

सी एस आई आर-केंद्रों खनन एवं ईंधन अनुसंधान संस्थान, धनबाद  
CSIR-CENTRALINSTITUTE OF MINING & FUEL RESEARCH, DHANBAD  
निविदा आमंत्रण सूचना/NOTICE INVITING TENDER

सं/No.-QP/GE/Elect/495,505,507/17-18

दिनांक/Date: 10.10.2017

केन्द्रीय लोक निर्माण विभाग, राज्य लोकनिर्माण विभाग, एमईएस, पोस्ट, रेलवे रक्षा और अन्य सरकारी विभाग, सीएसआईआर या अन्य कोई सी प्रयोगशाला के साथ पंजीकृत प्रमाणिक सरकारी विद्युत संविदाकार, जिन्होंने पिछले 7 (सात) वर्षों में कम से कम 3 (तीन) समान प्रकृति के कार्य (अनुमानित मूल्य के 40% के समान), या 2 (दो) समान प्रकृति के कार्य (अनुमानित मूल्य के 50% के समान) या 1 (एक) समान प्रकृति के कार्य (अनुमानित मूल्य के 80% बराबर) सफलता पूर्वक संपन्न किया है, से मुहरबंद निविदाएं आमंत्रित की जा रही हैं। Sealed tenders are hereby invited from bonafide Govt. Electrical Contractors registered with CPWD, State PWD, MES, Post, Railways, Defence and other Govt. Department, CSIR or any of its Laboratories who have successfully completed at least 3 (three) similar type works (equal to 40% of the estimated value) or 2 (two) similar type works (equal to 50% of the estimated value) or 1(one) similar type work (equal to 80% of the estimated value) in last 7 (Seven) years.

क्र. Sl.No	कार्य विवरण Description of work	मूल्य (रुप ) Estimated Value (Rs.)	(रुप ) Earnest Money (Rs.)	कार्य पूर्ण Time of completion	निविदा दस्तावेज की (रुप ) Cost of Tender document(Rs.)
1	Repair/ Renovation of electrical wiring /power distribution system of guest house at CIMFR, Digwadih campus.	10,16,201.00	20,324.00	90 दिन	500 .00
2	Replacement of service cable of residential quarters at CIMFR Digwadih campus.	21,01,010.00	42,020.00	120 दिन	500 .00
3	Provision for Lightning Arrestor in Guest House, Hostel & Water Filtration plant and Office building at CIMFR, Digwadih campus.	3,40,573.00	6,811.00	45 दिन	500 .00

निविदा विधिवत रूप में अनुप्रमाणित निम्नलिखित दस्तवेजों प्रमाण प्रस्तुत किया /The following proof of documents duly attested to be submitted along with submission of tender.

- बिजली लाइसेंस /Valid electrical license
- बिक्री (GST) सख्य प्रमाण पत्र कार्ड /GST Registration certificates and PAN card.
- विभाग कार्यकारी किसी अधिकारी, -उल्लेखित मूल्यों कार्य (सहित) प्रमाणपत्र / Completion Certificate of similar type works (including schedule) of values as mentioned above from an officer not below the rank of Executive Engineer of the concerned department.
- निविदा व्यवस्था द्वारा जारी नहीं किए /Tender papers will not be issued by postal arrangement.

निविदाएं निम्नलिखित रूप में प्रस्तुत की हैं Tenders to be submitted as follows

**A. भाग- I (तकनीकी बोली)/Part - I (Technical Bid) में निम्नलिखित दस्तावेज शामिल हैं Consists of following documents**

- / Earnest Money
- उल्लेखित दस्तावेज (1-3) प्रमाण / Proof of documents as mentioned above (1 - 3).

**B. भाग-II / Part - II में निम्नलिखित दस्तावेज शामिल हैं (वाणिज्यिक बोली) Consists of following documents (Commercial Bid)**

- मदों पूर्ण विनिर्देश सहित लागतों, जिसमें विभिन्न करों उपकरणों उल्लेख, सलग्न किया चाहिए / Costing along with full specifications of the items involved in the work including all Taxes & Levies as per different laws.

निविदा प्रपत्र दिनांक 16.10.2017 26.10.2017

[www.cimfr.nic.in](http://www.cimfr.nic.in) में उपलब्ध होगा निविदा दस्तावेज की लागत

के साथ अग्रधन यानि किसी भी राष्ट्रीयकृत अनुसूचित बैंक द्वारा जारी आदाताखाता डिमाण्ड ड्राफ्ट के माध्यम से निदेशक,

स्टेट बैंक ऑफ इंडिया, हीरापुर ( -1670) के खाते में भुगतान /Tender paper will be available from 16.10.17 to 26.10.17 on CIMFR website [www.cimfr.nic.in](http://www.cimfr.nic.in). Cost of Tender Documents will be submitted along with Earnest money separately in the form of Account Payee D.D from any nationalized schedule bank drawn in favour of Director, CIMFR, Dhanbad payable at SBI, Hirapur (Code-1670)

-I -II -अलग मुहरबंद लिफाफों, जिन पर स्पष्ट अक्षरों में तकनीकी ( -I) और वाणिज्यिक बोलों ( - II) , में बंद कर एक अन्य तीसरे मुहर बंद लिफाफे में जमा किया जाना है, जिसके ऊपर स्पष्ट एवं बड़े अक्षरों में कार्य का नाम, निविदादाता का नाम व पता लिखा होना चाहिए तथा इसे प्रशासनिक अधिकारों, सी. डिगवाडीह परिसर कार्यालय में रखे निविदा पेटों में दिनांक 30.10.2017 अपराह्न 3.00 पूर्व जमा किया जा सकता है, जिस पर प्रशासनिक अधिकारों / अनुभाग अधिकारों द्वारा प्राप्त करने की तिथि व समय उल्लिखित हो, निविदा के -1(Technical Bid) उसी दिन को अपराह्न 3.30 बजे निविदादाता या उन के अधिकृत प्रतिनिधियों को उपस्थिति में खोला जाएगा। भाग-II(Commercial bid ) समुचित समबाद के बाद अर्हता प्राप्त निविदादाता या उनके अधिकृत प्रतिनिधियों को उपस्थिति में खोली जाएगी / The Part-I & Part - II are to be individually sealed in separate envelopes super scribed with Technical Bid (Part-I) and Commercial bid (Part-II) are to be put in a 3<sup>rd</sup> envelop which shall also be sealed and super scribed with the name of work in bold letters, address of the depositors and to be dropped in the Tender Box kept in the Office of the Administrative Officer, CIMFR, Digwadih Campus after obtaining date, signature of Administrative Officer/Section Officer on or before 30.10.2017 at 3:00 P.M. and Part-I (Technical Bid) will be opened on the same day at 3:30 P.M. in presence of the intending tenderers or their authorized representatives. Part - II (Commercial bid) will be opened on later stage in presence of the qualified tenderers or their authorized representatives after proper communication.

- बयाना राशि का भुगतान किसी भी राष्ट्रीयकृत अनुसूचित बैंक द्वारा जारी आदाता खाता डिमाण्ड ड्राफ्ट के माध्यम से, जो निदेशक, सीआईएमएफआर धनबाद के स्टेट बैंक ऑफ इंडिया, हीरापुर (कोड-1670) खाते में भुगतान हो, द्वारा किया जा सकेगा। /EARNEST MONEY SHOULD BE DEPOSITED IN THE FORM OF ACCOUNT PAYEE DEMAND DRAFT FROM ANY NATIONALIZED SCHEDULE BANK PAYABLE AT SBI, HIRAPUR (CODE- 1670) DHANBAD IN FAVOUR OF DIRECTOR, CENTRAL INSTITUTE OF MINING & FUEL RESEARCH, DHANBAD.
- अपूर्ण निविदा /देर /हस्त लिखित निविदा/ विलंब से प्राप्त निविदाएँ, साथ ही बिना बयाना राशि के निविदाएँ भी सरसरी तौर पर अस्वीकृत कर दी जाएगी। INCOMPLETE TENDERS/ LATE/ HAND WRITTEN TENDER/ DELAYED TENDERS AS WELL AS TENDERS WITHOUT EARNEST MONEY SHALL BE SUMMARILY REJECTED.
- निदेशक, सीएसआईआर-सीआईएमएफआर, किसी भी निविदा को अंशतः या पूर्णतः स्वीकार करने अथवा सभी को बिना कोई कारण बताए निरस्त करने का अधिकार रखता है। /DIRECTOR, CSIR-CIMFR, RESERVES THE RIGHT OF ACCEPTING ANY TENDER IN PART OR IN FULL OR REJECTING ALL WITHOUT ASSIGNING ANY REASON.
- न्यूनतम बोली लगाने वाले फर्म को कार्यदेश जारी करने से पूर्व नियमानुसार निष्पादन गारंटी राशि जमा करना होगा।/ LOWEST QUOTING FIRM HAS TO SUBMIT PERFORMANCE GUARRANTEE AS PER RULE BEFORE AWARDDING THE JOB.
- आकलन राशि डीएसआर-2014/16 और बाजार दर पर आधारित है।/ ESTIMATE BASED ON DSR - 2014/16 & MARKET RATE.

कार्य निष्पादन के दौरान सीएसआईआर/सीपीडब्ल्यूडी के विनिदेशों का सख्ती से पालन किया जाएगा। / CSIR/ CPWD SPECIFICATION WILL BE FOLLOWED STRICTLY DURING EXECUTION.

Sd/-

Administrative Officer

CSIR-CENTRAL INSTITUTE OF MINING AND FUEL RESEARCH

**Schedule of work**

Name of Work-- Repair/ Renovation of electrical wiring /power distribution system of guest house at CIMFR, Digwadih Campus.

Sl no	Item of work	Quantity	Rate	Per unit	Amount
1	Wiring for light point / fan point /exhaust fan point/call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface/recessed PVC conduit with Modular switch, Modular plate, suitable GI box and earthing the point with 1.5 sq mm FRLS PVC insulated copper conductor single core cable as required, Make –Switch( Anchor/Cona/ Havells /HPL), Wire ( Anchor/ Havells / Finolex/ polycab ) and all other material should be ISI marked. a) Group-C	346 nos		Point	
2	Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connection but excluding modular plate etc as required. (Switch make- Anchor/ Cona/ Havells /HPL and other material ISI marked). a) 5/6 amps switch b) 15/16 amps switch. c) 3 pin5/6 amps socket outlet d) 6 pin 15 Amps socket outlet e) Telephone socket outlet f) TV antenna socket outlet g) Bell push	80 nos 58 nos 80 nos 58 nos 16 nos 17 nos 15 nos		Each Each Each Each Each Each Each	
3	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface/recessed PVC conduit with 2 way Modular switch, Modular plate, suitable GI box and earthing the point with 1.5 sq mm FRLS PVC insulated copper conductor single core cable as required, Make –Switch( Anchor/Cona/ Havells /HPL), Wire ( Anchor/ Havells / Finolex/ polycab ) and all other material should be ISI marked.	18nos		Point	

4	<p>Supplying and fixing following size/ modules GI box along with modular base &amp; cover plate for modular switch in recess etc as required .</p> <p>a) 8 Module (125 mm x 125 mm )  b) 3 Module (100 mm x 75 mm )  c) 4 Module (125 mm x 75 mm )  d) 6 Module (200 mm x 75 mm )  e) 1 or 2 Module (75 mm x 75 mm )</p>	<p>15 nos  20 nos  64 nos  32 nos  75 nos</p>		<p>Each  Each  Each  Each  Each</p>	
5	<p>Supply and fixing DP sheet steel enclose on surface /recess along with 25/32 amps “c” curve, DPMCB complete with connections, testing and commissioning etc. as required. (Make- Anchor/ havells / HPL/ C&amp;S)</p>	<p>6 nos</p>		<p>Each</p>	
6	<p>Supplying and making end termination with brass compression gland and aluminium lugs for 3.5x95sqmm size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. .</p>	<p>1 no</p>		<p>Each</p>	
7	<p>Wiring for circuit / sub main wiring along with earth wire with the following size of FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit as required. (Conductor make- Anchor/ havells / HPL/ polycab)</p> <p>a. 2 x 2.5 sq.mm + 1 x 2.5 sq.mm  b. 2 x 4 sq.mm + 1 x 4 sq.mm  c. 4 x 16 sq.mm + 2 x 16 sq.mm  d) 2 x 1.5 sq.mm + 1 x 1.5 sq.mm  e) 2 x 6 sq.mm + 1 x 6 sq.mm</p>	<p>685 mtrs  1150 mtr  55 mtrs  205 mtrs  88 mtrs</p>		<p>Mtrs  Mtrs  Mtrs  Mtrs  Mtrs</p>	
8	<p>Earthing with copper earth plate 600 mm x 600 mm x 3 mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 mtrs long etc with charcoal and salt as required.</p>	<p>4 nos</p>		<p>Each</p>	
9	<p>Supply &amp; fixing following way horizontal type three pole and neutral , sheet steel MCB distribution board 415 V on surface complete tinned copper, neutral bus bar , earth bar , din bar, interconnections ,powder painted including earthing etc. as required. (but without MCB/ isolator ) Make-Havells/ standerd /C&amp;S/HPL a) 4 way (4+12) Double door.</p>	<p>7 nos</p>		<p>Each</p>	
10	<p>Supply &amp; fixing following way single pole and neutral , sheet steel MCB distribution board 220 V on surface complete tinned copper, neutral bus bar , earth bar , din bar, interconnections ,powder painted including earthing etc. as required. (but without MCB/ isolator) Make-Havells/standerd /C&amp;S/HPL a) 2+ 6way/8way, Double door.</p>	<p>10 nos</p>		<p>Each</p>	
11	<p>Providing and fixing of 4 mm dia copper wire on surface for loop earthing as required.</p>	<p>78 mtrs</p>		<p>Mtrs</p>	

12	Providing, laying and fixing following dia GI pipe( medium class) in ground with GI fitting including trenching (75cm deep) and refilling as required. a ) 50 mm dia	6 mtrs		Mtrs	
13	Supply and fixing 5 A to 32 A, 240 v/415' C 'carve MCB suitable for inductive load of following pole in existing MCBDB complete with connection , testing , and commissioning as required Make-Standard/Havelles/C&S/CG a) Single pole b) Double pole (32A) (2.10.3)	62 nos 10 nos		Each Each	
14	Supply and fixing following rating four pole 415 V isolator in existing MCBDB complete with connection, testing, and commissioning as required. Make-Standard /Havelles/ CG/C&S a) 100 Amps	7 nos		Each	
15	Providing and fixing earth bus of 50mm x5 mm copper strip on surface for connection etc as required. (4 set of 0.5 m each)	2 mtrs		Mtrs	
16	Supplying and fixing stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc as required.	65 nos		Each	
17	Supplying and making end termination with brass compression gland and aluminium lugs for 2x6 sqmm size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.	27 nos		Each	
18	Installation, testing and commissioning of pre-wire, fluorescent fitting / post top lantern type light/ compact fluorescent fitting of all types , compact all accessories and tube etc directly on ceiling/ wall ,including connection with 1.5 sq mm FRLS pvc insulated , copper conductor single core cable and earthing etc as required.	220 nos		Each	
19	Laying and fixing of one number PVC insulated and PVC sheathed/ XLPE power cable of 1.1 KV grade of following size on wall/cable tray surface as required a) above 35sq mm and Up to 95 sq mm(clamp with 25x3mm ms flat clamp).	5 mtrs		Mtrs	
20	a)Installation of exhaust fan in existing opening up to 450 mm sweep, including making good the damage , connection, testing commissioning etc as required . b) Extra for fixing the louvers/Shutter complete with frame for a exhaust fan of all size.	18 nos 18 nos		Each Each	
21	Laying and fixing of one number PVC insulated and PVC sheathed/ XLPE power cable of 1.1 KV grade of following size direct in ground including excavation sand cushioning, protective covering and refilling the trench etc as required.				

	a) 3C X 4/6 sq mm	245 mtrs		Mtrs	
22	Supplying and drawing following pair 0.5 mm dia FRLC PVC insulated annealed copper conductor , unarmored telephone cable in the existing surface/recessed steel/PVC conduit as required.(1.18) (a) 2 pair	135 mtrs		Mtrs	
23	Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and conductor with PVC sheath in the existing surface /recessed steel/PVC conduit required	144 mtrs		Mtrs	
24	Painting of ceiling/ Exhaust fan in installed position with one or more coats of spray painting with synthetic enamel paint of approved brand and manufacture to Give an even shade, including cleaning of surface with detergent etc. as required .	92 nos		Each	
25	Supplying and fixing of following sizes of PVC conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required a) 20 mm b) 25mm	279 mtrs 40 mtrs		Mtrs Mtrs	
26	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in rises, including providing and fixing 3pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required (For light plugs to be used in non residential buildings).	7 nos		Each	
27	Supplying fixing suitable size GI box with modular plate and cover in front of surface or in recess including providing and fixing 6pin 5/6 amps modular socket outlet and 15/16 amps modular switch connection etc. as required.	5 nos		Each	
28	Installation testing and commissioning of ceiling fan including wiring the down rods of standard length (up to 30 cm) with 1.5 sq. mm. FRLS PVC insulated, copper conductor, single core cable, etc. as required	66 nos		Each	
29	Supplying and fixing call bell/buzzer suitable for single phase,230 volts, complete as required	15nos		Each	
30	Extra for fixing the louvers/shutters complete with frame for a exhaust of all sizes	18 nos		Each	

31	Fixing of 200/250 A ,415 V TPN switch fuse unite/3 phase MCBDB on wall including all material as required	02 nos		Each	
32	Supply and fixing of single ph. Electronic motor starter on suitable MS box board for1/ 1.5 Ton air conditioner. (Make-Gelco)	30 nos		Each	
33	Supply and fixing of 32 Amps DP switch with indicator on Suitable MS board & phanolic laminated cover including connection as required.	30 nos		Each	
34	Supply and fixing of Suitable size outdoor cable junction thermoplastic box size 260 mm x 210 mm x 116 mm with suitable Alumium bas bar/ connector & fuse link for 6/4 sq mm size cable in wall / Pole etc as required	15 nos		Each	
35	Dismasting/removing old (up to) 200 A switch/3Phor single Ph MCBDB/fuse DB and cable connection from existing system and deposit in electrical sec.	15 nos		Each	
36	Dismasting/removing of old tube light/ PL fitting/ ceiling fan/exhaust fan from existing system and deposit in electrical sec.	296 nos		Each	
37	Dismasting/removing of existing old wiring including switch board from wall/existing system and deposit in electrical sec.	1500 mtrs		Mtrs	

Total- Rs.

## INSTRUCTION TO BIDDER

1. Tenders are hereby invited for the work of Repair/ **Renovation of electrical wiring /power distribution system of guest house at CIMFR, Digwadih campus,Dhanbad** from contractors of appropriate class of CPWD, Railways, MES, Post & Telegraph Department and/ or from those who have carried out similar works for CSIR and Semi-Govt.Organisations amounting to **Rs 10,16,201.00 (Rupees tan lacs sixteen thousand two hundred one only)** and above. The tenders are required to produce proof of fulfilling these conditions along with latest Income Tax Clearance Certificate/GST.
2. Estimated cost is **Rs 10,16,201.00 (Rupees tan lacs sixteen thousand two hundred one only)** .
3. Time for carrying out the work will be **90 (ninety) days** and the date of commencement shall be reckoned from the tenth day of issue of award letter.
4. Complete Contract documents to be compiled with by the tenderer whose tender may be accepted can be seen at the office of **Elect. Engineering Section, CIMFR, (D C) Dhanbad.**
5. Tenders should be on the specified from (Non-transferable) which may be obtained from the office of **Administrative Officer, CIMFR, Dhanbad during** office hours on payment of **Rs. 500/-**. In case (non-refundable) Those parties who submit their tenders, shall be required to pay the above mentioned amount (*Cost of Tender Documents*) in the form of account payee D.D. drawn in favour of Director, CIMFR, Dhanbad payable at SBI, Hirapur, alongwith their Technical Bid.
6. Tenders should be submitted in double sealed covers superscribed with the name of the work, date and time of opening written both on the inner and outer envelopes. They will be received up to 3.00 P.M. on **30/10/2017** and will be opened at 3.30 P.M. on same day in the office of **Administrative Officer, CIMFR, Digwadih Campus, Dhanbad.**Tenders should be dropped in the tender box before the closing date and time indicated. CIMFR will not be held responsible for delay, loss or non-receipt of application or tender document of either side if sent by post and will not entertain any correspondence in this regard. Tenders sent by Telex/Telegram/Fax/E-mail/Post).
7. The Earnest Money amounting to **Rs. 20,324.00 (Rupees twenty thousand three hundred twenty four only) & cost of tender document Rs. 500.00 (Rupees five hundred only)** as demand draft or pay order of a schedule band and drawn in favour of Director CIMFR, Dhanbad should accompany the tender. Tenders received without earnest money& tender cost will be invalid.
8. The employer does not bind himself to accept the lowest or any tender and reserves to himself the right of accepting the whole or any part of the tenderer shall be bound to perform the same at the rates quoted.
9. Canvassing in connection with the tenders is prohibited and the tenders submitted by the contractor who resort to canvassing are liable for rejection.
10. The tender shall not be permitted to tender for works in the concerned unit of CSIR in which a relative is posted in grade between Controlled of Administration and Junior Engineer, (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or subsequently employed by him and who are relatives as mentioned above.  
**NOTE : A person shall be deemed to be a relative of another if, and only if, (a) they are members of a Hindu undivided family or (b) they are husband and wife or (c) the one is related to the other in the following manner : father's, mother (including step mother), Son (including step son), Son's wife, Daughter (including step daughter), father's father, son's son, Son's son's wife, son's daughter husband, Daughter's husband, Daughter's son. Daughter's son's wife, Daughter's daughter, Daughter's daughter's husband, Brother (including step brother), Brother's wife, Sister (including step sister), Sister's husband.**
11. Tender submitted shall remain valid for 90 days from the date of opening for the purpose of acceptance and award of work, validity beyond 90 days from the date of opening shall be by mutual consent.
12. The tenderer shall quote rates both in figures and words. He shall also work-out the amount for each item or work and write in both figures and words. On check if there are differences between the rates quoted by the tenderer in words and in figures or in the amount worked out by him the following procedure shall be followed:
  - i) When there is a difference between the rates in figures and in words, the rates which correspond to the amounts worked out by the tenderer shall be taken as correct.
  - ii) When the amount of an item is not worked out by the tenderer or it does not correspond with the rate written either in figures or in words, the rate quoted by the tenderer in words shall be taken as correct.



iii) When the rate quoted by tenderer in figures and in words tallies but the amount is not worked out correctly the rate quoted by the tenderer shall be taken as correct and not the amount.

13. The tenderer should see drawings and in case of doubt obtain required particulars, which may in any way influence his tender from the Engineer as no claim whatsoever will be entertained for any alleged ignorance thereof.

14. Before tendering, the tenderer shall inspect the site to fully acquaint himself about the condition in regard to accessibility of site, nature and extent of ground, working condition of site and locality including stacking of materials, Installations of tools and plants (T & P) etc., conditions affecting accommodations and movement of labour etc. required for the satisfactory execution of the work contract. No claim whatsoever on such account shall be entertained by the Employer in any circumstances.

15. Earnest money will be forfeited if the contractor fails to commence the work as per letter of award.

16. Except writing rates and amount, the tenderer should not write any conditions or make any changes, additions, alterations and modifications in the printed form of tenders. Tenderers who are desirous to offer rebate the same should be brought out separately in the covering letter and submitted alongwith the tender.

17. Some of the provisions of General Conditions of Contract are given below. Interpretation however shall be as given in the General Conditions of Contract.

a) DEFECTS LIABILITY PERIOD: TWELVE months from the date of completion as certified by the Employer.

b) MINIMUM VALUE OF WORK FOR THE INTERMEDIATE CERTIFICATE: Rs.----- (Rupees -----). Intermediate certificate for a lesser amount can be admitted for payment at the discretion of the Engineer.

c) SECURITY DEPOSIT : Security deposit shall be deducted from the running bills of 10% of the gross value of work done and measured inclusive of Earnest Money subject to a maximum of Rs. ----- (Rupees -----)

d) COMPENSATION: Contractor shall pay as compensation an amount equal to one percent or such smaller amount as the Employer (whose decision in writing shall be final) may decide on the cost of the whole work shown in the agreement, for every week that the work remains uncommenced or unfinished or due quantity of work remains incomplete after the proper dates. Compensation to be paid shall not exceed ten percent of the estimated cost of work as showing in the agreement.

18. Schedule showing approximate quantity of materials to be supplied by the Employer under Clause: 6 of the General conditions of contract for works contracted to be executed and the rates at which they are to be charged for:

Particulars of materials	Approx. Qty.	Rates at which the material will be charged to the contractor			Place of delivery
		Unit	(Rs.) (Figure)	Rupees (Words)	

19. For all specialist a jobs e .g lights, air conditioning, public address fire protection, security / survelbiance and building management systems, technical(covering also general condition and commercial terms) and financial offers will be given separately in two sealed covers.

Note: The tenderer shall ensure that particulars in the above form are filled in by the Engineer before he submits the tender.

CSIR-CENTRAL INSTITUTE OF MINING AND FUEL RESEARCH

Name of Work:-Provision for Lightning Arrestor in Guest House, Hostel & Water Filtration plant and Office building at CIMFR, Digwadih campus.

Schedule of work

Sl no.	Item of work	Quantity	Rate	Per unit	Amount
1	Providing and fixing of lightning conductor finial, made of 25mm dia 300 mm long, G.I. tube, having single prong at top, with 85 mm dia 6 mm thick G.I. base plate including holes etc. complete as require	41 nos		Each	
2	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or on surface of wall for lightning conductor complete as required.(For horizontal run)	1024 mtrs		Mtrs	
3	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or on surface of wall for lightning conductor complete as required.(For vertical run)	738 mtrs		Mtrs	
4	Providing and fixing testing joint, made of 20 mm X 3 mm thick G.I. strip, 125 mm long, with 4 Nos. of G.I. bolts, nuts, chuck nuts and spring washers etc. complete as required.	263 nos		Each	
5	Earthing with G.I. earth pipe 4.5 meter long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/coke and salt as required.	41 nos		Each	

Total

**Note: - Items are should be ISI marked**

## INSTRUCTION TO BIDDER

1. Tenders are hereby invited for the work of Provision for **Lightning Arrestor in Guest House, Hostel & Water Filtration plant and Office building at CIMFR, Digwadih campus** from contractors of appropriate class of CPWD, Railways, MES, Post & Telegraph Department and/ or from those who have carried, out similar, works for CSIR and Semi-Govt. Organisations amounting to **Rs 3,40,573.00 (Rupees three lacs forty thousand five hundred seventy three only)** and above. The tenders are required to produce proof of fulfilling these conditions along with latest Income Tax Clearance/GST Certificate.

2. Estimated cost is **Rs. 3,40,573.00 (Rupees three lacs forty thousand five hundred seventy three only)**

3. Time for carrying out the work will be **45 (forty five) days** and the date of commencement shall be reckoned from the tenth day of issue of award letter.

4. Complete Contract documents to be compiled with by the tenderer whose tender may be accepted can be seen at the office of **Electrical Engineering Section, CIMFR,(DC) Dhanbad.**

5. Tenders should be on the specified form (Non-transferable) which may be obtained from the office of **Administrative Officer, CIMFR, Dhanbad** during office hours on payment of **Rs. 500/-**. In case (non-refundable) Those parties who submit their tenders, shall be required to pay the above mentioned amount (*Cost of Tender Documents*) in the form of account payee D.D. drawn in favour of Director, CIMFR, Dhanbad payable at SBI, Hirapur, along with their Technical Bid.

6. Tenders should be submitted in double sealed covers superscribed with the name of the work, date and time of opening written both on the inner and outer envelopes. They will be received up to 3.00 P.M. on **30/10/2017** and will be opened at 3.30 P.M. on same day in the office of **Administrative Officer, CIMFR, Digwadih Campus, Dhanbad.** Tenders should be dropped in the tender box before the closing date and time indicated. CIMFR will not be held responsible for delay, loss or non-receipt of application or tender document of either side if sent by post and will not entertain any correspondence in this regard. Tenders sent by Telex/Telegram/Fax/E-mail/Post).

7. The Earnest Money amounting to **Rs. 6,811.00 (Rupees six thousand eight hundred eleven only) & cost of tender document Rs. 500.00 (Rupees five hundred only)** as demand draft or pay order of a schedule bank and drawn in favour of Director CIMFR, Dhanbad should accompany the tender. Tenders received without earnest money & tender cost will be invalid.

8. The employer does not bind himself to accept the lowest or any tender and reserves to himself the right of accepting the whole or any part of the tenderer shall be bound to perform the same at the rates quoted.

9. Canvassing in connection with the tenders is prohibited and the tenders submitted by the contractor who resort to canvassing are liable for rejection.

10. The tender shall not be permitted to tender for works in the concerned unit of CSIR in which a relative is posted in grade between Controlled of Administration and Junior Engineer, (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or subsequently employed by him and who are relatives as mentioned above.

**NOTE : A person shall be deemed to be a relative of another if, and only if, (a) they are members of a Hindu undivided family or (b) they are husband and wife or (c) the one is related to the other in the following manner : father's, mother (including step mother), Son (including step son), Son's wife, Daughter (including step daughter), father's father, son's son, Son's son's wife, son's daughter husband, Daughter's husband, Daughter's son. Daughter's son's wife, Daughter's daughter, Daughter's daughter's husband, Brother (including step brother), Brother's wife, Sister (including step sister), Sister's husband.**

11. Tender submitted shall remain valid for 90 days from the date of opening for the purpose of acceptance and award of work, validity beyond 90 days from the date of opening shall be by mutual consent.

12. The tenderer shall quote rates both in figures and words. He shall also work-out the amount for each item or work and write in both figures and words. On check if there are differences between the rates quoted by the tenderer in words and in figures or in the amount worked out by him the following procedure shall be followed:

i) When there is a difference between the rates in figures and in words, the rates which correspond to the amounts worked out by the tenderer shall be taken as correct.

ii) When the amount of an item is not worked out by the tenderer or it does not correspond with the rate written either in figures or in words, the rate quoted by the tenderer in words shall be taken as correct.

iii) When the rate quoted by tenderer in figures and in words tallies but the amount is not worked out correctly the rate quoted by the tenderer shall be taken as correct and not the amount.

13. The tenderer should see drawings and in case of doubt obtain required particulars, which may in any way influence his tender from the Engineer as no claim whatsoever will be entertained for any alleged ignorance thereof.

14. Before tendering, the tenderer shall inspect the site to fully acquaint himself about the condition in regard to accessibility of site, nature and extent of ground, working condition of site and locality including stacking of materials, Installations of tools and plants (T & P) etc., conditions affecting accommodations and movement of labour etc. required for the satisfactory execution of the work contract. No claim whatsoever on such account shall be entertained by the Employer in any circumstances.

15. Earnest money will be forfeited if the contractor fails to commence the work as per letter of award.

16. Except writing rates and amount, the tenderer should not write any conditions or make any changes, additions, alterations and modifications in the printed form of tenders. Tenderers who are desirous to offer rebate the same should be brought out separately in the covering letter and submitted alongwith the tender.

17. Some of the provisions of General Conditions of Contract are given below. Interpretation however shall be as given in the General Conditions of Contract.

a) DEFECTS LIABILITY PERIOD: TWELVE months from the date of completion as certified by the Employer.

b) MINIMUM VALUE OF WORK FOR THE INTERMEDIATE CERTIFICATE: Rs.----- (Rupees -----). Intermediate certificate for a lesser amount can be admitted for payment at the discretion of the Engineer.

c) SECURITY DEPOSIT : Security deposit shall be deducted from the running bills of 10% of the gross value of work done and measured inclusive of Earnest Money subject to a maximum of Rs. ----- (Rupees -----)

d) COMPENSATION: Contractor shall pay as compensation an amount equal to one percent or such smaller amount as the Employer (whose decision in writing shall be final) may decide on the cost of the whole work shown in the agreement, for every week that the work remains un commenced or unfinished or due quantity of work remains incomplete after the proper dates. Compensation to be paid shall not exceed ten percent of the estimated cost of work as showing in the agreement.

18. Schedule showing approximate quantity of materials to be supplied by the Employer under Clause: 6 of the General conditions of contract for works contracted to be executed and the rates at which they are to be charged for:

Particulars of materials	Approx. Qty.	Rates at which the material will be charged to the contractor			Place of delivery
		Unit	(Rs.) (Figure)	Rupees (Words)	

19. For all specialist a jobs e .g lights, air conditioning, public address fire protection, security / survelbiance and building management systems, technical(covering also general condition and commercial terms) and financial offers will be given separately in two sealed covers.

Note: The tenderer shall ensure that particulars in the above form are filled in by the Engineer before he submits the tender.

CENTRAL INSTITUTE OF MINING AND FUEL RESEARCH (DC)

Name of work- Replacement of service cable of residential quarters at CIMFR, DC

Schedule of work

Sl No.	Item of work	Quantity	Rate	Per unit	Amount
1.	Supply and laying of 1.1 kV grade following size PVC insulated and PVC sheathed armored aluminum power cable direct in ground/wall/pole including excavation ,sand casing and refilling the trench and proper clamping as per CPWD specification(Make-Polycab/gloster)				
	a) 3 C X10 sq. mm	2509 mtrs		Mtrs	
	b) 3 C X16 sq. mm	1048 mtrs		Mtrs	
	c) 3.5C X25 sq. mm	607 mtrs		Mtrs	
2.	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1kV grade as required. ( make- polycab)				
	a) 3 X 10 sq. mm (22mm)	53 nos		Each	
	b) 3 X 16 sq. mm (25mm)	64 nos		Each	
	c) 3.5 X 25 sq. mm (28mm)	14 nos		Each	
3	Supply and fixing of Suitable size cable entry box for up to 35 sq mm size cable to be fitted with up to 32 A ICTPN switch etc as required (Box should be fabricated by 18 SWG steel sheet & painted )	71 nos		Each	
4	Supply and fixing of 32 amps ICDP/ SFU (switch) on wall with proper clamp including connection all material. ( Make- Havells/HPL/Standard )	57 nos		Each	
5	Supply and fixing of 63 amps ICTPN/ SFU (switch) on wall with proper clamp including connection all material.( Make-Havells/HPL/Standard )	14 nos		Each	
6	Supplying and making outdoor end termination with cast resin compound including aluminium lugs and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 kV grade as required. ( make- polycab/ cab seal/m seal )				
	a) 3 X 10/16 sq. mm	64 nos		Each	
	b) 3.5 X 35 sq. mm	14 nos		Each	
7	Supplying and fixing of light class G.I. pipe of 50 mm dia. (nominal) 3 meter length along the pole for protection of under ground cable as required. ( make -tata/sail)	122 nos		Each	
8	Supplying and fixing of light class G.I. pipe of 80 mm dia. (nominal) 3 meter length along the pole for protection of under ground cable as required. ( make -tata/sail)	24 nos		Each	
9	Providing, laying and fixing following dia G.I. pipe ( tata/sail) medium class)in ground complete with G.I. fittings including trenching (75 cm deep) and re-filling etc. as required				
	a) 50 mm dia	150 mtrs		Mtrs	
	b) 80 mm dia	90 mtrs		Mtrs	

Total Rs.

## INSTRUCTION TO BIDDER

1. Tenders are hereby invited for the work of Replacement of **service cable of residential quarters at CIMFR, DC Dhanbad** from contractors of appropriate class of CPWD, Railways, MES, Post & Telegraph Department and/ or from those who have carried out similar works for CSIR and Semi-Govt. Organisations amounting to **Rs 21,01,010.00 (Rupees twenty one lacs one thousand ten only)** and above. The tenders are required to produce proof of fulfilling these conditions along with latest Income Tax Clearance Certificat.
2. Estimated cost is **Rs. 21,01,010.00 ( Rupees twenty one lacs one thousand ten only)**
3. Time for carrying out the work will be **120 (one hundred twenty) days** and the date of commencement shall be reckoned from the tenth day of issue of award letter.
4. Complete Contract documents to be compiled with by the tenderer whose tender may be accepted can be seen at the office of **Elect Engineering Section, CIMFR, (D C) Dhanbad.**
5. Tenders should be on the specified from (Non-transferable) which may be obtained from the office of **Administrative Officer, CIMFR, Dhanbad** during office hours on payment of **Rs. 500/-**. In case (non-refundable) Those parties who submit their tenders, shall be required to pay the above mentioned amount (Cost of Tender Documents) in the form of account payee D.D. drawn in favour of Director, CIMFR, Dhanbad payable at SBI, Hirapur, alongwith their Technical Bid.
6. Tenders should be submitted in double sealed covers superscribed with the name of the work, date and time of opening written both on the inner and outer envelopes. They will be received up to 3.00 P.M. on **30/10/2017** and will be opened at 3.30 P.M. on same day in the office of **Administrative Officer, CIMFR, Digwadih Campus Dhanbad.** Tenders should be dropped in the tender box before the closing date and time indicated. CIMFR will not be held responsible for delay, loss or non-receipt of application or tender document of either side if sent by post and will not entertain any correspondence in this regard. Tenders sent by Telex/Telegram/Fax/E-mail/Post).
7. The Earnest Money amounting to **Rs. 42,020.00 (Rupees forty two thousand twenty only) & cost of tender document Rs. 500.00 (Rupees five hundred only)** as demand draft or pay order of a schedule band and drawn in favour of Director CIMFR, Dhanbad should accompany the tender. Tenders received without earnest money& tender cost will be invalid.
8. The employer does not bind himself to accept the lowest or any tender and reserves to himself the right of accepting the whole or any part of the tenderer shall be bound to perform the same at the rates quoted.
9. Canvassing in connection with the tenders is prohibited and the tenders submitted by the contractor who resort to canvassing are liable for rejection.
10. The tender shall not be permitted to tender for works in the concerned unit of CSIR in which a relative is posted in grade between Controlled of Administration and Junior Engineer, (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or subsequently employed by him and who are relatives as mentioned above.

**NOTE : A person shall be deemed to be a relative of another if, and only if, (a) they are members of a Hindu undivided family or (b) they are husband and wife or (c) the one is related to the other in the following manner : father's, mother (including step mother), Son (including step son), Son's wife, Daughter (including step daughter), father's father, son's son, Son's son's wife, son's daughter husband, Daughter's husband, Daughter's son. Daughter's son's wife, Daughter's daughter, Daughter's daughter's husband, Brother (including step brother), Brother's wife, Sister (including step sister), Sister's husband.**

11. Tender submitted shall remain valid for 90 days from the date of opening for the purpose of acceptance and award of work, validity beyond 90 days from the date of opening shall be by mutual consent.
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  - ii) When the amount of an item is not worked out by the tenderer or it does not correspond with the rate written either in figures or in words, the rate quoted by the tenderer in words shall be taken as correct.

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b) MINIMUM VALUE OF WORK FOR THE INTERMEDIATE CERTIFICATE: Rs.----- (Rupees -----). Intermediate certificate for a lesser amount can be admitted for payment at the discretion of the Engineer.

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19. For all specialist a jobs e .g lights, air conditioning, public address fire protection, security / survelbiance and building management systems, technical(covering also general condition and commercial terms) and financial offers will be given separately in two sealed covers.

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