



सेंट्रल माईन प्लानिंग एण्ड डिज़ाइन इंस्टीच्यूट लिमिटेड
 (कोल इंडिया लिमिटेड की अनुषंगी कम्पनी/भारत सरकार की एक लोक उपक्रम)
 पंजीकृत कार्यालय: गोंदवाना प्लेस, काँके रोड, राँची- 834031 (झारखण्ड) भारत
 क्षेत्रीय संस्थान-2, पत्रा. बीसीसीएल टाउनशिप, कोयलानगर, धनबाद 826005 (झारखण्ड) भारत
Central Mine Planning & Design Institute Limited
 (A Subsidiary of Coal India Limited/Govt. of India Public Sector Undertaking)
 Registered Office: Gondwana Place, Kanke Road, Ranchi-834031(Jharkhand)
 Regional Institute-II, P.O. BCCL Township, Koylanagar, Dhanbad 826005(Jharkhand) India
 Corporate Identity No. U14292JH1975GOI001223

सी.एम.पी.डी.आई/आर.आई-2/वि एवं यां/15-16/3047-56

Date: 03/10/2015

TENDER DOCUMENT

PART-I TECHNO COMMERCIAL BID

CMPDI, RI-II, DHANBAD

Name of work : Supply of materials & Installation of power supply arrangement through Fresh Electrical Wiring of Qtr. No:- (A/243, Sector-I), (B/270, Sector-II), (C1/46, Sect-IV), (D/32 & D/37, Sect-V), at Koyla Nagar and (B-II/22) at karmic Nagar, Dhanbad.

Last Date and Time of Submission : Upto 15.30 Hours on **16/10/2015**

Date and Time of Opening : At 16.00 Hours on **16/10/2015**

Place of Submission : E&M Department

Document issued to :

Name of Party :

Address :

Signature of issuing authority

(ए.एम.सिंह)

वरीय प्रबन्धक (वि एवं यां)



फोन नम्बर / Phone No. : +91 326 2230850, 2267693 फैक्स नम्बर / Fax No. : +91 326 2230500

ई-मेल / e-mail: ri2@cmpdi.co.in; वेब साइट / Website Address: www.cmpdi.co.in

Tender Doc : Supply of materials & Installation of power supply arrangement through Fresh Electrical Wiring of Qtr. No (A/243, Sector-I), (B/270, Sector-II), (C1/46, Sect-IV), (D/32 & D/37, Sect-V), at Koyla Nagar and (B-II/22) at karmic Nagar, Dhanbad.



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Date: 03/10/2015

TENDER NOTICE

Sealed quotation is invited from reputed parties for supply of materials & Installation of power supply arrangement through Fresh Electrical Wiring of Qtr. No (A/243, Sector-I) , (B/270, Sector-II) , (C1/46 ,Sect-IV), (D/32 & D/37, Sect-V), at Koyla Nagar and (B-II/22) at karmic Nagar, Dhanbad. as mentioned below :

| S.N. | Description of work | E.M.D. | Cost of tender document | Estimated cost. | Date and time of opening of tender | Time of completion |
|------|---|----------|-------------------------|-----------------|------------------------------------|--------------------|
| 1. | Supply of materials & Installation of power supply arrangement through Fresh Electrical Wiring of Qtr. No (A/243, Sector-I), (B/270, Sector-II) , (C1/46 ,Sect-IV), (D/32 & D/37, Sect-V), at Koyla Nagar and (B-II/22) at karmic Nagar, Dhanbad. | ₹ 3655/- | ₹ 250/- | ₹ 3.65 lakhs | At 16.00 Hours on 16/10/2015 | Twenty One Days |

Last Date and Time of Submission of Tender: 16.10.2015 up to 15.30 Hours

Date and Time of Opening of Tender: At 16.00 Hours on 16.10.2015.

Issue of tender document:-

Tender paper will be available from this office on any working day during Office working hours from **05.10.2015 to 14.10.2015** on payment of requisite Application Fees (cost of tender document) for each set, between 10.00 to 13.00 hrs. Only, either in cash at the cash counter of CMPDI, RI-II or in form of Bank Draft drawn in favor of “**CMPDI, Regional Institute, Dhanbad**”. The intending bidder must submit the documentary evidence in support of their eligibility for taking up the work, along with their offer, failing which the tender will be rejected. In the event of the specified date for submission /opening of bids being declared a holiday the bids will be received /opened on the appointed time on the next working day.

The Tender Document may be seen and down loaded from the **web sites <http://www.cmpdi.co.in> or www.tenders.gov.in**

The company shall not be responsible for any delay / difficulties / inaccessibility of the downloading facility for any reason whatsoever. The downloading facility shall be available during the period of sale of tender paper.

The bidders, who will download the tender documents from the website of the company, will be required to pay “Application Fee” by Bank Draft at the time of submission of tenders, separately.

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The bidders will be required to submit an undertaking that they will accept the tender documents as available in the website and their tender shall be rejected if any tampering in the tender document is found to be done at the time of opening of tender.

In case of any discrepancy between the tender documents downloaded from the website and the master copy available in the office, the latter shall prevail and will be binding on the bidders. No claim on this account will be entertained.

Eligibility criteria for taking up the work:

1. The tenderer has to fulfill the following eligibility criteria (documentary evidence to be submitted in Part-1 i.e. techno-commercial bid of the tender).

a) Average annual financial turnover during the last 3 years ending 31st March (i.e. during 2012-13, 2013-14, 2014-15) of the previous financial year should be at least 30 % of the estimated cost i.e ₹1,09,650/-

b) Experience of having successfully completed similar works during last 7 years ending last day of month previous to the one in which application is invited should be either of the following

i) Three similar completed works costing not less than the amount equal to 40 % of the estimated cost i.e. ₹1,46,200/- or

ii) Two similar completed works costing not less than the amount equal to 50 % of the estimated cost i.e. ₹1,82,750/- or

iii) One similar completed work costing not less than the amount equal to 80 % of the estimated cost i.e. ₹2,92,400/-

Similar work means maintenance, repair and installation of electrical items.

In addition to this the bidder must submit the following: -

1. PAN,
2. Valid Electrical supervisory license issued by state government.
3. Valid Electrical contractor license.
4. Status of firm-firm registration /or partnership deed & power of attorney/ affidavit regarding Proprietorship/Article of association etc. (if applicable)
5. Service Tax registration No.

Copies of all the certificates to be submitted along with the tender shall be duly authenticated by the bidder.

Submission of Tender:-

Sealed Tender should be submitted in the prescribed form on or before **15.30 hours of 16/10/2015**. in tender box in E&M Engineering Department, CMPDI, RI- II, Koyla Bhawan Complex, Koyla Nagar, Dhanbad. Postal tenders will not be accepted. Any bid received after the time will not be accepted. Tender must be submitted in sealed cover which must be super scribed with the Tender Enquiry Number and the date of opening. Full Name and address of the bidder shall be written on

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the bottom left corner of the sealed cover. The tender document shall become the property of the Company and shall not be returned to the bidder.

All envelopes containing the tenders shall be properly sealed. The Tender is to be submitted in two parts viz. Part – I and Part – II in separate sealed envelope super scribed by Part –I and Part –II. **The Envelope- I containing Part-I & Envelope- II containing Part-II should be inside one outer cover.** The outer cover shall bear the address of the purchaser and full Name and address of the bidder shall be written on the bottom left corner.

The Tender should be submitted in two parts in two Envelope system and shall be in one outer cover. The first envelope i.e., **Part - I** of the tender document shall contain credentials (duly authenticated by the bidder) in support of his qualification in accordance with Eligibility criteria along with the Earnest Money Receipt/ Demand Draft (in a separate envelope), then put both the document inside first envelope **Part I**). The second envelope i.e., **Part - II** shall contain dully filled in Price Bid. Then, both the **PART– I (Techno Commercial Bid)** and **PART– II (Price bid)**. Shall be put inside a third **overall envelope** and sealed & secured and submitted.

Attention: For the parties who will be down loading the Tender Document from web site:

The Bank Draft towards the Application Fee(s) / cost of tender document and the **Undertaking** of the bidder **shall be submitted in a separate envelop marked “Application fee and the Undertaking”** and not with Part-I/EMD, so that this envelope can be opened first (before PART-I).

Validity of the offer shall be 180 days from opening of Price Bid / Revised Price Bid (if any).

The Earnest Money may be deposited in cash at the cash counter of CMPDI, RI- II or in form of Bank Draft drawn in favor of **“CMPDI, Regional Institute, Dhanbad”** from any Nationalized Bank. .

The date and time of opening of Price bid or Part II of the tender shall be communicated over telephone to technically qualified bidders in due course of time after consideration of (first Envelope) Part -I.

No tender shall be considered unless accompanied by the said Earnest Money.

Each page of the tender document should be signed by the tenderer. This will not contain any alternative items or suggestions, comments, or conditions. Late tender / incomplete tenders / telegraph tenders, tenders received through Post/ courier services or tenders received after due date and time of tender submission shall not be accepted. The Earnest Money will be retained in case of successful bidder and refunded to the unsuccessful bidder(s) in due course and it will not carry any interest. The EMD of the successful bidder will be dealt with as provided elsewhere in the tender document.

The rate for the work should be inclusive of all incidentals, overheads, taxes, octroi, duties, leads, lifts, carriage, etc. as required for supply, execution and completion of work. It shall be deemed that the bidder(s) has/have visited the site/ area and got fully acquainted with the working and other prevalent conditions thereof and fluctuations thereto whether he/she/they actually visited the site /area or not, and have taken all the above factors into account while quoting rates. The work to be done in office with minimum disturbance to office activities.

Evaluation of bid shall be based on total value of the entire job including supplies of materials as specified in schedule of price and not on individual items.



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All the bidders requested to be present on the scheduled date and time of opening. However their absence will not stop opening.

The tender committee reserves the right to accept / reject any tender fully or partly or split up the work without assigning any reason whatsoever and its decision will be final as well as binding.

(ए.एम.सिंह)

वरीय प्रबन्धक(वि एवं यां)

Copy to: -

1. The CVO, HQ, Ranchi
2. The Regional Director, RI-II for kind information.
3. HOD(F), CMPDI, RI-II, Member of tender committee
4. The Convener, Tender Committee, RI – II.
5. Shri S. Surin, CM (Geology), RI- II, Member of Tender Committee.
6. HOD (P&A)), RI- II - with a request to arrange to display on CMPDI Notice Board.
7. GM (Civil), BCCL, Koylanagar, Dhanbad – With a request to arrange to display on Notice Board.
8. G M (E&M), BCCL, Koyla Nagar, Dhanbad, with a request to arrange to display on Notice Board.
9. G M (TA), BCCL, Koyla Nagar, Dhanbad, with a request to arrange to display on Notice Board.
10. Cash Section, RI-II
11. Office copy.

(ए.एम.सिंह)

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ANNEXURE-I

UNDERTAKING BY TENDERER(S)

(In the form of affidavit on Non Judicial Stamp paper of Rs. 10/-)

I, proprietor/ partner/ accredited representative of M/s, solemnly declare that:

1. We are submitting tender for the work "Supply of materials & Installation of power supply arrangement through Fresh Electrical Wiring of Qtr. No (A/243,Sector-I) , (B/270, Sector-II) , (C1/46 ,Sect-IV), (D/32 & D/37, Sect-V), at Koyla Nagar and (B-II/22) at karmic Nagar, Dhanbad.
" against tender notice no.सी.एम.पी.डी.आई/आर.आई-2/वि एवं यां/15-16/3047-56 , Date: 03/10/2015.
2. I/We partners/proprietor of the firm am/ are not related to any employee of CIL and its subsidiaries.
3. All information furnished by me/us in respect of fulfillment of eligibility criteria & qualification information of this tender is complete, true & correct.
4. All documents/ credentials submitted through this tender are genuine, authentic, true & valid.
5. I / we have not been banned / de-listed by any Govt. / PSU organization.
6. If any information & document submitted is found to be false/ incorrect anytime, department may cancel my tender & action as deemed fit may be taken against me/ us, including termination of the contract, forfeiture of all dues including EMD & banning/ de-listing of my/our firm.

.....
 (Seal of Notary)

Signature of Tendered

.....
 Name of Tenderer (IN BLOCK CAPITAL)

Position in the Company/Firm (proprietor/partner/legal representative etc.):

Date:

Place:

Official Seal (Stamp):



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ANNEXURE- II

UNDERTAKING BY TENDERER(S) *

* (ONLY FOR THOSE WHO HAS (HAVE) DOWNLOADED THROUGH WEBSITE)

I/We, proprietor/ partner/Legal Attorney/accredited representative of M/s
....., solemnly declare that:

1. I/we accept the Tender Document as (I/we have) downloaded the same from the website
<http://www.cmpdi.co.in> or, www.tenders.gov.in unconditionally.

And

2. I/we understand and fully accept that the Tender Document thus obtained by me/us will be rejected if found incomplete and/or if any tampering and/or discrepancy is found therein in comparison to the Master Copy or Office Copy of the said Tender Document.
3. I/we further assure and accept that I/we shall accept the Office Copy version of the Tender Document and shall not raise any objection in any form or shall not make any hindrance to the tendering process in case of such rejection.

.....
Signature of Tenderer

.....
Name of Tenderer (IN BLOCK CAPITAL)

Position in the Company/Firm: (proprietor/partner/legal representative etc.):

Date:

Place:

Official Seal (Stamp):



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क्षेत्रीय संस्थान-2, पत्रा. बीसीसीएल टाउनशिप, कोयलानगर, धनबाद 826005 (झारखण्ड) भारत
Central Mine Planning & Design Institute Limited
(A Subsidiary of Coal India Limited/Govt. of India Public Sector Undertaking)
Registered Office: Gondwana Place, Kanke Road, Ranchi-834031(Jharkhand)
Regional Institute-II, P.O. BCCL Township, Koylanagar, Dhanbad 826005(Jharkhand) India
Corporate Identity No. U14292JH1975GOI001223

ANNEXURE –III

Form for e- Payment

To
The Regional Director,
Regional Institute-II, CMPDI,
Koyla Bhawan Complex, Koyla Nagar,
Dhanbad-826005.

Ref: Authorisation of all our payment through electronic fund transfer system/
RTGS/CBS/Intra bank Transfer

We, hereby authorize CMPDI Limited to make all our payments against our bills, refund of earnest money deposit and security deposit through Electronic Fund Transfer system/RTGS/CBS/Intra Bank Transfer. The details for facilitating the payments are given below:

(TO BE FILLED IN CAPITAL LETTERS)

1. Name of the beneficiary
2. Address.....
.....
City PINCODE.....e-mail id.....
Telephone no. (With STD code).....
3. Bank particulars :-
Bank NameBranch NameBank branch code...
Branch address.....
.....PIN CODE.....
Telephone No. (With STD code).....FAX No. (With STD code).....
4. 9 digit MICR code of the Bank branch (Enclosed copy of a cancelled cheque):
5. 11 digit IFSC code of beneficiary branch
6. Bank Account Number :
7. Bank Account Type (Tick One) : SAVING/CURRENT/LOAN.CASH CREDIT/ OTHERS (if any other, pl. specify)
8. Permanent Account Number (PAN):
9. CMPDI vendor code :

I/We hereby declare that the particulars given above are correct and complete. If the transaction is delayed or credit is not to bear the bank charges, if any for enabling such transfer effected at all for reasons of incomplete or incorrect information, I/We would not hold the company responsible. We also agree.

(AUTHORISED SIGNATORY)

Name.....

Date.....

(Official stamp)

BANK CERTIFICATION

It is certified that above mentioned beneficiary holds a Bank account No..... with our branch and the Bank particulars mentioned above are correct

(AUTHORISED SIGNATORY)

Name.....

Date.....

(Official stamp)



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SCOPE OF WORK

Ref: Supply of materials & Installation of power supply arrangement through Fresh Electrical Wiring of Qtr. No (A/243, Sector-I) , (B/270, Sector-II) , (C1/46 ,Sect-IV), (D/32 & D/37, Sect-V), at Koyla Nagar and (B-II/22) at karmic Nagar, Dhanbad.

For (A, B & C-I) Type Qtr.-

- Supply and installation of 32 A, Main Switch for receiving single phase 230V power from main incoming of each block/building.
- Power/Service line from main incomer of the building to the each qtr. will be fed through proper size of 10/6 mm² 3 core Cu Cable Service line as required.
- Supply & Installation of Distribution boards of proper size of 32A/16A/10A, main switches (of MCBs) for power line & 16A/10A Single pole switches (of MCBs) for lighting ckt.
- Power point will be provided at Bedroom, Kitchen room, Bathrooms and Drawing room as required. in each quarter.
- Each room will have one fan point, three light points, and two 6 amp 5 pin sockets and outside light point in each quarter.
- Corridor, verandah will be also provided with sufficient no of light points.
- All distribution boards shall be provided with SP MCBs as outgoing. Separate neutral bus shall be provided for distribution boards.
- All distribution boards and bus bar arrangements shall be enclosed in metal boxes with anticorrosive paints.
- The distribution boards shall contain plug in or bolted type MCBs mounted on bus bars. MCBs shall be quick make and quick break type with trip free mechanism. The MCBs shall have thermal and magnetic short circuit protection.
- Supply of materials and installation of single phase power supply to all the light /fan/ Power point in different floors with proper sizes of cables of PVC insulated FRLS 650 / 1100 volts grade single core copper conductor wire /cable of 1.5 (minimum) / 2.5 sq.mm /4 sq.mm as required of adequate current carrying capacity from the distribution boards (of MCBs) through PVC Pipes/Square Casing . No joint shall be allowed in the wiring for any point.
- All joints shall be made in distribution boards and switch boards only. Conductors shall be continuous from outlet to outlet.
- Supply and installation of necessary M.S box of proper sizes (with phenolic laminated sheet) in all rooms, bathrooms, kitchen room, Drawing room etc. (wherever required) with 5 pin type 230 volts 6 amps off white socket and piano type switch.
- Proper earthing work shall be done throughout the installation work following IE rules and Indian standard code of practice .All non-current carrying metal parts of the installation shall be earthed properly. Earth continuity conductor from main / sub distribution boards to various distribution boards and user points shall be of copper. Earth continuity conductor from main / sub distribution boards to earth electrodes will be of galvanized MS strip.
- Entire job of installation shall be done as per the instruction on site by our Engineer-in-charge and is subject to changes felt by the Engineer-in-charge, if required. Payment for any additional work shall be made as per the quoted rate.



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For D-Type Qtr:-

- Supply and installation of one no 63amp MCCB, Main Switch for receiving single phase 230V power at Garage room of quarter.
- Supply & Installation of two nos distribution board each containing 40amp & 25 amp MCBs with suitable size of enclosure in the garage for distribution of power and lighting line to ground floor and 1st floor.
- Supply & Installation of Distribution boards of proper size containing 40A, DP and 20A, SP switches (of MCBs) for power line and & 25A, DP and 10A, Single pole switches (of MCBs) for lighting ckt. at ground floor and first floor of the building with adequate spare switches.
- Power from main Garage to above two nos of power distribution board will be fed by Separate proper size of 16/10 mm² 3core Cu Cable.
- Power point will be provided at all Bedrooms, Kitchen room, Bathrooms and Drawing room of each quarter.
- Each room will have one fan point, three light points, and One 6 amp 5 pin socket and outside light point if required.
- Corridor, verandah & stairs and roof will be also provided with sufficient no of light points.
- All distribution boards shall be provided with DP / SP MCBs as outgoing. Separate neutral bus shall be provided for distribution boards.
- All bus bars and inter-connectors shall be suitable for full load current capacity. The bus bars and inter-connectors shall be covered with color coded insulation tapes. The bus bars shall be supported on unbreakable non-hygroscopic insulated supports at regular intervals to withstand the short circuit condition of the system. All bus bars shall be provided in separate chambers and shall be properly ventilated.
- All distribution boards and bus bar arrangements shall be enclosed in metal boxes with anticorrosive paints.
- The distribution boards shall contain plug in or bolted type MCBs mounted on bus bars. MCBs shall be quick make and quick break type with trip free mechanism. The MCBs shall have thermal and magnetic short circuit protection.
- All joints shall be made in distribution boards and switch boards only. Conductors shall be continuous from outlet to outlet.
- Supply and installation of necessary MS box of proper sizes (with phenolic laminated sheet) in all rooms, bathrooms, kitchen room, Drawing room etc. (wherever required) with 5 pin type 230 volts 6 amps off white socket and piano type switch of reputed make.
- Proper earthing work shall be done throughout the installation work following IE rules and Indian standard code of practice .All non-current carrying metal parts of the installation shall be earthed properly.

The bidder is to visit the site for estimation of the volume of job and quantity of materials required. Actual quantity (for final payment) shall be finalized after execution of the complete work and measurement to be done jointly by this institute and the party.



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MAJOR TERMS AND CONDITIONS

1. Competent authority reserves the right to cancel the tender, postpone the date of receipt and opening the tender or redefine the volume of work without assigning any reason whatsoever or any clarification or notification to the parties. Competent authority reserves the right to reduce the volume of work even after the award of job and payment shall be made according to the actual volume of work executed and as per quoted rate.
2. Competent authority reserves the right to terminate the contract in between, in case the supply of materials and the quality of job being done are not satisfactory within seven days' notice either verbally or in writing. No payment shall be made in that case for part supply or part completion of the job done. Further, all changes done in our existing system shall have to be re-modified to the original condition by the party free of cost.
3. Conditional/ incomplete tenders will not be accepted and shall be out right rejected.
4. Issuance of tender documents does not mean that the parties are considered to be qualified.
5. The experience as given in the eligibility criteria should be in the name & style in which tender is filled. The experience in the name of some other firm / company will not be considered for this purpose
6. No offloading or sub-contracting is permissible. If it is reported or found in any stage after opening the offer or even after issuing the work order, the same shall be treated as violation of contract and shall be cancelled and terminated. The bidder shall closely study all terms and conditions in details, which governs the rates for which he/she/they is/are tendering.
7. The company does not bind itself to accept the lowest tender and reserves the right to reject any or all the tenders without assigning any reason whatsoever and split up the work between two or more tenders or accept the tender in part and not in entirety.
8. The rates, terms and conditions offered shall be valid for a period of 180 days from the date of opening of Price Bid / Revised Price Bid (if any) It is the onus of the contractor to have the liability for any compensation to self and his engaged worker / labour in case of eventuality. CMPDI, RI-II will have no liability in any case and in any manner.
9. If the contractor fails to maintain the required progress in terms of agreed time and progress chart or to complete the work and clear the site on or before the contract or extended date of completion he shall without prejudice to any other right or remedy available under the law to the company on account of such breach, pay as compensation (Liquidated damages) @ half percent (1/2%) of the contract price per week of delay. The aggregate of such Compensation shall not exceed 10 (ten) percent of the value as shown in the contract.



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10. The party is to give warranty for all components of the installation work under their scope for six months from the date of completion of entire work. During warranty period the successful bidder is to maintain the entire system properly (including the existing portion) and downtime should not exceed more than 24 hours failing which penalty will be deducted from the security deposit @ half percent (1/2%) of the contract price per week. The engineer / electrician of the party should be available at Dhanbad during the warranty period to attend the system in case of any failure or break down of the system. The party will provide service support for all components of the system under the scope of work and the installation work for the entire warranty period.
11. The job of supply of materials & installation will have to be completed within 21 days from the date of issue of work order.
12. The contractor shall at his own cost arrange for safety provisions stipulated by Government or local authorities or as required by the owner in respect of all labour directly employed for performance of the works and shall provide facilities in connection therewith. The contractor shall provide personal protective equipment and insulated tools to his personnel for carrying out the job. Responsibility of safety of all the persons engaged in the job shall be solely borne by the contractor.
13. No charges of service contract value will be acceptable within the contract period other than Govt. statutory taxes if the statutory taxes are imposed only after the date of issuance of work order.
14. While executing the electrical job, the successful bidder must ensure that work is being carried out abiding Indian Electricity (I E) Rules and the bidder will remain responsible for any violation of IE rule, if any. The successful bidder will be whole and sole responsible for any adverse consequences occurred during the contract period.
15. **The payment will be made by Electronic Fund Transfer (EFT) mode only.** Bidder shall submit the details as per format given in Annexure – III and to be submitted along with the offer with original Signature and stamp.
16. The earnest money deposited by the contractor will be treated as part of security deposit and balance amount of 4 % shall be deposited within 28 days of receipt of work order, towards total **Performance security deposit** of 5% of the work order value, which will be released (Without interest) after the satisfactory completion of work.
17. 95% Payment will be released by the paying authority after successful completion of awarded work. 5 % payment will be held back with us in the nature of **Retention Money** which will be released (without interest) after the expiry of warranty period from satisfactory completion of entire work.
18. Paying authority: HOD (Finance), CMPDI, RI-II, Dhanbad.
19. The successful bidder will submit bill in triplicate duly stamped and pre-receipted to the Consignee for arranging payment in time along with all relevant documents.



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20. Proper condition of the site must be ensured by you after any maintenance / repairing work. Cost of any damage occurring to any existing equipment or the equipment during the work shall have to be borne by you and the company will not remain liable for that.
21. All disputes are subject to Dhanbad Court Jurisdiction.
22. The contractor shall be wholly and solely responsible for full compliance with provisions under all labour laws and / or regulations if it is applicable to him, such as payment of wages act, minimum wages act, employees liability act, workman's compensation act, Industrial dispute act, contract labour act and any modification thereof or any other law and rules under time to time.
23. The contractor shall at his own cost arrange for safety provisions stipulated by Government or local authorities or as required by the owner in respect of all labour directly employed for performance of the works and shall provide facilities in connection therewith. The contractor shall provide personal protective equipment and insulated tools to his personnel for carrying out the job. Responsibility of safety of all the persons engaged in the job shall be solely borne by the contractor.
24. The contractor shall not employ any labour under 18 years of age on the job.
25. Security of the entire site including storage of materials shall be the responsibility of the contractor. Security of the persons employed by the contractor shall be borne by the contractor.
26. Entry to our office building in Koyla Bhawan Complex for the workers shall be the responsibility of the contractor.

27. Non-disclosure / Confidentiality Clause:

The bidder will not at any time during pendency of contract or afterwards, disclose to any person any information as to documents, components, parts, information, drawings, data, sketches, plans, programs, specifications, techniques, processes, software, inventions and other materials, both written and oral, of a secret, confidential or proprietary nature, including without limitation any and all information relating to finance, invention, research, design or development of information system and any supportive or incidental subsystems, and any and all subject matter claimed in or disclosed by any patent application prepared or filed by or on behalf of CMPDIL, in any jurisdiction, and any amendments or supplements thereto. The bidder should understand that any breach of this clause would constitute a serious offence for which appropriate legal action may be taken to ensure the enforcement of confidentiality clause.

CMPDIL also desires that the bidder shall hold in trust and confidence, and not disclose to others or use for its own benefit or for the benefit of other, any Proprietary information which is disclosed to the bidder by CMPDIL at any time during the

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agreement /award of work/execution of work and thereafter. The bidder shall disclose Proprietary information received under the contract to person within its organization only if such persons (i) have a need to know and (ii) are bound in writing to protect the confidentiality of such Proprietary information. This clause shall survive and continue after any expiration or termination of the contract and shall bind the contractor, its employees, agents, representatives, successors, heirs and assigns.

(ए.एम.सिंह)

वरीय प्रबन्धक (वि एवं यां)

Accepted:

Signature of the Contractor / bidder: Dated:

NAME OF THE SIGNATORY IN BLOCK CAPITAL:

Official seal / stamp:



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 (कोल इंडिया लिमिटेड की अनुषंगी कम्पनी/भारत सरकार की एक लोक उपक्रम)
 पंजीकृत कार्यालय: गोंदवाना प्लेस, काँके रोड, राँची- 834031 (झारखण्ड) भारत
 क्षेत्रीय संस्थान-2, पत्रा. बीसीसीएल टाउनशिप, कोयलानगर, धनबाद 826005 (झारखण्ड) भारत
Central Mine Planning & Design Institute Limited
 (A Subsidiary of Coal India Limited/Govt. of India Public Sector Undertaking)
 Registered Office: Gondwana Place, Kanke Road, Ranchi-834031(Jharkhand)
 Regional Institute-II, P.O. BCCL Township, Koylanagar, Dhanbad 826005(Jharkhand) India
 Corporate Identity No. U14292JH1975GOI001223

सी.एम.पी.डी.आई/आर.आई-2/वि एवं यां/15-16/3047-56

Date: 03/10/2015

TENDER DOCUMENT

PART-II PRICE BID

CMPDI, RI-II, DHANBAD

Name of work : Supply of materials & Installation of power supply arrangement through Fresh Electrical Wiring of Qtr. No (A/243, Sector-I) , (B/270, Sector-II), (C1/46 ,Sect-IV), (D/32 & D/37, Sect-V), at Koyla Nagar and (B-II/22) at karmic Nagar, Dhanbad.

Last Date and Time of Submission : Upto 15.30 Hours on **16.10.2015**

Date and Time of Opening : At 16.00 Hours on **16.10.2015**

Place of Submission : E&M Department

Document issued to:

Name of Party :

Address :

Phone No

Signature of issuing authority

(ए.एम.सिंह)

वरीय प्रबन्धक (वि एवं यां)



फोन नम्बर / Phone No. : +91 326 2230850, 2267693 फैक्स नम्बर / Fax No. : +91 326 2230500

ई-मेल / e-mail: ri2@cmpdi.co.in; वेब साइट / Website Address: www.cmpdi.co.in

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Corporate Identity No. U14292JH1975GOI001223

SCHEDULE OF PRICE

1. A-Type

| Sl.No | CPWD SOR Item Code | Description of Items | Unit | Make | Unit Rate in ₹ | Qty. Required | Total cost in ₹ |
|-------|---|---|-------|------|----------------|---------------|-----------------|
| 1 | CPWD SOR (Elect.)- 20012, Code No. 1.14 | Wiring for circuit /sub main wiring along with earth wire with the following size of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required. | | | | | |
| 1a | 1.14.4 | 2x6 sq. mm+1x6 sq. mm earth wire | Metre | | | 15 | |
| 2 | CPWD SOR (Elect.)- 20012, Code No. 2.16 | Supplying and fixing DP sheet steel enclosure on surface/recess along with 25/32 amps 240 volts "c" curve DP MCB complete with connections, testing and commissioning etc.as required. | Each | | | 2 | |
| 3 | CPWD SOR (Elect.)- 20012, Code No. 2.3 | Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/recessed, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc.as required.(But without MCB/RCCB/Isolator) | | | | | |
| 3a | 2.3.1 | 2+4 way, single door | Each | | | 1 | |
| 4 | CPWD SOR (Elect.)- 20012, Code No. 2.10 | Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "c", miniature circuit breaker suitable for inductive load of following poles of existing MCB DB complete with connwctions, testing and commissioning etc.as required. | | | | | |
| 4a | 2.10.3 | Double pole, 32 Amp | Each | | | 1 | |
| 4b | 2.10.1 | Single pole, 16 Amp | Each | | | 2 | |
| 4c | 2.10.1 | Single pole, 10 Amp | Each | | | 2 | |
| 5 | CPWD SOR (Elect.)- 20012, Code No. 1.14 | Wiring for circuit /sub main wiring along with earth wire with the following size of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required. | | | | | |
| 5a | 1.14.2 | 2x2.5 sq. mm+1x2.5 sq. mm earth wire | Metre | | | 13 | |

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क्षेत्रीय संस्थान-2, पत्रा. बीसीसीएल टाउनशिप, कोयलानगर, धनबाद 826005 (झारखण्ड) भारत
Central Mine Planning & Design Institute Limited
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Registered Office: Gondwana Place, Kanke Road, Ranchi-834031(Jharkhand)
Regional Institute-II, P.O. BCCL Township, Koylanagar, Dhanbad 826005(Jharkhand) India
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| | | | | | | | | |
|-----|-------------------------------|----------|---|-------|--|--|----|--|
| 6 | CPWD (Elect.)-20012, No. 1.8 | SOR Code | Wiring for light point/fan point/exhaust fan point/call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit ,with piano type switch, phenolic laminated sheet ,suitable size M.S. box and earthing the point with 1.5 sq. mm FR PVC insulated copper conductor single core cable etc. as required. | | | | | |
| 6a | 1.8.2 | | GROUP - B | Each | | | 17 | |
| 7 | CPWD (Elect.)-20012, No. 1.23 | SOR Code | Supply and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as required. | | | | | |
| 7a | 1.23.1 | | 5/6 Amps switch | Each | | | 4 | |
| 7b | 1.23.4 | | 3 pin 5/6 Amp socket outlet | Each | | | 5 | |
| 8 | CPWD (Elect.)-20012, No. 1.33 | SOR Code | Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/wooden block including connection etc. as required. | Each | | | 7 | |
| 9 | CPWD (Elect.)-20012, No. 1.38 | SOR Code | Supplying and fixing call bell/buzzer suitable for single phase, 230 volts, complete as required. Required. | Each | | | 1 | |
| 10 | CPWD (Elect.)-20012, No. 1.34 | SOR Code | Supplying and fixing brass batten/angle holder including connection etc.as required. | Each | | | 8 | |
| 11 | CPWD (Elect.)-20012, No. 1.12 | SOR Code | Wiring for light/power plug with 2x4 sq. mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit along with 1 No 4 sq.mm FR PVC insulated copper conductor single core cable for loop earthing as required. | Metre | | | 7 | |
| 12 | CPWD (Elect.)-20012, No. 1.30 | SOR Code | Supply and fixing metal box of 180mmx100mmx60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. as required. | Each | | | 1 | |
| 13 | CPWD (Elect.)-20012, No. 1.22 | SOR Code | Supply and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc. as required. | | | | | |
| 13a | 1.22.2 | | 100mmX100mmX60mm deep | Each | | | 2 | |

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क्षेत्रीय संस्थान-2, पत्रा. बीसीसीएल टाउनशिप, कोयलानगर, धनबाद 826005 (झारखण्ड) भारत
Central Mine Planning & Design Institute Limited
(A Subsidiary of Coal India Limited/Govt. of India Public Sector Undertaking)
Registered Office: Gondwana Place, Kanke Road, Ranchi-834031(Jharkhand)
Regional Institute-II, P.O. BCCL Township, Koylanagar, Dhanbad 826005(Jharkhand) India
Corporate Identity No. U14292JH1975GOI001223

NON SOR

| | | | | | | | |
|---|---------------------|--|------|--|--|---|--|
| 1 | As per Market Price | Supply and fixing stepped type conventional fan regulator on the existing modular plate switch box including connections but excluding modular plate etc.as required | Each | | | 2 | |
| 2 | As per Market Price | Miscellaneous including cleaning of rubbish, mending of wall, floor damage etc. | Ls | | | | |

Total Cost of A-Type (Per Qtr) in ₹

2. B-Type Qtr.

| SI.No | CPWD SOR Item Code | Description of Items | Unit | Make | Unit Rate in ₹ | Qty. Required | Total cost in ₹ |
|-------|--|--|-------|------|----------------|---------------|-----------------|
| 1 | CPWD SOR (Elect.)-20012, Code No. 1.14 | Wiring for circuit /sub main wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required. | | | | | |
| 1a | 1.14.4 | 2x6 sq. mm+1x6 sq. mm earth wire | Metre | | | 24 | |
| 2 | CPWD SOR (Elect.)-20012, Code No. 2.16 | Supplying and fixing DP sheet steel enclosure on surface/recess along with 25/32 amps 240 volts "c" curve DP MCB complete with connections, testing and commissioning etc.as required. | Each | | | 2 | |
| 3 | CPWD SOR (Elect.)-20012, Code No. 2.3 | Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/recessed, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc.as required. (But without MCB/RCCB/Isolator) | | | | | |
| 3a | 2.3.2 | 2+6 way, single door | Each | | | 1 | |
| 4 | CPWD SOR (Elect.)-20012, Code No. 2.10 | Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "c", miniature circuit breaker suitable for inductive load of following poles of existing MCB DB complete with connwctions, testing and commissioning etc.as required. | | | | | |
| 4a | 2.10.3 | Double pole, 32 Amp | Each | | | 1 | |
| 4b | 2.10.1 | Single pole, 16 Amp | Each | | | 2 | |
| 4c | 2.10.1 | Single pole, 10 Amp | Each | | | 3 | |

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| | | | | | | | |
|----|--|---|-------|--|--|----|--|
| 5 | CPWD SOR (Elect.)-20012, Code No. 1.14 | Wiring for circuit /sub main wiring along with earth wire with the following size of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required. | | | | | |
| 5a | 1.14.2 | 2x2.5 sq. mm+1x2.5 sq. mm earth wire | Metre | | | 30 | |
| 6 | CPWD SOR (Elect.)-20012, Code No. 1.8 | Wiring for light point/fan point/exhaust fan point/call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit ,with piano type switch, phenolic laminated sheet ,suitable size M.S. box and earthing the point with 1.5 sq. mm FR PVC insulated copper conductor single core cable etc. as required. | | | | | |
| 6a | 1.8.2 | GROUP - B | Each | | | 22 | |
| 7 | CPWD SOR (Elect.)-20012, Code No. 1.23 | Supply and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as required. | | | | | |
| 7a | 1.23.1 | 5/6 Amps switch | Each | | | 5 | |
| 7b | 1.23.4 | 3 pin 5/6 Amp socket outlet | Each | | | 8 | |
| 8 | CPWD SOR (Elect.)-20012, Code No. 1.33 | Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/wooden block including connection etc. as required. | Each | | | 10 | |
| 9 | CPWD SOR (Elect.)-20012, Code No. 1.38 | Supplying and fixing call bell/buzzer suitable for single phase, 230 volts, complete as required. Required. | Each | | | 1 | |
| 10 | CPWD SOR (Elect.)-20012, Code No. 1.34 | Supplying and fixing brass batten/ angle holder including connection etc.as required. | Each | | | 12 | |
| 11 | CPWD SOR (Elect.)-20012, Code No. 1.12 | Wiring for light/power plug with 2x4 sq. mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit along with 1 No 4 sq.mm FR PVC insulated copper conductor single core cable for loop earthing as required. | Metre | | | 8 | |
| 12 | CPWD SOR (Elect.)-20012, Code No. 1.30 | Supply and fixing metal box of 180mmx100mmx60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. as required. | Each | | | 1 | |

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| | | | | | | |
|----------------|--|--|------|--|--|---|
| 13 | CPWD SOR (Elect.)-20012, Code No. 1.22 | Supply and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc. as required. | | | | |
| 13a | 1.22.2 | 100mmX100mmX60mm deep | Each | | | 5 |
| NON SOR | | | | | | |
| 1 | As Per Market Price | Supply and fixing stepped type conventional fan regulator on the existing modular plate switch box including connections but excluding modular plate etc.as required | Each | | | 3 |
| 2 | As Per Market Price | Miscellaneous including cleaning of rubbish, mending of wall, floor damage etc. | Ls | | | |

Total Cost of B-Type (Per Qtr.) in ₹

3. C-I Type Qtr.

| SI.No | CPWD SOR Item Code | Description of Items | Unit | Make | Unit Rate in ₹ | Qty. Required | Total cost in ₹ |
|-------|---|---|-------|------|----------------|---------------|-----------------|
| 1 | CPWD SOR (Elect.)- 20012, Code No. 1.14 | Wiring for circuit / sub main wiring along with earth wire with the following size of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required. | | | | | |
| 1a | 1.14.5 | 2x10 sq. mm+1x10 sq. mm earth wire | Metre | | | 21 | |
| 2 | CPWD SOR (Elect.)- 20012, Code No. 2.16 | Supplying and fixing DP sheet steel enclosure on surface/recess along with 25/32 amps 240 volts "c" curve DP MCB complete with connections, testing and commissioning etc.as required. | Each | | | 2 | |
| 3 | CPWD SOR (Elect.)- 20012, Code No. 2.3 | Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/recessed, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, Interconnections, powder painted including earthing etc.as required.(But without MCB/RCCB/Isolator) | | | | | |
| 3a | 2.3.3 | 2+8 way, single door | Each | | | 1 | |
| 4 | CPWD SOR (Elect.)- 20012, Code No. 2.10 | Supplying and fixing 5 amps to 32 amps rating, 240/415 volts "c", miniature circuit breaker suitable for inductive load of following poles of existing MCB DB complete with connections, testing and commissioning etc.as required. | | | | | |

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| | | | | | | | | |
|----|---|---|-------|--|--|--|----|--|
| 4a | 2.10.3 | Double pole, 32 Amp | Each | | | | 1 | |
| 4b | 2.10.1 | Single pole, 16 Amp | Each | | | | 5 | |
| 4c | 2.10.1 | Single pole, 10Amp | Each | | | | 3 | |
| 5 | CPWD SOR (Elect.)- 20012, Code No. 1.8 | Wiring for light point/fan point/exhaust fan point/call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq. mm FR PVC insulated copper conductor single core cable etc. as required. | | | | | | |
| 5a | 1.8.2 | GROUP - B | Each | | | | 30 | |
| 6 | CPWD SOR (Elect.)- 20012, Code No. 1.23 | Supply and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as required. | | | | | | |
| 6a | 1.23.1 | 5/6 Amps switch | Each | | | | 6 | |
| 6b | 1.23.4 | 3 pin 5/6 Amp socket outlet | Each | | | | 11 | |
| 7 | CPWD SOR (Elect.)- 20012, Code No. 1.14 | Wiring for circuit /sub main wiring along with earth wire with the following size of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required. | | | | | | |
| 7a | 1.14.2 | 2x2.5 sq. mm+1x2.5 sq. mm earth wire | Metre | | | | 30 | |
| 8 | CPWD SOR (Elect.)- 20012, Code No. 1.33 | Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/wooden block including connection etc. as required. | Each | | | | 13 | |
| 9 | CPWD SOR (Elect.)- 20012, Code No. 1.38 | Supplying and fixing call bell/buzzer suitable for single phase, 230 volts, complete as required. | Each | | | | 1 | |
| 10 | CPWD SOR (Elect.)- 20012, Code No. 1.34 | Supplying and fixing brass batten/ angle holder including connection etc.as required. | Each | | | | 13 | |
| 11 | CPWD SOR (Elect.)- 20012, Code No. 1.25 | Supply and fixing stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc.as required | Each | | | | 4 | |
| 12 | CPWD SOR (Elect.)- 20012, Code No. 1.12 | Wiring for light/power plug with 2x4 sq. mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit along with 1 No 4 sq.mm FR PVC insulated copper conductor single core cable for loop earthing as required. | Metre | | | | 30 | |

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(कोल इंडिया लिमिटेड की अनुषंगी कम्पनी/भारत सरकार की एक लोक उपक्रम)
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क्षेत्रीय संस्थान-2, पत्रा. बीसीसीएल टाउनशिप, कोयलानगर, धनबाद 826005 (झारखण्ड) भारत
Central Mine Planning & Design Institute Limited
(A Subsidiary of Coal India Limited/Govt. of India Public Sector Undertaking)
Registered Office: Gondwana Place, Kanke Road, Ranchi-834031(Jharkhand)
Regional Institute-II, P.O. BCCL Township, Koylanagar, Dhanbad 826005(Jharkhand) India
Corporate Identity No. U14292JH1975GOI001223

| | | | | | | | |
|-----|---|--|------|--|--|---|--|
| 13 | CPWD SOR (Elect.)- 20012, Code No. 1.30 | Supply and fixing metal box of 180mmx100mmx60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. as required. | Each | | | 4 | |
| 14 | CPWD SOR (Elect.)- 20012, Code No. 1.22 | Supply and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc. as required. | | | | | |
| 14a | 1.22.2 | 100mmX100mmX60mm deep | Each | | | 4 | |
| 15 | As Per Market Price | Miscellaneous including cleaning of rubbish, mending of wall, floor damage etc. | Ls | | | | |
| 16 | As Per Market Price | Light Shed | Each | | | 2 | |

Total Cost of C- I Type (Per Qtr.) in ₹ :

4. D-Type Qtr.

| Sl.No | CPWD SOR Item Code | Description of Items | Unit | Make | Unit Rate in ₹ | Qty. Required | Total cost in ₹ |
|-------|---|---|-------|------|----------------|---------------|-----------------|
| 1 | CPWD SOR (Elect.)- 20012, Code No. 1.14 | Wiring for circuit /sub main wiring along with earth wire with the following size of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required. | | | | | |
| 1a | 1.14.5 | 2x10 sq. mm+1x10 sq. mm earth wire | Metre | | | 40 | |
| 1b | 1.14.6 | 2x16 sq. mm+1x16 sq. mm earth wire | Metre | | | 42 | |
| 1c | 1.14.2 | 2x2.5 sq. mm+1x2.5 sq. mm earth wire | Metre | | | 90 | |
| 2 | CPWD SOR (Elect.)- 20012, Code No. 2.3 | Supplying and fixing following way ,single pole and neutral, sheet steel, MCB distribution board,240 volts, on surface/recessed, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc.as required.(But without MCB/RCCB /Isolator) | | | | | |
| 2a | 2.3.1 | 2+4 way single door | Each | | | 2 | |
| 2b | 2.3.2 | 2+6 way single door | Each | | | 1 | |
| 2c | 2.3.3 | 2+8 way single door | Each | | | 1 | |

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क्षेत्रीय संस्थान-2, पत्रा. बीसीसीएल टाउनशिप, कोयलानगर, धनबाद 826005 (झारखण्ड) भारत
Central Mine Planning & Design Institute Limited
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Registered Office: Gondwana Place, Kanke Road, Ranchi-834031(Jharkhand)
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| | | | | | | | |
|----|---|---|------|--|--|----|--|
| 3 | CPWD SOR (Elect.)- 20012, Code No.2.10 | Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "c", miniature circuit breaker suitable for inductive load of following poles of existing MCB DB complete with connections, testing and commissioning etc. as required. | | | | | |
| 3a | 2.10.3 | Double Pole, 25 Amp | Each | | | 4 | |
| 3b | 2.10.1 | Single Pole, 20 Amp | Each | | | 14 | |
| 3c | 2.10.1 | Single Pole, 10 Amp | Each | | | 10 | |
| 4 | CPWD SOR (Elect.) - 20012, Code No.1.8 | Wiring for light point/fan point/exhaust fan point/call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq. mm FR PVC insulated copper conductor single core cable etc. as required. | | | | | |
| 4a | 1.8.2 | GROUP - B | Each | | | 55 | |
| 5 | CPWD SOR (Elect.) - 20012, Code No.1.23 | Supply and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as required. | | | | | |
| 5a | 1.23.1 | 5/6 Amps switch | Each | | | 17 | |
| 5b | 1.23.4 | 3 pin 5/6 Amp socket outlet | Each | | | 17 | |
| 6 | CPWD SOR (Elect.) - 20012, Code No.1.33 | Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/wooden block including connections etc. as required. | Each | | | 25 | |
| 7 | CPWD SOR (Elect.) - 20012, Code No. 1. 38 | Supplying and fixing call bell/buzzer suitable for single phase, 230 volts, complete as required. | Each | | | 1 | |
| 8 | CPWD SOR (Elect.) - 20012, Code No.1216/12 17 | 20 mm junction box, one way/two way | Each | | | 25 | |
| 9 | CPWD SOR (Elect.) - 20012, Code No.1.34 | Supplying and fixing brass batten/ angle holder including connection etc. as required. | Each | | | 32 | |



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| | | | | | | | | |
|----|---|--|-------|--|--|--|-----|--|
| 10 | CPWD SOR (Elect.) - 20012, Code No.1.25 | Supply and fixing stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc.as required | Each | | | | 6 | |
| 11 | CPWD SOR (Elect.) - 20012, Code No.1.12 | Wiring for light/power plug with 2x4 sq. mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit along with 1 No 4 sq.mm FR PVC insulated copper conductor single core cable for loop earthing as required. | Metre | | | | 108 | |
| 12 | CPWD SOR (Elect.) - 20012, Code No.1.30 | Supply and fixing metal box of 180mmx100mmx60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. as required. | Each | | | | 10 | |
| 13 | CPWD SOR (Elect.) - 20012, Code No.1.29 | Supply and fixing metal box of 150 mm X 75 mm X 60 mm deep(nominal Size of phenolic laminated sheet cover in front including providing and fixing 3 pin 5 / 6 amps socket outlet and 5 / 6 Amps piano type switch, connection, painting etc. as required | Each | | | | 5 | |
| 14 | CPWD SOR (Elect.) - Code No.5.4 | Earthing with G.I. earth plate 600 mm x600 mm x 6 mm thick including accessories and providing masonry enclosed with cover plate havinglocking arrangement and watering pipe of 2.7 metre long etc.with charcoal/coke and salt as required. | set | | | | 1 | |
| 15 | CPWD SOR (Elect.)- 20012, Code No. 5.18 | Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/submain wiring/cable as required. | Metre | | | | 10 | |
| 16 | | Miscellaneous including cleaning of rubbish, mending of wall, floor damage etc. | Ls | | | | | |
| | Non SOR | | | | | | | |
| 1 | As per Market Rate | Providing and Fixing 63A,16KA,Three Pole MCCB in existing cubical pannel including drilling holes in cubical panel, making connections, etc. as required | Each | | | | 1 | |
| 2 | As per Market Rate | Enclosure for 63A MCCB of sheet steel, dust protected, dully powder painted. | Each | | | | 1 | |

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| | | | | | | | | |
|---|--------------------|--|-------|--|--|--|---|--|
| 3 | As per Market Rate | Supply & fixing enclosure for 40 amp and 25 amp DP, MCB as an outgoing distribution board of sheet steel, dust protected, dully powder painted. | Each | | | | 2 | |
| 4 | As per Market Rate | Providing and Fixing 40A,16KA,DP MCB in existing cubical panel including ,making connections, etc. as required | Each | | | | 4 | |
| 5 | As per Market Rate | Providing and laying earth connetion from earth electrode with 6 SWG dia G.I. wire in 25 mm dia PVC pipe of medium class from eatrth electrode including connection with G.I thimble, refilling as required. | Metre | | | | 8 | |
| 6 | As per Market Rate | Light Shed | Each | | | | 6 | |

Total Cost of D - Type (Per Qtr.) in ₹ :

Details of Quarter & Cost.

| Sl. No | Type of Qtr. | Total nos of Qtr. | Cost per Qtr. in ₹ | Total Cost for each type of Qtrs. in ₹ |
|---|--------------|-------------------|--------------------|--|
| 1 | A - Type | 1 no. | | |
| 2 | B - Type | 2 nos. | | |
| 3 | C-I, Type | 1 no. | | |
| 4 | D - Type | 2 nos. | | |
| - Total Cost of (A+B+C+D) - Type Qtrs. | | | | |
| - Service Tax | | | | |

Signature of the Contractor / bidder: Dated:

NAME OF THE SIGNATORY IN BLOCK CAPITAL:

Official seal / stamp:



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