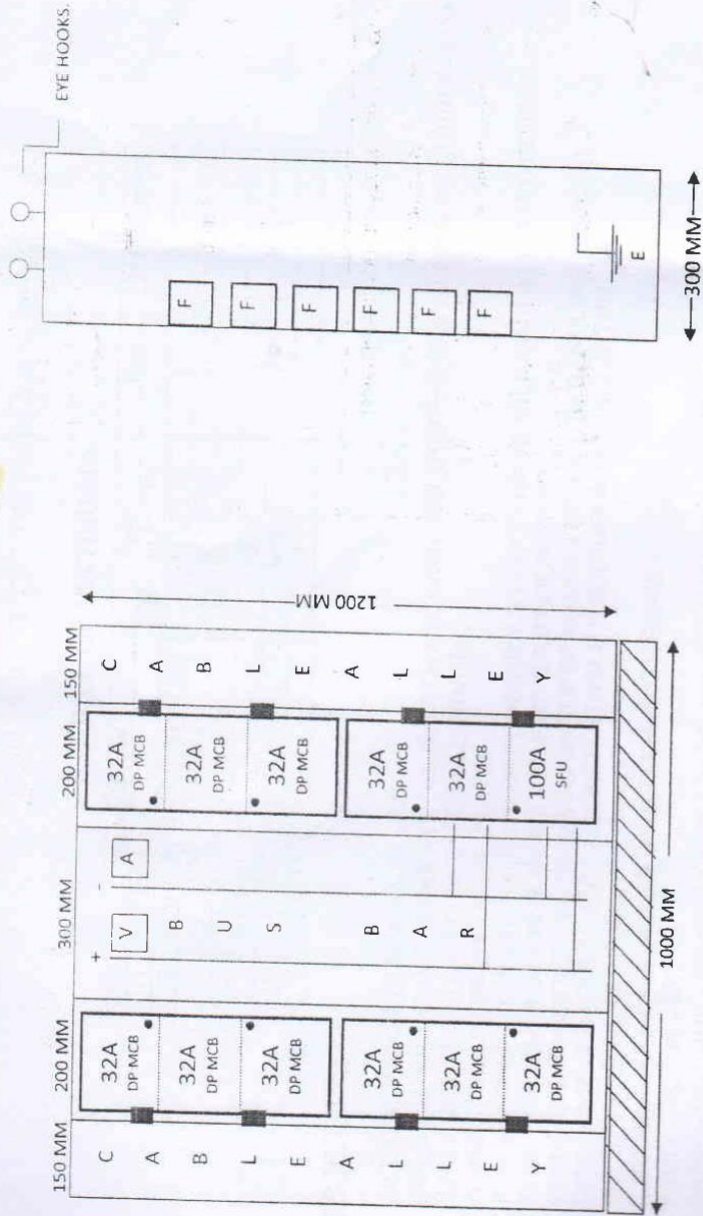
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Sub Station Division  
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