



ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR
OFFICE OF
THE EXECUTIVE ENGINEER
PROJECT CELL AIIMS, RAIPUR

NOTICE INVITING e-TENDER

N.I.T. NO. 46/EE/AIIMS/RPR/2018-19

Date – 04-02-2019

NAME OF WORK: - “Annual Operation and Maintenance works at AIIMS Residential campus, Kabir Nagar, Raipur (C.G.)”

Sub Head: Day to day Operation, Maintenance & AMC of Sub Station, DG Set, Pump, Sewage Treatment Plant, Special repair, One Time Repair and Annual Maintenance work.

ESTIMATED COST

PUT TO TENDER: Rs.51, 09,628/-

EARNEST MONEY: Rs.1,03,000/-

CONTRACT PERIOD: Twelve (12) Months

Consultant (Electrical)
AIIMS, Raipur

Junior Engineer (Electrical)
AIIMS, Raipur

Executive Engineer (Civil)
AIIMS, RAIPUR

Project Cell, AIIMS, Raipur

Name of Work: - **“Annual Operation and Maintenance works at AIIMS Residential campus, Kabir Nagar, Raipur (C.G.)”**

SH: Day to day Operation, Maintenance & AMC of Sub Station, DG Set, Pump, Sewage Treatment Plant, Special repair, One Time Repair and Annual Maintenance work.

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ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR
NOTICE INVITING e-TENDER

| | | |
|-----|--|--|
| (a) | Name of Work | “Annual Operation and Maintenance works at AIIMS Residential campus, Kabir Nagar, Raipur (C.G.)” SH: Day to day Operation, Maintenance & AMC of Sub Station, DG Set, Pump, Sewage Treatment Plant, Special repair, One Time Repair and Annual Maintenance work. |
| (b) | Tender No. | 46/EE/AIIMS/2018-19 |
| (c) | Contract Period | 01 (One) Year & Extendable up to 01 (One) year with Mutual Consent. |
| (d) | Estimated Cost | Rs.51, 09,628/- |
| (e) | Earnest Money Deposit (EMD) | Rs. 1,03,000/- (to be submitted in the form of DD/FDR/BG) in favour of AIIMS, Raipur |
| (f) | Performance Guarantee | 5% of Tendered value. |
| (g) | Security Deposit | 2.5% of the Tendered Value. |
| (h) | Tender documents will be Seen | Tender document may be downloaded from AIIMS web site www.aiimsraipur.edu.in (for reference only) and CPPP site https://eprocure.gov.in/eprocure/app |
| (j) | Last Date & Time of Submission | By 14th February 2019 at 1400 Hours through online. |
| (k) | Date & Time for opening of Technical Bid | On 15th February 2019 at 1530 Hours. |
| (l) | Opening of Online Financial Bids | On 15th February 2019 at 1530 Hours. |

- The time of submission of Tender is 14th February by 1400 Hours. The indenting Bidder must read the Terms & conditions of AIIMS, Raipur carefully. He/They should only submit his/her/their bid if he/she/they consider himself/themselves eligible and he/she/they is/are in possession of all the documents required.
- Information and Instructions for bidders posted on website shall form part of bid document.
- The Bid documents consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms & conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website www.aiimsraipur.edu.in Or <https://eprocure.gov.in/eprocure/app>.

Executive Engineer (E-I/C)
AIIMS, Raipur

INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING

The Executive Engineer (E-I/C), AIIMS, Raipur invites on behalf of Director, AIIMS, Raipur, Item Rate Tender from firms/contractor of repute in **Single Bid system (Technical & Financial respectively)** from approved/registered and eligible contractors of CPWD, MES, BSNL, State PWD like and other eligible firms having successfully completed works of similar nature as per eligibility condition for the following works :-

| S. No. | Description | Details |
|--------|---|--|
| (a) | NIT No. | 46/EE/AIIMS/RPR/2018-19 |
| (b) | Name of Work: | “Annual Operation and Maintenance works at AIIMS Residential campus, Kabir Nagar, Raipur (C.G.)” SH: Day to day Operation, Maintenance & AMC of Sub Station, DG Set, Pump, Sewage Treatment Plant, Special repair, One Time Repair and Annual Maintenance work. |
| (c) | Estimated Cost | Rs.51, 09,628/- (RUPEES FIFTY ONE LAKHS NINE THOUSAND SIX HUNDRED TWENTY EIGHT ONLY) |
| (d) | Earnest Money | Rs. 1,03,000/- (Rupees ONE LAKH TWO THOUSAND ONE HUNDRED NINETY THREE only) |
| (e) | Period of Completion | 01 (One) Year & Extendable up to 01 (One) year with Mutual Consent. |
| (f) | Last date and time of online submission of tender | By 14th February 2019 at 1400 Hours through online. |
| (g) | Time and date of online opening of Technical Bid | On 15th February 2019 at 1530 Hours. |
| (h) | Time and date of opening of Online Financial Bids | On 15th February 2019 at 1530 Hours. |
| (j) | Period during which hard copies of EMD (in Original), Registration Certificates, Undertaking and other Documents to be submitted to Division office by the Bidders for reference. However the Eligibility will be considered as per uploaded documents. | To be submitted during Office hours within 03 (Three) Days from the date of opening of Technical & Financial Bid. In case the last day happens to be closed holidays, these Documents shall be submitted on the next working day. |

1. The intending bidder must read the terms and conditions of Tender document carefully. He should submit his bid if he considers himself eligible and he is in possession of all the certificates / documents required.
2. Information and Instructions for bidders for e-tendering posted on website shall form part of bid document.
3. The bid document consisting of NIT, plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from <https://eprocure.gov.in/eprocure/app> or www.aiimsraipur.edu.in free of cost.

4. For e-tendering of this tender, downloaded from AIIMS Raipur website and Central Public Procurement Portal (CPPP) e-Procurement website. Intending bidders shall have to register at CPPP portal to participate in the tendering process. For details kindly visit website <http://https://eprocure.gov.in/eprocure/app> or In case the bidder requires any elucidation regarding the tender documents, they are requested to contact to the office of Executive Engineer, AIIMS Raipur through e-mail: ee.civil@aiimsraipur.edu.in before the opening of tender date.

5. The intending bidders must have valid class-III digital signature to submit the bid. Manual bid shall not be accepted in any circumstance. The complete bidding process is online bidding; Bidder should be possession of valid digital Signature Certificate (DSC) for online submission of bids. Prior to bidding DSC need to be registered on the website mentioned above.

6. Tenderers are advised to follow the instructions provided in the 'Instructions to the Tenderer for the e-submission of the bids online through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app>.

7. The bid can be submitted only after uploading the mandatory scanned documents up to 100 dpi Copies of eligibility documents and EMD as specified in the notice inviting tender shall be scanned and uploaded on the e-tendering website within the period of tender submission. Bidders can upload documents in the form of JPG format, PDF format and any other format as permissible by the e-tendering portal.

8. Bidders must ensure to quote rate of each item. if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).After submission of the bid online the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.

9. After submission of bid online, it can be revised any number of times before specified time on last date of submission of bid. While submitting the revised bid, bidder can revise the rate of one or more item(s) any number of times (need not re-enter rate of all the items) but before last time and date of submission of bid as notified.

10. Financial bids shall be opened online only for bidders for whom EMD and other documents are found in order and who are found to be eligible to bid for work. On opening date the bidder can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.

11. If the contractor is found ineligible after opening of bids, his bid shall become invalid.

12. If any discrepancy is noticed between the eligibility documents as uploaded at the time of submission of bid and hard copies as submitted physically by the bidder, the bid shall become invalid.

13. The Bidders shall have to submit original instrument for EMD and self-certified copies of all the scanned and uploaded documents within 03 (Three) Days in the office of Tender Opening Authority.

List of Eligibility Documents to be scanned and uploaded within the period of bid submission: -

- (a) Scanned copy must be uploaded for Demand Draft of any scheduled Bank against EMD in favour of AIIMS, Raipur.
 - (b) Appendix 'A to C' duly filled in (Pages 11 & 12 ref.) and signed.
 - (c) Certificates of Work Experience & Completion Certificate of Similar Work from Client not below the Rank of Executive Engineer, as mentioned in Sl. No. - 4, Page No. - 8 refers under Eligibility Criteria.
 - (d) Certificate of Registration for GST and acknowledgement of up to date filed return if required.
 - (e) Declarations to be given by the Tenderers (as per Page 07).
 - (f) Copies of Contractor's Electrical MV or above.
 - (g) Copies of ESI Registration.
 - (h) Copies of EPF Registration.
 - (j) The Bidder should have their Registered Office/Branch in Raipur. If not an Office should be opened in Raipur within 30 (Thirty) Days of the award of Work. Details of Address Proof of Office located at Raipur should be given.
 - (k) Copy of PAN card.
14. Information & Instruction for Contractor will form Part of NIT.

Executive Engineer (E-I/C)
AIIMS, Raipur

DECLARATIONS TO BE GIVEN BY THE TENDERERS

It is to certify that :-

(a) I /We have gone through CPWD W-8 amended up to correction Slip No.6 as available on website <https://eprocure.gov.in/eprocure/app> / www.aiimsraipur.edu.in or in the office of Executive Engineer and I/We agree with the terms and conditions of it and understood that it will form part of the agreement.

Date : _____

Signature of the Tenderer

(b) In case I/we become the Lowest Bidder, Original Instrument for EMD and self-certified copies of other Eligibility Documents shall be deposited by me/us with the Executive Engineer calling the Tender within 01 (One) Week of the opening of financial bid otherwise AIIMS shall reject the bid and also take action to withdraw my/our enlistment/debar me/us from tendering in AIIMS, Raipur.

Date : _____

Signature of the Tenderer

(c) "I,S/o Shri resident of hereby certify that none of my Relative(s) as defined in Paragraph 14 of CPWD W-6 is/are employed in AIIMS Civil Zone, Chhattisgarh. In case at any stage, it is found that the information given by me is false/incorrect, AIIMS shall have the absolute right to take any action as deemed fit without any prior intimation to me".

Date : _____

Signature of the Tenderer

NOTE :- (To be certified by all the partners in case of partnership firms, by all the directors in case of companies).

(d) "I/We undertake and confirm that eligible similar Work(s) has/have not been got executed through another contractor on back to back basis. Further, it is stated that, if such a violation comes to the notice of Department, than I/We shall be debarred for bidding in AIIMS in future forever. Also, if such a violation comes to the notice of AIIMS, Raipur before date of start of work, the Executive Engineer shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee".

Date : _____

Signature of the Tenderer

GENERAL RULES & DIRECTIONS

Executive Engineer (E-I/C), AIIMS, Raipur invites on behalf of Director, AIIMS, Raipur invites Item Rate Tender [in Single Bid system (Technical & Financial)] from Firm/Contractor of reputed/experienced Registered Contractors/Firms in various classes registered with the Dept. of CPWD, MES, BSNL, Chhattisgarh State PWD having successfully completed works of similar nature as per eligibility conditions.

1. Name of Work: “Annual Operation and Maintenance works at AIIMS Residential campus, Kabir Nagar, Raipur (C.G.)”.
(Sub Head : Day to day Operation, Maintenance & AMC of Sub Station, DG Set, Pump, Sewage Treatment Plant, Special repair, One Time Repair and Annual Maintenance work).
2. The work is estimated to cost of Rs.51, 09,628/- The estimate, however, is given merely as a rough guide.
3. Intending Bidder is eligible to submit the bid provided he has experience certificate from the officers not below the rank of Executive Engineer or equivalent.
“The similar work means providing “Day-to-Day maintenance service of Electrical parts of all the institutional & residential buildings”.
4. Eligibility Criteria. Contractor who full fill following requirement shall be eligible to apply:-
 - (a) Three similar works, each of value not less than 40% or Two similar works each of value not less than 60% or one similar work of 80% of estimated cost put to tender in last 07 (Seven) Years up to the date of receipt of tender. The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 07% per annum, calculated from the date of completion to the last date of receipt of tender.
 - (b) Should have average Annual Financial Turnover of Rs 1,00,00,000/- (Rupees ONE CRORE only) during the immediate last 03 (Three) consecutive financial years ending 31st Mar 2018.
 - (c) The Bidder should have registration with Employee Provident Fund (EPF) Commissioner and Employee State Insurance (ESI) Corporation.
 - (d) The bidder should have positive net worth and should not have incurred loss in last 03 (Three) Years ending i.e. by 31st March 2018, duly certified by Chartered Accountant.
 - (e) The experience of similar work should be from Central Govt., State Govt., PSU and Autonomous Body.
 - (f) Agreements shall be drawn with the successful bidders for item/items on prescribed format. Bidders shall quote their rates as per various terms and conditions of the said form which will form part of the agreement.
 - (g) The site for the work is available.
 - (h) The bid document consisting of plans, specifications, the schedule of quantities of the various type of items to be executed and the set of terms & conditions of the contract to be complied with and other necessary documents.
 - (j) The Bidder/Firm should have Electrical (MV/Above) Valid Contractor’s License.
 - (k) Conditional Bids shall not be considered and will be out-richtly rejected at the very first instance.

- (1) The CONTRACT PERIOD for carrying out the work will be One year further extendable to 01 (One) Year with mutual consent from the Date of Start (which shall be reckoned after 10 days of issue of letter of acceptance) or from the First Date of Handing Over of the Site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents. The tender is initially for a period of one year and may be repeated for a further period of 12 Months with mutual consent, on the same Terms and Conditions and Rates.
- (2) Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 8 which is available at the office of EE (PROJECT CELL), AIIMS RAIPUR. Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
- i. General conditions of contract for works in ALL INDIA INSTITUTE OF MEDICAL SCIENCES RAIPUR are also available in the office of S.E. (PROJECT CELL), AIIMS RAIPUR. Contractors should go through the different clauses of “CPWD General Conditions of Contract 2014” corrected up-to-date before quoting the rates.
5. Preparation & Submission of Tender through Online. The Tender should be submitted in 02 (Two) parts i.e. Technical Bid and Financial Bid Respectively. The Technical Bid and Financial Bid should be sent by the Bidder through online for “Annual Operation and Maintenance works at AIIMS Residential campus, Kabir Nagar, Raipur (C.G.)” (Sub Head : Day to day Operation, Maintenance & AMC of Sub Station, DG Set, Pump, Sewage Treatment Plant, Special repair, One Time Repair and Annual Maintenance work.)”
6. Earnest Money Deposit. The bidder shall be required to submit the Earnest Money Deposit (EMD) for an amount of Rs. 1,03,000/- (Rupees ONE LAKH TWO THOUSAND ONE HUNDRED NINETY THREE only) by way of Demand Drafts only. Copy of the Demand Drafts must be uploaded/attached with the Technical Bid. The EMD of the successful Bidder shall be returned after the successful submission of Bank Guarantee/ Security Deposit and for unsuccessful bidder(s) it would be returned after Award of the Contract. Bid(s) received without Demand Drafts of EMD will be rejected.
7. Performance Guarantee. The successful contractor will be required to furnish a Performance guarantee of 5% (Five Percent) of Tendered Value after receiving notification of award in the form of Fixed Deposit Receipt or Bank Guarantee from any Nationalized Bank duly pledged in the name of the "All India Institute of Medical Sciences, Raipur" which shall be kept valid for a period of Six (06) months beyond completion of all the contractual obligations. The security deposit can be forfeited by order of this Institute in the event of any breach or negligence or non-observance of any condition of contract or for unsatisfactory performance or non-observance of any condition of the contract. Performance Security will be discharged after completion of contractor's performance obligations (including Warranty/Guarantee period) under the contract. In case the contractor fails to deposit the said performance guarantee within the period including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with tender shall be returned after receiving the aforesaid performance guarantee.
8. Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost, all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions.
9. The Tender paper/documents can be seen/downloaded from Official website & submitted through Online or Site. For any query, Executive Engineer, Phone : 0771 - 2572929 AIIMS, Raipur, may be contacted.

10. The competent authority on behalf of the Director, AIIMS, Raipur does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidder shall be summarily rejected.

11. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable to rejection.

12. The Competent Authority, The Director, AIIMS, Raipur reserves to himself the right of accepting the whole or any part of the bid and the bidder shall be bound to perform the same at the rate quoted.

13. The contractor shall not be permitted to bid for works in the AIIMS, Raipur responsible for award and execution of contracts, in which his near relative is posted as an officer in any capacity between the grades of Executive Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the AIIMS, Raipur. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.

14. No Engineer of gazetted rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.

15. The bid for the works shall remain open for acceptance for a period of 45 days from the date of opening of bids.

16. This notice inviting bid shall form a part of the contract document. The successful bidder/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of "The Notice Inviting bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and rate quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.

17. List of Documents to be submitted along with the Technical Bid.

- (a) Demand Draft of any scheduled Bank against EMD.
- (b) Form A to C duly filled in.
- (c) Certificates of Work Experience.
- (d) Certificate of Registration for GST and acknowledgement of up to date filed return if required.
- (e) All documents as per Ser. No. 13 (a) to (j) (Page - 06 refers).

Appendix 'A'

FORM FOR FINANCIAL INFORMATION
(Financial Analyses)

Details to be furnished duly supported by figures in Balance Sheet/Profit & Loss Account duly Certified by the Chartered Account, as submitted by the applicant to the Income Tax Department (copies to be attached).

| Ser. No. | Description | 2015-16 | 2016-17 | 2017-18 |
|----------|-------------|---------|---------|---------|
| | | | | |

Note: Gross Annual Turn Over only.

Appendix 'B'

FORM FOR DETAILS OF ALL WORKS OF SIMILAR CLASS
COMPLETED DURING THE LAST SEVEN YEAR

| Sl. No. | Name of Work/Project | Location | Owner or Sponsoring Organization | Cost of Work in Lakhs | Date of Commencement as per Contract | Stipulated date of Completion | Actual date of Completion | Litigation/ Arbitration pending/ In progress with details | Remarks |
|---------|----------------------|----------|----------------------------------|-----------------------|--------------------------------------|-------------------------------|---------------------------|---|---------|
| (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (j) | (k) |
| 1. | | | | | | | | | |
| 2. | | | | | | | | | |
| 3. | | | | | | | | | |
| 4. | | | | | | | | | |
| 5. | | | | | | | | | |

(Authorized Signature of the Bidder with Seal)

FORM FOR DETAILED INFORMATION BY BIDDER

| | |
|--|---|
| Name of Firm/Contractor/Supplier | : |
| Complete Address and Telephone Number | : |
| Name of Proprietor/Partner/Managing Director/Director | : |
| Phone Number | : |
| Mobile Number | : |
| e-Mail ID | : |
| Name and address of service centre nearby Raipur | : |
| Whether the firm is a registered Firm (Yes/No. Attach Copy of Certificate) | : |
| PAN Number. (enclose the attested copy of PAN Card) | : |
| Service Tax Number. (enclose the attested copy of VAT Certificate) | : |
| GST Number (enclose the attested copy of VAT Certificate) | : |
| Whether the firm has Uploaded the Bank Draft/Pay Order/ Banker's Cheque of Earnest Money Deposit (EMD). | : |
| Whether the Firm/Agency as signed each and every page of Tender/NIT | : |
| EPF No. (Enclose the attested copy of EPF Registration Certificate) | : |
| ESI Code. | : |
| Any other information, if necessary. | : |

(Authorized Signature of the Bidder with Seal)

All India Institute of Medical Sciences
Project Cell, Raipur (Chhattisgarh)-492099
www.aiimsraipur.edu.in

Percentage Rate Tender / Item Rate Tender & Contract for Works

E-Tender for the work of: “Annual Operation and Maintenance works at AIIMS Residential campus, Kabir Nagar, Raipur (C.G.)”

SH: Day to day Operation, Maintenance & AMC of Sub Station, DG Set, Pump, Sewage Treatment Plant, Special repair, One Time Repair and Annual Maintenance work.

- (a) Time and date of online Opening of Technical Bids. : 15th February 2019 at 1530 Hours.
- (b) Time and date of opening of Online Financial Bids. : 15th February 2019 at 1530 Hours.

TENDER

I/We have read and examined the notice inviting tender, schedule along with Appendices 'A' to 'D' as per Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, Clauses of Contract, Special Conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

A sum of Rs. 1,03,000/- (Rupees One Lakh Two Thousand One Hundred Ninety Three Only) is hereby forwarded in Bank Guarantee of scheduled Bank/Demand Draft of a scheduled Bank/Bank Guarantee issued by a scheduled Bank as Earnest Money. If I/We, fail to furnish the prescribed Performance Guarantee within prescribed period. I/We agree that the said Director, AIIMS, Raipur or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that Director, AIIMS, Raipur or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said performance guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in the tender form. Further, I/We agree that in case of forfeiture of Earnest Money & Performance Guarantee as aforesaid. I/We shall be debarred for participation in the retendering process of the work.

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of AIIMS, Raipur, then I/We shall be debarred for tendering in AIIMS, Raipur in future forever. Also, if such a violation comes to the notice of AIIMS, Raipur before date of start of work, the Administrative Officer shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived there from to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated : * _____

Signature of Contractor
with full Postal Address

Witness : *

Address : *
(* To be filled in by the Contractor.)

Occupation : *

GENERAL, PARTICULAR & ADDITIONAL CONDITIONS OF CONTRACT

A. GENERAL CONDITIONS (ELECTRICAL WORKS).

1. Name of Work : “Annual Operation and Maintenance works at AIIMS Residential campus, Kabir Nagar, Raipur (C.G.)”
SH: Day to day Operation, Maintenance & AMC of Sub Station, DG Set, Pump, Sewage Treatment Plant, Special repair, One Time Repair and Annual Maintenance work.
2. For all items of Electrical; CPWD specifications with correction slips up to the date of receipt of tender shall be followed. For the items which are not covered under CPWD specifications; the special conditions /B.I.S. specifications shall apply. In this regard the decision of Engineer-in-charge shall be final.
3. Wherever any reference is made of any Indian Standard, it shall be taken as reference to the latest edition with all amendments / revision issued thereto up to the date of receipt of tenders.
4. Unless otherwise specified, the agreement rates for all items of work of the schedule of quantities are for all heights, depths, leads and lifts involved in the execution of work.
5. Other agencies working at site will also simultaneously execute the work entrusted to them and the contractor shall offer necessary co-operation wherever required to other agencies.
6. On account of security consideration, there could be some restrictions on the working hours, movement of vehicles for transportation of materials. The contractor shall be bound to follow all such restrictions and adjust the program for execution accordingly, for which nothing extra shall be paid.
7. The work shall be carried out in a manner complying in all respects with the requirements of relevant bye laws of the local bodies, Labour Laws, minimum wages act, workmen compensation act and other statutory laws enacted by Central Govt. as well as State Govt.
8. All melba/rubbish/silt/waste, garbage etc. generated due to any operation from buildings/houses/hostels and other open spaces whatsoever shall be disposed off on daily basis by the contractor to the specified common disposal point. After the collection of full truck load of the said Melba (approx. 4.5 cubic meters), the same shall be disposed off by the contractor to the authorized municipal dumping ground and nothing extra shall be paid on this account. In case of non-removal/disposal in the specified period, a Compensation of Rs. 1,000/- (Rupee ONE THOUSAND only) per day shall be recovered from the contractor.
9. No residential accommodation shall be provided to any of the staff engaged by the contractor. The contractor shall not be allowed to erect any temporary set up for staff in the campus.
10. No claims of the labours shall be entertained by the Department including that of providing employment, regularization of services etc.
11. Complaint register, attendance register and other records will have to be produced either daily according to the requirement or when asked to do so by the Engineer-in-charge or his authorized representative.

12. When a register gets completed, it will be handed over to the concerned J.E./A.E. It will not be returned to the contractor and the same will remain the property of the department.

13. All required register will be issued by Engineer-in-Charge/Executive Engineer duly marked in chronological order but the contractor will have to arrange all such registers/stationery etc. Nothing extra shall be paid on this account.

14. The contractor will have to arrange all the required Computer, furniture etc. at his own cost pertaining to his job and he will take all these things back only after the expiry of the agreement for which nothing extra shall be paid.

15. The contractor shall take immediate action to attend any complaint assigned to him through site order book/verbal instructions from Engineer-in-Charge or his Representative on telephones from occupants. In all cases he shall attend the complaints in the specified duration as mentioned below: -

(a) Emergent complaints - Complaints of emergent nature of plumbing and electrical system like no water drain blocked etc. shall have to be attended immediately within 6 hours.

(b) Normal complaints - Complaints relating to the trades of mason, carpenter/painter shall have to be attended within 72 hours.

In case of failure to meet these deadlines a lump sum amount of Rs. 1,000/- (Rupees ONE THOUSAND only) per complaint per day will be recovered from his bills. One default shall be treated as one complaint. This shall be without prejudice to other remedies available to Engineer-In-charge under this contract to take action against the contractor.

16. The personnel and labourers engaged by the contractor under this contract shall wear neat and clean uniforms as approved by the Engineer-in-charge along with name badges. An identity card duly countersigned by Engineer-in-charge or his representative shall be issued to each personnel by the contractor to have proper identifications. The character and antecedents of the staff employed by the contractor shall be got verified from the police by the contractor.

17. The contractor shall have registration with Employee's Provident Fund commissioner and Employee's state Insurance Corporation for safe guarding interest of his workmen. He shall obtain all other necessary approvals from statutory bodies as per law in vogue.

18. All T&P, scaffoldings, ladders/Hydra etc, instruments/meters for maintenance, consumable and Contingent Articles required for execution of the work shall be arranged by the contractor.

19. Staff employed by the contractor should be well behaved, Polite & courteous. Any complaint against staff on behavior should be taken very seriously and such staff should be removed by the contractor immediately from the site and replacement shall be provided immediately.

20. All dismantled material will be removed from site by contractor after verification of measurement of the same by JE.

21. The contractor shall make all safety arrangement required for the labour engaged by him at his own cost. All consequences due to negligence or due to lapse of security/safety or otherwise shall remain with the contractor. The department shall not be responsible for any mishap, injury, accident or death of the contractor's staff. No claim in this regard shall be entertained / accepted by the department. Also Contractor is responsible to the damage caused to any man/material other than his team during execution and AIIMS will not be responsible for that.

22. Contractor shall be fully responsible for any damages caused to govt. property or allotter's property by his or his labour in carrying out the work and shall be rectified by the contractor at his own cost.
23. GST and other Taxes as applicable shall be recovered/ paid from the contractor's bill as per Govt. of India/AIIMS Rules. GST amount will be reimbursed only after submission of GST deposition proof.
24. Chases, holes & drilling works etc. shall be done using power operated tools in the cost of Contract. No extra will be paid for the same.
25. For non-compliance or partial compliance of satisfactory execution of items, the Engineer-in-charge reserves his rights to levy compensation in accordance with the scale of non-conformity and the period for which this non-conformity continues. However, the total amount of this compensation for the whole contract shall not exceed 10% of the tendered value of this contract. This shall be without prejudice to other remedies available to Engineer-in-charge under this contract to take action against the contractor.
26. Each worker shall maintain a complaint diary and get the feedback recorded from the allottee's regarding attending the complaint. In case, it is found that the complaint has been attended unsatisfactorily, it will be considered as unattended. List of such complaints shall be submitted to the Engineer-in-Charge or his representative on daily basis.
27. The contractor or his engineer at the service centre shall maintain complaint register for recording the complaints.
28. Required Space will be handed over to the contractor free of cost by the department; for receiving the complaints and for the engineer engaged by him.
29. The agency shall restore back the premises and other articles provided by the department to the department at the time of closure of the contract.
30. In the case of discrepancy between the schedule of quantities, the Specifications and/or the Drawings, the following order of preference shall be observed :-
- (a) Description of schedule of quantities.
 - (b) Additional specifications and special conditions, if any.
 - (c) Contract clauses of General conditions of contract for Central P.W.D. works. (iv) CPWD specifications.
 - (d) Architectural drawings.
 - (e) Indian standards specifications/BIS. (vii) Sound engineering practice. Any reference made to any Indian standards specifications in these documents, shall imply to the latest version of that standard, including such revisions/amendments as issued by the Bureau of Indian Standards up to last date of receipt of tenders. The contractor shall keep at his own cost all such publications of relevant Indian Standards applicable to the work at site.

31. The contractor will maintain attendance records of the staff, which will be checked by the Junior Engineer/Assistant Engineer/Executive Engineer/Engineer-in-charge of the work. In case of absence of any staff, recovery shall be made at the following rates :-

- (a) Skilled Labour @ Rs. 1,000/- per day per person.
- (b) Unskilled Labour @ Rs. 700/- per day per person.

32. The contractor and /or his authorized agent should see the site order book every day and get the compliance of instruction given by the JE/AE/Engineer-in-charge(E-I/C) as per time schedule.

33. All the melba or rubbish obtained from dismantling or otherwise during the execution of the work shall be brought down through the staircase and shall not be thrown to the ground directly from first floor or second floor etc. this shall be carried and stacked properly to the specified common disposal point on the same day and site shall be left clear as per the instructions of the Engineer-in-charge. A compensation of Rs. 100/- shall be recovered from the contractor for each complaint/default.

34. The contractor will not pitch up tents for labourers, materials and his stores etc.

35. No permanently / temporary huts / structures shall be constructed by the contractor at the site of work or at any government land / premises. Such structures, if any, found at the site or at AIIMS, Raipur land shall be demolished and removed at the cost of the agency without any notice.

36. Any damage to the building structure, fittings or any other articles etc. done by the contractor or his workman during the execution of the work shall be made good by the contractor at his own cost.

37. The contractor shall clear the site properly after the completion of the work.

38. The labour engaged for attending complaints shall carry necessary tool kit, container (Tasla), required for mixing any cement sand or other material and should carry with water bottle and waste bag for collection of minor rubbish material if received during attending the complaints, so that the site of work shall remain neat and clean.

39. Major / Minor complaint shall be decided by the Engineer-in-charge or his representative. The decision of Engineer-in-charge shall be final & binding.

40. The Agency shall be solely responsible for compliance to the provisions of various Labour and industrial laws, such as, wages, allowances, compensations, EPF, Bonus, Gratuity, ESI etc. relating to personnel deployed by it at AIIMS, Raipur site or for any accident caused to them and the institute shall not be liable to bear any expense in this regard. The Agency shall make payment of wages to workers engaged by it by the stipulated date irrespective of any delay in settlement of its bill by AIIMS, Raipur for whatever reason. The Agency shall also be responsible for the insurance of its personnel. The Agency shall specifically ensure compliance of various Laws / Acts, including but not limited to with the following and their re-enactments / amendments / modifications :-

- (a) The Payment of Wages Act 1936.
- (b) The Employees Provident Fund & MP Act, 1952.
- (c) The Contract Labour (Regulation) Act, 1970.
- (d) The Payment of Bonus Act, 1965.
- (e) The Payment of Gratuity Act, 1972.
- (f) The Employees State Insurance Act, 1948.
- (g) The Employment of Children Act, 1938.
- (h) The Motor Vehicle Act, 1988.
- (j) Minimum Wages Act, 1948.

41. Breach of Terms and Conditions. Noncompliance of any terms and conditions enumerated in the contract shall be treated as breach of contract. Or In Case of breach of any terms and conditions as mentioned above, the Competent Authority, will have the right to reject the bid at any stage without assigning any reason thereof and nothing will be payable by AIIMS, Raipur in that event the EMD shall also stands forfeited.

42. Termination of Contract. AIIMS, Raipur would have the right to terminate the contract by giving one month's notice before the expiry of the term, in case the work performance is not up to the standard, or in case there is any violation of AIIMS, Raipur rules & regulations, or if there is any lapse in compliance of any labour legislation, or if there is any incident of indiscipline on the part of the Tenderer or his staff and the agreement may be terminated by either party by giving one month's notice to the institution. The decision of AIIMS, Raipur's management in this regard would be final and binding on the Tenderer. In such an event, AIIMS, Raipur shall have the right to engage any other tenderer to carry out the task.

43. Arbitration. The Arbitration shall be held in accordance with the provision of the Arbitration and conciliations Act, 1996 and the venue of arbitration shall be at Raipur. The decision of the Arbitrator shall be final and binding on the both parties.

44. Dispute Settlement. It is mutually agreed that all differences and disputes arising out of or in connection with this agreements shall be settled by mutual discussions and negotiations if such disputes and differences cannot be settled and resolved by discussions and negotiations then the same shall be referred to the sole Arbitrator appointed by the Director, AIIMS, RAIPUR whose decision shall be final and binding on both the parties. The contract shall be governed by laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such commercial dealings/ processing.

45. Guidelines issued by Hon'ble National Green Tribunal in O.A. No. 21 of 2015 and O.A. No. 95 of 2014 in the matter of Vardhaman Kaushik Vs. Union of India & other and Sanjay Kulshreshtha Vs Union of India & ors : Air Pollution of Dust from Construction and Demolition activity reg. issued vide letter No. DPCC/EIA/Ref-001 to 172/NGT-21/2015/225-408 dt. 17/04/2015 shall be complied by the Bidders.

46. The Lowest Bidder will be decided as per the Commutation Rates quoted by the Bidder for individual item.

47. Payment will be made on Monthly basis after due Certification of the Bills by the Representative of Engineer-in-Charge.

Executive Engineer (E-I/C)
AIIMS, Raipur

PARTICULAR CONDITIONS OF CONTRACT

The Contractor will be responsible for day to day operation & Maintenance, inspection, rectification of following:

- Operation and Maintenance of 33kV Sub-Station, 33kV AB Switch, DG Sets, pumps, Sewage Treatment Plant and other related Electrical Work.

The following types of Works are included in the contract.

- A. Day to Day Maintenance – It shall consist of the following operations:
 - a. Receiving, recording, distributing, inspection & updating the day to day complaints at Service Centre/Substation/STP.
 - b. Attending the daily complaints with required labour by providing material etc.
 - c. Monitoring of receipt, distribution, attending the complaints as required including keeping a record of the attended complaints
 - d. Other misc. operations as referred in schedule of quantity for day to day maintenance.
 - h. Preventive maintenance of permanent buildings and services including associated utilities and services like, Electrical, STP, etc.
 - i. Operation and maintenance of various service system requiring regular/periodic operation for all, electrical, STP, Substation, AB Switch etc.
 - j. Other works as per description of item at schedule of quantity /BOQ - Electrical (Annexure-IV) **to be uploaded in the excel format only.**
- B. Annual Repair and Monthly Operations Works:- It shall consist of following annual repair works carried out annually for residential areas as per the Bill of Quantities:-
 - a. Annual maintenance contract with OEM or its authorized representative's equipments and utilities specialized in nature by the agency as approved by Engineer In-Charge.
 - b. Other misc. items as per bill of quantities.
- C. Special Repair Works:- It shall consist of following repair of works.
 - a. Emergency and Special repairs (as decided by Engineer In-charge) to the building and services, as and when required and which includes restoration, repair, up gradation, new work etc. for the building and services.
 - b. Other misc. items as per bill of quantities.
- D. Agency shall obtain Statutory Approvals from the local bodies (such as CSEB department, environment department etc) on behalf of AIIMS, RAIPUR, AIIMS shall provide necessary assistance and documents. Statutory fee if any shall be reimbursed as per actual.
 - 1. Scope of Services to be provided:-

Ensuring Power Supply & Earthing to Incomer of following building

The details of the residential complex to be maintained are as follows:

| Housing Complex for AIIMS like Institution at Raipur (CG) under PMSSY. | | | | | | | |
|--|----------------------|----------------------------|---------------|-------------|-------|----------------|--------------------|
| Residential Accommodations – 172 DU | | | | | | | |
| Sl.No. | Description of Block | Occupancy & Area Statement | | | | | |
| | | Unit per Block | No. of Blocks | Total Units | Total | Area per Block | Total Area Sq.mtr. |
| Occupancy | | | | | | | |
| 1 | Director's Bungalow | 1 | 1 | 1 | 1 | 301 | 301 |
| 2 | TYPE – I | 12 | 3 | 36 | 36 | 592 | 1776 |
| 3 | TYPE – II | 36 | 2 | 108 | 108 | 2298 | 4596 |
| 4 | TYPE – III | 18 | 1 | 18 | 18 | 1464 | 1464 |
| 5 | TYPE – IV | 21 | 1 | 21 | 21 | 2206 | 2206 |
| 6 | TYPE – V | 24 | 1 | 24 | 24 | 4199 | 4199 |
| 7 | Guest House | 1 | 1 | 1 | – | 650 | 650 |
| TOTAL | | | 10 | 173 | 172 | | 15192 |

ADDITIONAL CONDITIONS (ELECTRICAL WORKS)

1. For all items of electrical; CPWD General Specifications 2013 Vol-I to VII with up to date correction slips issued upto the last date of receipt of tender shall be followed. For the items which are not covered under CPWD specifications and local approved practices and standards; the special conditions/B.I.S. specifications shall apply. In this regard the decision of Engineer In-Charge-in-Charge shall be final.
2. Wherever any reference is made of any Indian Standards, it shall be taken as reference to the latest edition with all amendments/revision issued there upto the date of receipt of tender.
3. Unless otherwise specified, the agreement rates for all items of work of the schedule of quantities are for all heights, depths, leads and lifts involved in the execution of work.
4. The contractor shall make his own arrangements for obtaining electric connection for carrying out any maintenance activity.
5. Other agencies working at site will also simultaneously execute the work entrusted to them and the contractor shall offer necessary co-operation wherever required to other agencies.
6. On account of security consideration, there could be some restrictions on the working hours, movement of vehicles for transportation of materials. The contractor shall be bound of follow all such restrictions and adjust the programme for execution accordingly.
7. The work shall be carried out in a manner complying in all respects with the requirements of relevant byelaws of the local bodies, labour laws, minimum wages act, workmen compensation act and other statutory laws enacted by Central Govt. as well as State Govt.
8. All malba/rubbish/silt/waste/garbage/defective electrical waste etc. generated due to any operation from houses and other open spaces whatsoever shall be disposed off on daily basis by the contractor to the specified common disposal point and nothing extra shall be paid on this account. After the collection of full truck load of the said malba, the same shall be disposed of by the contractor to the authorized municipal dhalao/dumping ground. In case of non-removal/disposal in the specified period, a sum of Rs.1000/- (One Thousand only) per day shall be recovered from the contractor. Electrical scrap will be kept separately and will be dealt as per rules.
9. No residential accommodation shall be provided to any of the staff engaged by the contractor. The contractor shall also not be allowed to erect any temporary set up for residence of his staff in the campus.
10. The Supervisor/Brigade In charge of the Contractor of the agreement shall be present at the site from 9:00 AM to 5:00 PM on all working days and shall carry mobile telephone(s) to enable the Engineer In-Charge to have easy and quick communication. Nothing extra shall be paid to the contractor on this account and his quoted rates for various items under this contract will be inclusive of this obligation. In case of emergency agency should be able to bring more manpower as per requirement.
11. All materials, T & P consumable and contingent articles required for the work shall be arranged by the contractor. Materials used shall be in order of preferences.
 - (i) As per list of approved makes of materials attached.
 - (ii) Under the Nomenclature of the item.
 - (iii) ISI marked.
 - (iv) CPWD specifications.
 - (vi) Direction of the Engineer In-Charge.

Replaced material used shall have same or richer specifications to the original materials and compatible to the work.

12. Staff employed by the contractor shall be well behaved, Polite & courteous. Any complaint against staff on behaviour shall be taken very seriously and such staff shall be replaced by the contractor on demand from Engineer In-Charge. The decision of Engineer In-Charge shall be final and binding in this case. If any employee found drunken to be replaced.
13. The contractor shall make all safety arrangements & proper supervision required for the labour engaged by him at his own cost. If any person found unsafe practice at site will be penalized for Rs.500per act. All consequences due to negligence or due to lapse of security/safety or otherwise shall remain with the contractor. The Employer shall not be responsible for any mishap, injury, accident or death of the contractor's staff. No claim in this regard shall be entertained /accepted by the Employer/Engineer In-Charge.
14. Contractor shall be fully responsible for any damages caused to any property or allotted property by him or his labour in carrying out the work and the same shall be rectified by the contractor at his own cost.
15. Income Tax/other taxes as applicable shall be recovered from the contractor's bill. Labour cess shall be withhold from the running bill of contractor and will be released after submission of labour cess deposit challan.
16. Chases, holes & drilling works etc. shall be done using only power operated tools.
17. For non-compliance or partial compliance of satisfactory execution of items, the Engineer In-Charge reserves his rights to levy compensation in accordance with the scale of non-conformity and the reserves his rights to levy compensations in accordance with the scale of non-conformity and the period for which this non-conformity continues. However the total amount of this compensation for the whole contract shall not exceed 10% of the Contract value of this contract. This shall be without prejudice to other remedies available to Engineer In-Charge under this contract to take action against the contractor.
18. In the case of discrepancy between the Bill of Quantities, the specifications and/or the Drawings, the following order of preferences shall be observed:-
 - (i) Description of Schedule of Quantities
 - (ii) Additional specifications and special conditions, if any.
 - (iii) Contract clauses of General conditions of contract.
 - (iv) CPWD specifications.
 - (v) Architectural drawings.
 - (vi) Indian standards specification/BIS.
 - (vii) Sound Engineer In-Charging practice or manufacturers' specifications.

Any references made to any Indian standards specifications in these shall imply to the latest version of that standard, including such revisions/amendments as issued by the Bureau of Indian standards up to last date of receipt of tenders. The contractor shall keep at his own cost all such publications of relevant Indian standards applicable to the work at site.

19. Vacant quarters will not be allowed to be occupied or used by contractor's staff/his workers.
20. The contractor shall have to carry out the work other than day to day maintenance according to programme given by the Engineer In-Charge or his representative. The contractor shall depute his representative/supervisor daily to the site of work. His name and signature shall be attested by the contractor for record in the department.
21. The quarters/flats and portions of quarters/flats where the work is to be executed on any day shall be got approved from the representative of Engineer In-Charge at the site of work in writing. No work shall be carried out in any quarters/flats without the approval of the representative of the Engineer In-Charge.

22. Any special work carried out without the approval of the representative of the Engineer In-Charge at the site of work shall be rejected and will not be measured and paid for.
23. The material shall be used within its shelf-life as prescribed by the manufacturer. Any material which has out lived its life shall not be permitted to be used in the work and removed immediately from the site. The decision of the Engineer In-Charge shall be final & binding.
24. Deleted
25. Nothing extra shall be paid to the contractor for excess consumption of material.
26. The contractors shall quote their rates inclusive of all taxes, cartage, royalties etc, complete.
27. The contractor shall prepare one sample of item which shall be got approved from the Engineer In-Charge. Only on acceptance of sample work, contractor will be allowed to commence the work and sample is to be preserved till the whole work is completed. The quality of entire work should conform to the approved samples.
28. Contractor shall take daily instructions. A register will be maintained at the Enquiry Office for this purpose. The Engineer In-Charge or his representative will note down the work in units/areas to be attended to and the dates on which the work in these units/areas is to be started. An authorized representative of the contractor will, therefore, have to visit the Enquiry Office daily and note down the instructions in the register.
29. The contractor and/or his authorized representative should see the site order book every day and get the compliance noted.
30. All the malba or rubbish obtained from dismantling or otherwise during the execution of the work shall be brought down through the staircase and shall not be thrown to the ground directly from first floor or second floor etc. This shall be carried and stacked properly to the specified common disposal point on the same day and site shall be left clear as per the instructions of the Engineer In-Charge-in-Charge. A compensation of Rs.1000/- shall be levied from the contractor for each complaint/default/per day.
31. Any damage to the building structure, fitting or any other articles etc. done by the contractor or his workman during the execution of the work shall be made good by the contractor at his own cost.
32. The contractor shall clear the site properly before the completion of the work.
33. Old Electrical and other fitting shall be cleaned from all splashes, dust, dirt and mortars etc.
34. The maintenance work is to be carried out in AIIMS Housing Complex, Kabir Nagar, Raipur – CG which includes maintenance under Electrical.
35. Deleted

36. Complaints shall be made in the format (Annexure-III).
37. A computerized complaint register (format at Annexure-IV) shall be maintained in the Maintenance Office of the contractor in which all complaints received shall be documented & send report monthly to Engineer In-charge..
38. Minimum number of work men/staff to be deployed shall be as given at Annexure-V. Additional manpower required to complete the routine work under the scope of the contract will be provided without any extra cost.
39. The contractor shall take immediate action to attend to any complaint assigned to him through site order book/verbal instructions from Engineer In-Charge or on telephones from occupants. In all cases he shall attend the complaint in the specified duration as mentioned below:-
 - a. No delay complaints – Complaints of emergent nature such as electricity not being available. is to be attended to immediately or at least within 6 hours of receipt of the complaints.
 - b. Minor Complaints – Complaints relating to the trades of electrician/stp operation are to be attended within 24 hours.
 - c. Major Complaints – Complaints other than no delay and minor complaints. Such complaints are to be attended within shortest reasonable time which shall not be more than mutually agreed time in consultation with the Engineer In-Charge.
40. Necessary registers/complaint- attendance books duly machine numbered and authenticated by Engineer In-Charge shall be maintained by the contractor in respect of complaints received and shall be got signed by the occupants/concerned officer, after attendance.
41. In case of failure to meet these deadlines compensation as decided by the Engineer in-charge per complaint per day will be levied from his bills/Security Deposit for each default to attend the complaints assigned to him. The decision of Engineer in-Charge regarding correctness of complaint shall be final and binding.
42. Deleted
43. Deleted
44. The contractor shall provide his mobile number or the mobile number of his representative to the Engineer In-Charge for ease of communication with the controlling staff.
45. The labour deployed for attending complaints should carry necessary tool kit, other material and should carry with them water bottle and waste bag for collection of minor rubbish material if received during attending the complaints, so that the site of work shall remain neat and clean.
46. The contractor shall have registration with Employee's Provident Fund Commissioner and Employee's State Insurance Corporation for safeguarding interest of his workmen. He shall obtain all other necessary approvals from statutory bodies as per law in force.
47. The contractor will arrange & store all the materials at Enquiry office, required for attending day to day maintenance complaints for at least 3 months or as decided by Engineer In-Charge, throughout agreement period.
48. For the purpose of categorization of staff as skilled and unskilled, the electrician shall be taken as skilled; the sweepers shall be taken as unskilled.
49. Contractor will install acceptable attendance recording machine as per approved by Engineer In-Charge, it should be enclosed with every RA-Bill.

PARTICULAR CONDITIONS OF CONTRACT FOR OPERATION & MAINTENANCE WORKS

As the work will have to be carried out in building and area in use, the contractor shall ensure:-

- a) That the normal functioning of AIIMS Raipur activity is not effected as far as possible.
- b) That the work is carried out in an orderly manner without noise and obstruction to flow of traffic.
- c) That all rubbish etc. is disposed off at the earliest and the place is left clean and orderly at the end of an each day's work.
- d) The Contractor shall ensure that his Maintenance and assistance staff is qualified and licensed for their part of work. He shall be responsible for their conduct. The staff should behave in a courteous manner. The contractor shall be held responsible for any loss or damage to AIIMS, Raipur property arising out of the work under the Contract.
- e) The contractor shall ensure safety of his workers and others at site of work and shall be responsible for any consequence arising out of execution of the Maintenance and Housekeeping Services work.
- f) When instructed to do so, the contractor shall ensure proper record keeping and storing of irreparable/dismantled material.
- g) The contractor has to make his own arrangement for use of the same including drawing temporarily lines etc. The responsibility for following relevant rules, regulations and laws in this regard shall be entirely that of the contractor.

ADDITIONAL PARTICULAR CONDITIONS OF CONTRACT FOR MAINTENANCE

For the services to be operated and maintained by the Contractor for which lump-sum amounts have been quoted, the following shall apply:-

A) Operation and Maintenance of Sub-stations, STP and DG sets etc.:

All the above plant and equipment's etc. shall be taken over after recording the complete details of make, date of manufacture etc. including their running conditions.

During the contract period, the same shall be operated and maintained by the Contractor including supply of all spares, materials, labour, T&P etc. and including top up consumables like Engine oil, transformer oil etc. complete. The maintenance and operation shall meet all the requirements of the concerned statutory authorities. At the end of the Contract Period, the equipment/system shall be handed over back to AIIMS, Raipur in the condition in which they were taken over, normal wear and tear accepted, otherwise recovery of repair will be done.

NOTE:

All breakdowns/faults shall be attended to immediately and rectified promptly.

Only genuine/original spare parts shall be used while carrying out the maintenance work.

Any major repair involving overhaul of engine, rewinding of motors, replacement of major components like compressor etc. is excluded from the scope of work and shall be paid for on actual. However, if the repairs/replacement arises out of negligence of the Contractor or his staff, the same shall be carried out by the Contractor at his own cost. Prior approval of the Engineer In-Charge is to be obtained for any such major repair/replacement.

The Contractor shall depute qualified and experienced and authorized staff for running and maintenance of the Systems/Equipment's

The Contractor shall follow all instructions conveyed to him by the concerned AIIMS, Raipur. officials regarding maintenance of the above.

B) ADDITIONAL SPECIFIC CONDITION RELATING TO ELECTRICAL INSTALLATIONS

1.0 General

1.1 The following Additional Specific Conditions shall be read in conjunction with General Conditions of Contract and Specific Conditions of Contract. If there are any provisions in these Additional Specific Conditions which are at variance with the provisions in the above mentioned documents, the provisions in these Additional Specific Conditions shall take precedence.

2.0 Regulations and Standards

2.1 The installations shall conform in all respects to Indian Standard Code of Practice for Electrical Wiring Installation IS: 732 - 1989 amended up to date and as per CPWD General Specification for Electrical Works (Part I, II, IV & VII). It shall also be in conformity with the current Indian Electricity Rules and regulations in so far as these are applicable to the installations. Wherever these Additional Specific Conditions calls for a higher standard of material and/or workmanship than those required by any of the above regulations, then this Additional Specific Conditions shall take precedence over the said Regulation and Standards. External works & fire detection & alarm system works to be done as per CPWD specification & relevant IS codes.

3.0 Rates

3.1 The rates in the bid shall be for complete items of work inclusive of all taxes, statutory charges and all other charges for items contingent to the work, such as, packing, forwarding, insurance, freight and delivery at Site for the materials to be supplied by the Contractor, watch and ward of all materials for the Internal & external, Electrical Installation testing & commissioning work including water & power for successful installation, testing & commissioning work at Site etc.

4.0 Completeness of rate quoted

All sundry fittings, assemblies, accessories, hardware items, Tools & tackles to carry out maintenance to each electrician, foundation bolts, washers, nut & bolts, PVC insulation tapes of different colours, contact cleaning compound (CTC) toggle switches, grease, insulation Varnish, ferrules, small lugs and other small items for electrical connections as required, and all other sundry items which are useful and necessary for proper assembly and efficient working of the various components of the work shall be deemed to have been included in the Bid rates and prices, whether such items are specifically mentioned in the Bid documents or not.

5.0 Works to be done by the Contractor

5.1 Unless and otherwise mentioned in the Bid documents, the following works shall be done by the Contractor, and therefore their cost shall be deemed to be included in their rates and prices:

- i. Foundations bolts for equipment's and components where required,
- ii. Cutting and making good all damages caused during installation and restoring the same to their original finish
- iii. Sealing of all floor openings provided by him for pipes and cables, from fire safety point of view, after laying of the same
- iv. Painting at site of all exposed metal surfaces of the installation other than pre-painted items like fittings, fans, switchgear/ distribution gear items, cubicle switch board etc. and erection, shall however be rectified to the satisfaction of the Engineer In-Charge
- v. Testing and commissioning of complete installation
- vi. Washers, Nuts & bolts
- vii. PVC insulation tapes of different colours.

- viii CTC/ contact cleaning agent
- ix Insulation varnish (Dr Back) or approved equivalent.
- ix Small lugs, toggle switches, gaskets and other small items used in the plant.
- x Sets of tools and tackles needed for the maintenance of electrical works; like tong taster , multimeter, megger, phase tester, screw drivers, wrench sets, earthing megger, pliers, specific gravity meter, on load voltage tester of batteries, phase sequence tester, thermometer, crimple tools, ladders etc. available at the store of agency & same should available to electrician.
- xi Cotton clothes for cleaning of equipment's like DG sets etc.
- xii Clamps, desh fastener, saddles, down rods, ceiling rose, supporting angle iron , channels, nails, screws and other related items needed for the completion of work.
- xiii Distil water needed for the refill in the batteries
- xv Maintenance in which no item is required like tightening of loose wire etc. will not be paid i.e. labour component is inclusive in the maintenance part.
- xvii Dewatering of lift pit and temporary connection if required.
- xviii The contractor shall provide all necessary items for the proper execution of the works in accordance with the intent and meaning of the drawings and specifications taken together whether the same may or may not be particularly shown or described therein. The contractor shall supply, fix and maintain at his own cost, during the execution of any works. The contractor shall also fully reinstate and make good all matters and things disturbed during the execution of the works to the satisfaction of the Engineer In-Charge-in-charge without any extra cost.

6.0 Tools for Handling and Erection

6.1 All tools and tackles required for handling of equipment's and materials at Site of work as well as for their assembly and erection and also necessary test instruments shall be the responsibility of the Contractor.

7.0 Terminology & Scope

7.1 Terminology & scope for this project shall be as per CPWD Specification for Electrical Works (Part I - Internal) - 2005 & External Works - Part II - Latest and relevant IS codes amended up to date.

7.2 Measurement

Measurement shall be as per CPWD specifications Part – I (Internal) & Part - II (External) unless otherwise specified in the technical specifications / BOQ.

8.0 Drawings:
Deleted

9.0 Conduit/ Trunking Layout
Deleted

10.0 Shop Drawings
Deleted

11.0 Manufacturer's Instruction

11.1 Where manufacturers' have furnished specific instructions, relating to the materials used in this job, covering points not specifically mentioned in these documents, these instructions shall be followed in all cases.

12.0 Materials & Equipment

12.1 All materials and equipment shall be ISI marked and shall be of the approved make and design. Unless otherwise called for, only the best quality of materials and equipment shall be used. The Contractor shall be responsible for the safe custody of all materials till these are taken over by client and shall insure as against theft, damage by fire, earth quake etc. A list of items of materials and equipment, together with a sample of each shall be submitted to the Site office.

13.0 Scale
Deleted

14.0 Brochures and Data

14.1 The Contractor shall submit four copies of all brochures / manufacturer's description data and similar literature.

15.0 Approval of Shop Drawings

Deleted

16.0 Samples & Catalogues Contractor shall submit the samples & catalogue of the material, which are used at Site as per the approved makes should be submit for approval by the Engineer In-Charge In-Charge.

17.0 Approval of Materials

17.1 All materials used on the Works shall be new and of the best quality available, conforming to the relevant specifications and as per good Engineer In-Chargeing practice. Prior approval shall be obtained in writing from the Engineer In-Charge for all materials proposed and when necessary, approved sample duly identified and labelled shall be deposited with the Engineer In-Charge and shall be kept at Site. List of approved make indicates make/ manufacturer generally acceptable. Contractor shall submit the detail drawings for approval of the Engineer In-Charge In-Charge.

18.0 Inspection, Testing and Inspection Certificate

18.1 Engineer In-Charge AIIMS, RAIPUR and authorised representative of AIIMS, RAIPUR shall have at all Reasonable times access to the Contractor's premises or Works and shall have the power at all reasonable time to inspect and examine the materials and workmanship during its manufacture or erection or if the part of works is being manufactured or assembled at other premises or works.

- 18.2 The Contractor shall arrange all the materials and labour required for inspection of equipment or for any testing to be carried out at his/ manufacturer's works or at Site. Notice for such inspection/ presence for testing shall be given to the Engineer In-Charge or by the Engineer in-charge to the Contractor at least fifteen (15) days in advance together with the routine test certificates of the equipments/ materials given by the manufacturer.
- 18.3 Notwithstanding approval of tests or equipment by the Engineer In-Charge, the Contractor shall be required to perform site tests and prove the correctness of ratings and performance of equipment/ machinery and materials supplied and installed by the Contractor as per the Contract specifications and conditions. Engineer In-Charge shall have full power to order the material or work to be tested by an independent agency at the electrical Contractor's expense in order to prove soundness & adequacy.
- 19.0 Schedule & Manner of Operation
- 19.1 Time being the essence of this Contract, Contractor shall be expected to furnish all labour & material in sufficient quantities at appropriate time, expedite and schedule the work to meet the Engineer In-Charge's requirement and so manage the operations that the work shall be completed in time as stated elsewhere. In case of shut down of power supply, Contractor shall coordinate with Engineer In-Charge and shall carry out essential works during the shutdown period allowed by the Engineer In-Charge. In case Engineer In-Charge allows for such period during night or early morning hours, Contractor shall make all provisions to avail such account. Contractor shall not be entitled for any extra claims on such account. Contractor shall programme his work in such a way that items of work requiring presence of Engineer In-Charge are carried out between 9 A.M. & 5 P.M. on working days.
- 20.0 Deleted
- 21.0 Conformity with Statutory Acts, Rules and Standards
- 21.1 The installation shall be in conformity with the Bye-laws, Regulations and Standards of the local authorities applicable to the installations. But if the specifications and drawings call for a higher standard of material and/or workmanship than those required by any of the above Regulations and Standards, then the specifications and drawings shall take precedence over the said regulations and standards.
- 21.2 However, if the drawings or specifications required something which violates the Bye-laws and Regulations, then the Bye-laws and Regulations shall govern the requirement of this installation.
- 21.3 Indian Electricity Act and Rules: All electrical works in connection with installations of the system shall be carried out in accordance with the provision of the Indian Electricity Act, 1910 and the Indian Electricity Rules 1956, both amended upto date.
- 21.4 CPWD Specification: The Electrical installation work shall conform to CPWD General Specifications for Electrical Works Part I (Internal) 2005 and Part II (External) 1995, both amended up to date.
- 21.5 Indian Standard: The system / components shall conform to relevant Indian Standards wherever they exist and to the latest National Building Code-2005.

21.6 Nothing in these specifications shall be construed to relieve the Contractor of his responsibility for the design, maintenance, manufacture and installation of the equipment with all its accessories in accordance with applicable Statutory Regulations and safety codes in force.

22.0 Completion Drawings:

The contractor shall maintain the record of changes made during the contract.

23.0 Confirmation of Quantities

23.1 All quantities indicated in BOQ are tentative which may vary as per site conditions. Contractor has to verify quantities before procuring the material. Contractor has to maintain certain minimum quantities of the item in the store.

24.0 Terms of Payment (Only for items of major electrical equipments)

For purposes of estimating the contract value of work executed for certificate of payment under the following norms shall be followed.

- a. 70% of BOQ/Market/DSR(2018) rate on receipt of equipment against receipt of complete material at site & test certificates.
- b. 30% after successful completion of all works including all testing, commissioning & taking over.
- c. For normal maintenance work monthly RA will be processed.

Note- Following items left unattended for more then a period as aggred by engineer in-charge 3% penalty will be deducted on volume of work and supply.

1. ACB of HT/LT panel.
2. DG Set & AMF Panel
3. Transformer

25.0 Training of Personnel

The Contractor shall arrange on the job training to the personnel through the Annual Maintenance contractor for the following:

- a) Lift
- b) All other STP & substation Equipments like DG sets, HT, LT panels etc.
- c) Adjustment of setting for controls and protective devices
- d) Preventive maintenance
- e) Operation of all electrical panels including their interconnectivity and interlocking scheme.

26.0 Completion Certificate

26.1 On completion of the installation if carried out at site during the contract, a certificate shall be furnished to the Engineer In-Charge, by the Contractor, countersigned by the licensed supervisor under whose direct supervision the installation was carried out. This certificate shall be in the prescribed form as required by the local authority. On the basis of this certificate, the Contractor shall arrange for inspection of installation by the concerned local authorities.

26.2 The Contractor shall be responsible at his own cost for getting the installation duly approved by the authorities concerned.

27.0 Check List

27.1 The Contractor shall provide to the Engineer In-Charge 4(four) copies of a approved comprehensive maintenance checklist and shall paste a copy of it in the Substations & Plant Room. The checklist shall be a list of each piece of equipment in this Contract, and shall provide a space for each of the next fifty-two weeks to record the maintenance provided to and status of various equipment. Each month, at the time of inspection, the Contractor shall certify on this check list that he has examined each piece of equipment and that, in his opinion, it is operating as intended by the manufacturer, and that all necessary tests have been performed.

28.0 Repairs

All equipment that requires repairing shall be immediately serviced and repaired during the maintenance period. All parts and labours shall be furnished at no extra cost to the Engineer In-Charge.

29.0 Safe Custody and Storage

Safe custody of all machinery and equipment dismantled, shifted & supplied by the Contractor shall be his own responsibility till the final taking over by the Employer. The Contractor should, therefore, employ sufficient staff for watch and ward at his own expenses. The Employer may, however, allow the Contractor to use the building space for temporary storage of his equipment, if such space is ready and available.

TECHNICAL SPECIFICATION: ELECTRICAL WORKS

1. Scope of work: -Electrical
2. The agency will be responsible for operation/ maintenance of following electrical items/ works:
 - Maintenance of Internal Electrification works in contract work area including all light fixtures, switches, Power Points (5A, 15A Sockets & 20A Industrial Sockets), MCB Distribution Boards, MCBs, Ceiling Fans, Wall Bracket Fans, Exhaust Fans, Wiring, Cabling etc. complete
 - Operation and maintenance of double pole 33kV AB Switch installation etc.
Supporting evacuation of person from lift. (if required)
 - Operation and maintenance of 200 KVA Diesel Generator Sets- 2 numbers with AMF Panel.
Engine Make : Kirloskar
 - Operation and maintenance of Transformer (33/0.433kV, 1.0 MVA – 2 nos.), Make: Kirloskar.
 - Operation and maintenance of HT Panel three panel of 1250 A 33 KV VCB of Crompton Greaves.
 - Operation and maintenance of LT Panel having 2 no ACB incomer of 1250 A, two number motorized MCCB of 400 Amp, one bus coupler of 1250 Amp, and one number 800 amp and one number motorized MCCB of 400 Amp. The ACBs are EDO, microprocessor based O/L, S/C, E/F & instantaneous trip and different out goings in the form of MCCB as installed at site. Components of panel are of L&T make.
 - Operation and maintenance of Capacitor Panel: 220 KVAR with APFC relay, capacitors, timers, MCCBs etc. complete as installed at site
 - Material required for the minor maintenance of all the items will be arranged by the Contractor. Nothing will be paid for such minor material. The details of works to be done by the contractor have been mentioned in additional specific conditions related to electrical works.
 - Material required for the major repairs will be paid as per the rate quoted by the contractor against different items in “Special Repairs” head.
 - Tools and tackles to carry out the maintenance will be provided by the contractor.
 - Printed log books to be provided by the contractor.
 - The contractor should keep all the equipment’s in good working condition.
 - If something gets damaged i.e. civil work etc during the maintenance work, Contractor has to rectify the same at his own cost.
 - Diesel for the running of DG sets will be made available by the AIIMS free of cost and record keeping in log book by contractor.
 - Items required like consumable for the maintenance inside the flats will be arranged by the residents of the flats remaining will be by contractor. However items requires for the common area will be arranged by the Contractor and the rates will be payable as per the rates quoted by the contractor under the head “Special Repairs”.

Scope of the work as mentioned below is the minimum expected from the contractor in order to keep the equipments in good working condition:

1.0 Deleted

2.0 D.G SETS.

2.1 Work to be done on daily basis as per guideline of manual :

1. Specific gravity, water level and voltage of batteries.
2. Cleaning of battery terminal, if required
3. Operation of DG sets once a week at least for 5 minutes one by one & rectification of difficulty if any.
4. Checking of oil level in day tank
5. Physical inspection of DG set & AMF panel
6. Lubricant oil level in the DG set.
7. General cleaning of DG set if required.
8. General inspection of cooling towers, pumps etc.
9. Temperature of inlet & out let water in CT.
10. Ph of CT water.

2.2 A log Book is to be maintained on regular basis by the contractor duly signed by Engineer In-Charge. The log book should contain minimum following data entry or as specifies by the manufacturer.

1. Specific Gravity of battery
2. Voltage of battery
3. Electrical parameter of the DG set like Current, voltage, frequency, p.f, KW, KWh, KVA etc
4. Diesel level in day tank
5. lubricating oil level.
6. Running hours of the DG set
7. Water temperature.
8. Room temperature
9. Noise level
10. Lubricant oil pressure
11. Consumption of diesel

2.3 Work to be done on monthly basis:

1. 'B' / 'C' checks as per manufacturers instructions.
2. Cleaning of strainers in the fuel line.
3. Watering of earth pits.

2.4 Work to be done on half yearly basis:

1. Safety checks of the DG sets
2. Operation of all the relays
3. Checking of electrical panels
3. Checking & cleaning of contacts of ACB, relays etc.
4. Checking of safety interlocks
5. Checking of functionality of relay and calibration if required.
6. Checking of insulation resistance
7. Checking of earth resistance.
8. Cleaning of cooling tower
9. Tighten the blades of cooling tower.
10. Any other checking required as per manufacturer's recommendations

2.5 Work to be done on yearly basis:

- 1 Repeat half yearly work
- 2 Change the battery, if required.
- 3 Any other checking required as per manufacturer's recommendations

Note: Agency to ensure CAMC of each DG Set once in Six month by specialized agency.

3.0 ELECTRICAL INSTALLATION OF SUBSTATION:

3.1 Work to be done on daily basis:

General inspection of HT panel, transformers and related equipments including the following:

1. Level of oil in conservator of the transformer & oil top-up (if required).
2. Colour of silica gel in the breather of the transformer.
3. Oil & Winding temperature of transformer.
4. Water entry in the substation.
5. Illumination in substation & around.

3.1a Work to be done on monthly basis:

1. Changeover of load between standby transformer.
2. Bushing leakage & terminal box.

3.1b Work to be done on half yearly basis:

1. Earthing should be checked & maintained.

3.2 Work to be done on yearly basis

1. The dielectric strength of the transformer oil to be checked & oil filtration (if required) once in a year.
2. Function/ tripping through the relays to be checked once in a year.

3.3 A log Book is to be maintained on each shift for HT sub-station duly signed by the Engineer In-Charge. The log book should contain minimum following data entry:

- 1 HT voltage
- 2 Current
- 3 Frequency
- 4 Winding temperature of transformer
- 5 Level of the oil in the conservator of the transformer
- 6 Colour of the silica gel in the breather of the transformer
7. Remarks

3.4 A separate log Book is to be maintained on regular basis for LT panel duly signed by contractor and Engineer In-Charge of the client. The log book should contain minimum following data entry to be filled up on hourly basis:

1. Total current on incomer
2. Voltage on incomer
3. Current of different outgoing feeders in R, Y & B phase
4. Power Factor

3.5 Work to be done on half yearly basis:

1. Safety checks of the Panels
2. Operation of all the relays
3. Checking of electrical panels
4. Checking & cleaning of contacts of ACB, relays etc.
5. Checking of safety interlocks
6. Checking of functionality of relay and calibration if required.
7. Checking of insulation resistance
8. Checking of earth resistance.
9. Rectification of defective instrument/equipment.
10. Any other checking required as per manufacturer's recommendations
11. Watering of earth pits
12. Any other checking required as per manufacturer's recommendations
13. Through cleaning of panels after arranging the shutdown of the panels.

3.6 Work to be done on yearly basis:

1. Repeat half yearly work.

4.00 LIST OF APPROVED MANUFACTURERS

| S.No. | ITEM | MAKE |
|-------|--|---|
| 1. | Selector Switches: | L&T/ Salzer/KAYCEE/ Siemens/BCH |
| 2. | Push button, Indicating Lamps LED: | L&T(Esbee)/Siemens/Schinder/BCH/Veshno/ Teknik / RAAS |
| 3. | Battery: | Panasonic/Hitachi/MistubushE-I/Cummins/Exide |
| 4. | ACB spare parts | L &T (as installed at site) |
| 5. | Moulded case circuit Breaker | L &T (as installed at site) |
| 6. | Power/auxiliary Contactors, timers, Relay, starters | ABB/ Schneider/ L&T/ Siemens |
| 7. | MCB distribution Boards | L &T/Hager/Legrand/ Siemens/ ABB/ Schenieder (MG)/Havells |
| 8. | RCCB | L & T /Hager/ Legrand/ Siemens / Schenieder (Merlin – Gerin) |
| 9. | Cable Joints (Heat Shrinkable) HT cable termination | Raychem/3M/Cabseal |
| 10. | Light fitting | Philips/ Wipro/ Bajaj/ GE/ Crompton Greaves |
| 11. | Fancy lights | Kesalec Schreder/Anchor (Panasonic)/Twinkle/ Ankur/ Decon/ Philips. |
| 12. | Lamps | Philips/ Osram/ GE/Anchor (Panasonic)/ |
| 13. | GI / MS conduit ISI marked | BEC/ AKG/ Steel Kraft |
| 14. | PVC conduit | BEC/ AKG/ polycab |
| 15. | Steel conduit accessories (ISI as approved sample) | BEC/ AKG or approved equivalent. |
| 16. | Modular Metal box for switch /socket | Havells/ MK/MDS/Ligrend/ Northwest |
| 17. | Copper conductor FRLS PVC insulated wires ISI marked | Finolex/ Havells/ L&T/KEI / RR cable/ /Polycab |

- | | | |
|-----|--|---|
| 18. | Modular Switches & sockets Outlets | Havell's (Crabtree- Athena)/ MK-raparound plus /Hagger/ Legrand (Myrius)/Northwest |
| 19. | Metal clad Socket outlets With boxes | L & T Hager/ Siemens/ Merlin Gerin/ ABB /MDS / BCH /Havells |
| 20. | Lighting protection | Erico/Galaxy electrode /Earth plus or equivalent |
| 21. | Electronic Ballast | Philips/ Wipro/Osram/Bajaj/Crompton |
| 22. | Ceiling fans | Crompton Greaves/ Bajaj/ Orient/ Alastom/ Usha |
| 23. | Portable fire extinguisher | Minimax/Agnidevices/Superex/Ceasefire/Safex |
| 24. | Telephone cables /communication cables | AT & T/ Fusion /Polymers/Finolex/Delton Skyline/Skytone |
| 25. | LED Lights | Philips, Crompton, Osram |

SPECIFICATIONS FOR OPERATION OF WHOLE ELECTRICAL SYSTEM ALLIED ACCESSORIES Etc. INSTALLED IN RESIDENTIAL BLOCKS, AIIMS, RAIPUR.

1. The bidders are required to visit the site to see the actual installations for themselves to assess the quantum of work involved before submitting the tender. Once the tender is submitted, it will be presumed that the bidder has seen and understood the complete work involved for each of the system.
2. Applicable Law:
 - 2.1 The contract shall be interpreted in accordance with the Laws of the Union of India. Contractor shall be solely responsible for compliance of all labour laws, payment of fair wages/ salaries and allowances to his personnel that might become applicable under any new act, law or order of Government of State / Centre. AIIMS, RAIPUR/Client shall have no liability whatsoever in any manner. The Contractor has to show the proof of payment of fair wages to his workers as and when asked for the same by AIIMS, RAIPUR/ Client.
 - 2.2 Minimum wages act to be complied with - The contractor shall comply with all the provisions of the Ministry Wages Act, 1948, and Contract Labour (Regulation and Abolition) Act, 1970, amended from time and rules framed hereunder and other labour laws affecting contract labour that may be brought into force from time to time.

The contractor shall ensure proper maintenance of existing electrical system, as per requirement or as directed by Engineer In-Charge –in-charge.

STP O & M SCOPE OF WORK

Agency will provide the following services for the operation and General maintenance with necessary housekeeping for the following plant.

ACTIVITIES FOR STP

- The Plant will running in 24x7 days.
- Day to day housekeeping of STP & nearby area.
- Regular checking of inlet, outlet and various inter stage parameters as required for a smooth and reliable operation of the sewage treatment plant.
- Testing of critical parameter like pH, Free Residual Chlorine, MLSS to ensure desired water quality at outlet as per frequency.
- All measures will be taken to operate the plant satisfactory as per environmental pollution control board norms.
- All chemical solution will be prepared by our operator.
- Regular dosing of chemicals in the system.
- Regular backwash and rinsing of Multi-grade filter, Activated carbon filter & other process unit.
- Regular cleaning of bar screen & Oil grease Trap.
- Providing safety shoes and other safety related equipment and accessories (PPE) as required to all the operating staff deputed for O & M in the plant.
- Providing tool box to maintain and operate the electro-mechanical equipment of the plant.
- Checking parameter like Colour, Odour, and any other parameters required for the smooth operation of the plant and take corrective measures in case of any deterioration of these parameter daily.
- We will undertake regular preventive maintenance of the mechanical, equipments as pumps, valves and take corrective action whenever required for the smooth operation of STP & monthly report will be submitted.
- Provide adequate Information for required spare parts, etc. to client well in advance if it is not in scope of agency.
- Maintaining all sorts of daily records as per the requirements such as log sheets of the systems, performance sheet of the system, chemical consumption records, electrical consumption record, breakdown cycle etc. to minimize the downtime and enhance the performance of entire system. Plant operation / Shut down recording should me maintained at site.
- Painting of corroded pipes structure etc. as and when required.
- Sampling and testing of treated Water from the authorized Laboratory.

SPECIAL NOTES:

1. All the cost implication in Modification / Retrofication /Automation / required for smooth and systematic operation of the above said plant shall be in agency scope. There is adequate arrangement of stand by equipments. Party will be paid separately as per approval of Engineer In-Charge.
2. Agency responsible for the operation & minor maintenance of plant, for quality and quantity assurance.
3. Agency have to provide the safety environment for working friendly to avoid accidents at time.

General information

1. The team at site will be provided with personal protective equipment (PPE).
2. The above manpower will be covered under all statutory obligations such as your company policy.
3. Other than the manpower list which will be actively involved at site for various operation & maintenance activities, will be assigning one Engineer at our head office exclusively to monitor and manage the activities at site and to provide necessary technical backup to site. If needed, he will visit site to oversee the entire operation and initiate any major as requires.

Smooth Operating Procedure of STP (MBBR)*OPERATING PROCESS PARAMETERS & CONDITIONS*

The procedures enumerated in the preceding chapters are to be strictly followed in order to get the best performance from the Sewage Treatment Plant. The parameters that require monitoring are rate of flow, TSS and BOD.

OPERATING PARAMETERS & CONDITIONS

| | | |
|----------------------------|---|----------------------|
| Capacity of STP | : | 500 KLD |
| <u>Rate of Flow</u> | | |
| Total combined Solids | : | 25m ³ /hr |
| Total Suspend Solids | | |
| TSS as inlet STP | : | 250 mg/l |
| TSS at final discharge | : | <10 mg/l |
| | | |
| <u>BOD</u> | | |
| BOD at inlet to Bar Screen | : | 350 mg/l |
| BOD at final discharge | : | <20 mg/l |

Note: Above guideline is indicative, OEM/environmental guidelines should be followed.

MONITORING OF PROCESS PARAMETERS

REGULAR (HOURLY) MONITORING

Sludge Volume

Take a graduate glass cylinder of 1000 ml & draw samples from the Aeration Tank. Allow the sample to settle in the cylinder for 30 mins without adding any chemicals. Then note down the volume of sludge settled. Required volume of sludge is 20-25 ml/100 ml sample. This simple test should be done once per shift.

REGULAR MONITORING

Regular monitoring BOD & TSS of treated should be done.

WEEKLY MONITORING

Measurement of MLSS

Measurement of MLSS has to be regularly during the commissioning period. The procedure for both the parameters is same. MLSS is the measurement of suspended solids present in the Aeration Tank and it is an indicator of the amount of bacteria present. This should be done a week and the result should be calibrated with sludge corresponding to 2000-2500 mg/l (i.e., around 20-25 ml of sample)

DETERIORATED WATER QUALY RECOR

Deteriorated water quality can result from malfunctions, overload and improper operations of the various unit processes. The analysis of samples as per long book will provide firm data for determining the occurrence of such quality. The operating parameters mentioned must therefore, be strictly adhered to prevent occurrence of the above

SAFETY MEASURES FOR O & M OF THE PLANT

GENERAL SAFETY MEASURES

The Operator in an Sewage Treatment Plant should be capable of handling any hazards arising from injuries from falls, deaths from drawing and asphyxiation etc.

The following safety measures should be taken for proper operation & maintenance of the Plant.

- a) Narrow walks/ steps over tanks, ladder and spiral staircases are potential danger spots where the operator should be alert.
- b) Overexertion during operation of valves, moving weights and performing other tasks should be avoided.
- c) All open tanks should be provided with guard rails to prevent accidental falls.
- d) Glass part as well as moving parts should be protected by screen or guards.
- e) Adequate lighting within the plant and around the plant should be provided which gives better working facility reducing accidents on slipping etc.
- f) Covered tanks, wet well or pits should be well ventilated. Before entering into the above wells/ tanks, they should be kept open for sufficient time or preferably forced ventilate as they present problems of asphyxiation.
- g) A first-aid kit should be available readily at hand.

- h) Exposure to ultraviolet light can cause serious burn to unproved eyes, skin. Wear eyes and skin protector.
- i) Fire extinguishers of the proper type should be located at strategic points and maintained in good condition at all times by testing them. All staff should be trained in rendering first aid and operating fire extinguishing equipment.
- j) All workers should be completed to observe personal, hygiene such as washing with soap after as well washing before taking food. The use of antiseptics along with washing should be emphasized.

ALIGNMENT

The important of alignment of each part of the units cannot be over emphasized. The alignment of all drives and matching part like motors, bearings, shafts, couplings etc. will have to be carefully checked with the required instruments. Any misalignments can lead to repaid wear and tear.

LUBRICATION

Lubrication should be done as per the recommendation of the individual manufacturers so as to ensure free and smooth movement of all matching parts. The periodicity of lubrication should be noted and arrangements made to do the lubrication at the right time. Failure to do this can to more wear and tear, noise and eventual of the part. A suitable lubrication chart should be prepared and hung in the plant room for ready reference.

ELECTRICAL CONNCTION

Cabling and control wiring should be properly drawn as per the relevant IS standards. All efforts should be made to prevent short circuit. Earthing should be done properly to prevent excess withdrawal of power due to line losses. The individual starters and motors should be checked for proper functioning. All overload relay settings of the MCC should be checked as per the motor overload current and maintenance twice a year. Connect the level switch as per Manufacturer's Manual attached.

ALL PUMPS

- Checked oil level in motor & pump periodically.
- Check the direction of rotation of pump before start up. The impeller should rotate in the clockwise direction. Also check for smoothness and noise, if any.
- Ensure that all electrical connections have been made properly.
- Check to see whether pump is giving the desired head.
- Check to see whether pumps are giving desired output. If not, check for any obstruction.
- Check for any leakage, abnormal sounds, head etc, and rectify a required.

PROCEDURE FOR SHUT DOWN AND MAINTENANCE

SHORT PERIOD SHUT DOWN

When the plant is under shut down for few days (less than 15 days), the following procedures can be followed in general:

- a) Remove all the screened material from bus Screen Chamber & keep it ready for the next operation
- b) Shut off the Transfer pump and close the delivery valve.
- c) Clean tube Settler, Filter feed Tank.
- d) Drain all the contents from Pressure & Activated Carbon Filter and clean the filter after backwashing with fresh water.
- e) Does EM periodically to Aeration Tank.

LONG PERIOD SHUT DOWN

When the plant is taken off for down for a longer period, it is advisable to combine maintenance services during this period. Drain all the tanks, clean and flush them with water and keep them ready for next operation. Restart the whole plant as per start up procedure with waste as mentioned in Chapter-6.

Trouble free operation of the various units is predicated on a sound maintenance program consisting of the following.

- Preventive maintenance scheduled and performed on a periodic basis;
- Use of established trouble shooting techniques for detecting malfunctions and determining their cause.
- Corrective maintenance procedures for repairing and/ or replacing damaged or defective components;
- A logic for maintenance checkout procedure.

Schedule Inspection

Daily

Check periodic lubrication requirements, perform a well and through inspection, observing the general condition of the equipment. Be particularly observant of the following:

- Cleanliness or moving/ rotating parts and filter/ chemical dosing area.
- Water levels in various tanks and channels.
- All light indicators on control panel test good.
- Sound or vibrations emanating from the motors, pumps etc.
- Smooth rotation of pumps.
- No apparent accumulation and clogging in settling tank.
- All values are adjusted for proper pump operation.

Monthly

Ensure timely performance of the monthly lubrication requirements and complete the daily walk-through inspection. Additionally inspect the following.

- Shaft and coupling are securely tightened. Loose couplings may result in poor alignment, and ultimate wear and tear.
- Tightness of pump, blower and motor hardware.

Semi-Annually

Ensure timely performance of the six-month lubrication requirements and inspect for the following:

- Indication of oil/grease leakage from gearboxes pumps and motors.
- Motor alignment with pumps and fastening of both.
- Electrical connection securely attached to motor and cables not damaged.

Annually

Ensure timely performance of the twelve-month lubrication requirements and inspect for the following:

- Alignment of all motors with pumps.
- Electrical connection securely attached to motor and cables not damaged.
- All pipelines for clogging.
- Condition of plant of all vessels, piping's and structure.

ALL PUMPS

The shut down procedure is done as described in 10.1 above. These pumps require minion maintenance. The only maintenance required is periodic checking of lubrication requirements.

INDUCTION MOTORS:

- The bearings are pre-lubricated and maintenance free. Under specified operating conditions, bearings should be cleaned at intervals of about 10000 operating hours with trichloroethylene or clean gasoline. While lubricating please see that the bearings are well lubricated and about one third of the space within bearing covers filled with grease. Over filling of grease is not recommended, while re-greasing motors with re-greasable bearing, keep the grease outlet open and fill grease when the motor is running so that grease/ excess grease will flow out.
- Use only recommended grease. Maxing of different greases should be avoided.
- When the motor opened, protect bearings from foreign particles and dirty by wrapping them with clean or polythene sheet.
- Clean the entire path of the cooling air on the motor at regular intervals of one month. The temperature of the motor, judge by hand feeling could be misleading. In case of suspected overheating the actual temperature should be measured with thermometer and should be compared with the permissible temperature rise according to the temperature class of the motor.
- Overheating of the motor may be due to over loading of motor, too low or too high supply voltage, frequency fluctuations, over greasing of bearings, foreign material in the space between stator and rotor. Take necessary corrective action accordingly.
- The motor shaft is provided with oil seals/'V' ring on both ends. Drain plugs are provided on front and back sides. During periodic inspection say once in 3 months open the drain plugs and drain out condensed water, if any.
- While replacing oil seals make sure that oil seals not distorted, the springs are in their position and the lip of the oil seal is free. Apply small amount of grease to the lip.
- Whenever the motor is opened and reassembled, ensure that all joint faces are properly cleaned and gasket is applied properly at all joints.

PAINTING

Once a year, check the condition of plant of all the units. If any signs of corrosion are noticed, clean the surface and apply two coats of epoxy / equivalent paint. Epoxy painted at least once in a year is recommended to prolong the operating life of equipment.

LUBRICATION

Motor, pumps etc. should be greased / filled with lubrication oil periodically, as the case may be, as per manufacturer's catalogue and the lubrication schedule given in Appendix-I of this O&M manual.

LUBRICATION SCHEDULE OF MECHANICAL UNITS

TRANSFER & SLUDGE PUMP

| SL. NO | Parts/ Section | Maintenance to be carried out | Frequency | Remarks |
|--------|-----------------|--|----------------------|--|
| 01 | Bearings | a) Check of temperature with thermometer. b) Lubrication. | 2 Months 2 Months | Inspect the bearing alignment of pump & driver |
| 02 | Glands | Change of gland packing | 2 Months | |
| 03 | Pressure Gauges | Checking of pressure | 3 Months | |
| 04 | Valves | Changing of gland packing of Sluice Valves | 6 Months | |
| 05 | Impeller | Checking of impeller blades, sleeves, bearings, neck ring, impeller nut etc. | Once a year | |

ELECTRICAL MOTORS

| SL. NO | Parts/ Section | Maintenance to be carried out | Frequency | Remarks |
|--------|-----------------------------------|--|-----------|---------|
| 01 | Induction Motor, Stator and Rotor | Opening of end covers dust blowing and checking of air gap. | 1 Month | |
| 02 | Slip Ring Device | Cleaning slip rings and adjustment of carbon brushes short circuiting jaws, oiling of clutch | 1 Month | |
| 03 | Bearings | Proper lubrication | 2 Months | |
| 04 | Windings | Checking of Motor after taking out its Rotor, dust blowing, checking of end connections of stator. No load test before putting motor on load | 2 Year | |

POINT TO BE NOTED IN OPERATION OF STP

- Operate the transfer pump to waste into MBBR (Moving bead Bioreactor) Tank.
- Check all the Pumps before switching it ON for level pf liquid inside the tank.
- Always run the Sludge Recirculation Pump and recycle sludge to MBBR tank.
- Does extended EM solution periodically @100ml/ day or as directed by our technician.
- Does Sodium Hypochlorite @ 3.5kg/ day or as directed by our technician.
- Operate the blower continuously allowing a stoppage time of about one hour every 12 hours.
If the blower is stopped for longer direction, the microorganisms in the tank will die.
- Bacteria culture (EM) is required for required for growth of microorganisms in the aeration Tank. Failure to does the same will reflect in the deteriorated water quality.
- Backwash Filters everyday.
- Perform the timely schedule of lubrication as indicated in the lubrication chart.
- Maintain the data long regularly.

Note:- Above procedure can be modified as per requirement of OEM plan or as per Engineer in-charge

Working schedule STP operation

| S.No. | Daily work |
|------------------|---|
| 1 | maintaining necessary registers |
| 2 | checking of oil levels of all equipment |
| 3 | Course screen chamber cleaning |
| | |
| Weekly Work | |
| 1 | Oiling and greasing of bearings and gears of mechanical equipment's |
| 2 | Removing Grit in grit chamber, Bar screen chamber and transporting every week |
| | |
| Monthly work | |
| 1 | checking of nuts and Bolts of equipment's tightening of all nuts and Bolts of equipment's |
| 2 | Raw sewage sump cleaning at sump side walls & bottom |
| 3 | cleaning side walls up to free board |
| 4 | Secondary clarifier/Sludge sump Cleaning of clarifier & sludge sump in a month by removing settled mass |
| | |
| Quarterly Work | |
| 1 | PCB certificate for the effluent, Aeration chamber, and treated water to be in conformity to the standards |
| 2 | replacement of Gear oil and lubricants as necessary verification of section bearings, gears, motor winding, oil condition of Transformer, installation terminals of cable connections |
| 3 | Sludge dry beds Collection of sludge and storing after drying |
| | |
| Half Yearly Work | |
| 1 | Aeration tank Cleaning of side walls and bottom removing of settled mass. |
| | |
| Yearly Work | |
| 1 | De-silting of manholes, inlet pipes, gate valves at inlet works. |
| | |

ADDITIONAL TERMS AND CONDITION (OPERATION & MAINTANANCE OF SEWAGE TREATMENT PLANT)

1. The specialized agency staff shall be well conversant with the maintenance & operation of STP including pump sets/water supply/sewage treatment plant systems. The staff shall be responsible to clean their equipment's and environments. All O & M, including CAMC & onetime repair etc. will be performed as per OEM guidelines or as approved by the Engineer In-charge.
2. Logbook for pump set shall be maintained in proper form and shall be kept up to date. It should be duly signed by the contractor's staff in order to keep proper monitoring. The instruction of the Engineer In-Charge or his superior officer shall be recorded in the logbook.
3. To extend coordination with Raipur environment board .
4. Any damage caused to the pump set, STP/ Bore well Pumps, L.T. Panels / control panel or its accessories due to carelessness of the contractor's staff or any shall have to be made good by the contractor at their own cost and nothing extra shall be paid on this account.
5. The operator must possess minimum qualifications & authorized for work. The contractor has to submit the proper experience certificate & the contractor shall be fully responsible for safety of their staff employed at site.
6. The cost of Sundry material like Soap, duster, dhoti, cotton, waste and log book, uniform and shoes & badges has to be borne by contractor.
7. Nothing extra towards T&P will be paid.
8. Generally the contractor has to depute the staff as given in Annexure-V. But the duty hours can be changed as per discretion of the Engineer In-Charge. The above staffs are minimum requirement, the contractor shall depute more staff as and when situation arises, for which no extra cost shall be made. In no case the contractor shall reduce this staff strength, otherwise recovery shall be affected. The duty timing can be changed as per direction of the Engineer In-Charge.
9. In case of absence of any staff from duty without providing suitable replacement, the consequential cost of the labour shall be recovered from the contractor and the contractor will have no claim from the department. Engineer In-Charge's decision in this regard shall be final and binding.
10. The operator employed by the contractor shall remain employee of the firm, for all purpose and have no claim for employment in the AIIMS.

RESPONSE TIME

| Sl. No. | Type of complaint | Max permissible time for attendance of complaint from notice of complaint |
|---------|---|---|
| 1.0 | Electrical | |
| 1.1 | Evacuation of person from the lift | 1/2 hrs |
| 1.2 | Minor nature of complaints like replacement/repairing of tubelight, choke, power points, light points, switch, indicators of panels, socket, MCB, electronic regulators, capacitors of ceiling fans etc. | 24 Hrs |
| 1.3 | Medium rectification works like street light replacement , STP Circuit breaker maintenance etc. | 24 Hrs |
| 1.4 | Major rectification works like rewinding of motors, ceiling fans replacement, STP & D G set maintenance, and specialised services | 48 Hrs or as specified by the manufacturer |

(B) GENERAL CONDITIONS FOR SUPPLY OF MATERIAL

1. The material shall be as per CPWD specifications with up to date correction slip and ISI specifications wherever mentioned and as per List of approved makes (enclosed).
2. In the event of any variation between CPWD specifications and that in the IS Code the former shall take precedent over the later. In the event of variation between the nomenclature of item as per schedule of quantities and specifications, the former shall prevail.
3. Material will be supplied by the contractor within 03 days after giving the requirement otherwise suitable amount imposed as a penalty shall be recovered from contractor's bill after giving notice as decided by the Engineer in-charge. However, the materials in urgent nature shall be supplied within 02-03 Hours.
4. The sample of all the items shall have to be got approved by the Contractor from the Engineer-in-Charge/Executive Engineer or his Representative before the supply commences, the approval of sample shall be only in respect of workmanship and finish, and shall be without prejudice to the right of Engineer-in- Charge to get random samples tested out of the actual lot received as per additional conditions. This decision is the Prerogative of Engineer-in-Charge.
5. The contractor shall if required furnish the manufacturer's certificate that the material supplied satisfy the requirements of the relevant specifications.
6. The Engineer-in-Charge shall be at liberty to test respective sample (s) of each item of schedule of quantity in any approved laboratory as decided by him. The sample for testing shall be provided by the contractor. If the test proves satisfactory and the material is accepted, the testing charge in respect of satisfactory test shall be borne by the department.

All other expenditure required to be incurred for making available the sample, conveyance and packing etc, shall be borne by the contractor himself. In case any sample of particular lot fails in testing the contractor shall be bound to replace the entire lot with fresh material of prescribed specifications and the rejected lot shall only be returned to the contractor after fresh lot is supplied. Testing charges in respect of failed sample will be borne by the contractor himself.
7. Rejected materials shall have to be removed by the contractor at his own cost within a week of the instructions of doing so. Also go down rent as decided by Engineer-in-Charge shall be charged by the department.
8. In case of any dispute regarding rejection of quantity of materials the decision of Engineer-in- Charge shall be final and binding upon the contractor.
9. Conditional tenders are liable to be summarily rejected.

10. The rates shall be quoted only in the schedule of quantities attached with the tender and nowhere else i.e. letter heads etc.
11. The contractor are specifically required to quote only one rate against each item. The rate Quoted for any item of material shall conform to the prescribed specifications.
12. The quantities are approximate and are liable to change up to any extent on either side. The Engineer-in-Charge reserves right to order deviation from the quantities mentioned in the tender. The contractor shall supply the additional quantity on the rates quoted in the tender documents irrespective of deviation limit mentioned elsewhere in the agreement. The contractor shall have no claim to any payment or compensation whatsoever on account of any profit or advantage which might have derive from the execution of supply in full as mentioned in tender but which did not derive any consequence of the full supply of material mentioned in tender not having been ordered. It is not necessary to use all items in the BOQ/Schedule during contract Period. The use shall be based on the requirement at Site. Contractor cannot claim Payment against Storage of items to maintain the deadline of completion of work as per Tender.
13. The maker of material shall be same as that of actually installed/fixed at site. But, in case of non-availability or due to any reason, Engineer-in-Charge can take decision to install equivalent/new items available in the BOQ/Schedule. In case of any dispute the decision of Engineer-in-Charge shall be final with regards to make/brand of material.
14. For materials used in this work, the record shall be maintained at site in a standard Performa to watch quality and consumption of the material.
15. Lowest One (L-1) will be decided from the Cumulative Value of all items in the BOQ (Schedule).

Executive Engineer (E-I/C)
AIIMS, Raipur

FORM OF PERFORMANCE SECURITY (GUARANTEE)

1. In consideration of the Director, AIIMS, Raipur (hereinafter called “ the Government “) having offered to accept the terms and conditions of the proposed agreement between _____ and _____(hereinafter called “ the said Contractor(s)”) for the work _____ (hereinafter called “ the said agreement”) having agreed to production of a irrevocable Bank Guarantee for Rs. _____ (Rupees _____ only) as a security/ guarantee from the contractor(s) for compliance of his obligation in accordance with the terms and conditions in the said agreement.

I/We _____ (hereinafter referred to as Bank) hereby (Indicate the name of the Bank) undertake to pay to the Government an amount not exceeding Rs. _____ (Rupees only) on demand by Government .

2. I/We _____ do hereby undertake to pay the (Indicate the name of the Bank) amount due and payable under this Guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor (s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____ (Rupees _____ only).

3. I/We the said bank undertake to pay to the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor (s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal .

4. The payment so made by us under this bond shall be valid discharge of our liability for payment there under and the contractor (s) shall have no claim against us for making such payment.

5. I/ We _____ further agree that the guarantee herein contained (Indicate the name of Bank) shall remain in full force and effect during the period that would be taken for the performance of the said agreement and it shall continue to be enforceable till all the dues of the Government under or by virtue of the said agreement have been fully paid, and its claims satisfied or discharged, or till Engineer-in- charge on behalf of the Government, certifies that the terms and conditions of the said Agreement have been fully and properly carried out be the said contractor (s) accordingly discharges this guarantee.

6. I/We _____ further agree with the Government that the (Indicate the name of Bank) Government shall have the fullest liberty without our consent, and without affecting in any manner our obligations hereunder, to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor (s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor (s) and to forebear or enforce any of the terms and conditions relating to the said agreement & we shall not be relieved from our liability by reasons of any such variation or extension being granted to the said contractor (s) or for any forbearance, act of omission on that part of the Government or any indulgence by the Government to the said contractor (s) or by any such matter or thing whatsoever which under the law relating to sureties would , but for this provision, have effect of so relieving us.

7. The guarantee will not be discharged due to the change in the constitution of the Bank or the contractor (s).

8. We _____ lastly undertake not to revoke this (Indicate the name of Bank) guarantee except with the previous consent of the Government in writing.

9. This Guarantee shall valid up to _____ unless extended on demand by Government, Notwithstanding anything mentioned above, our liability against this Guarantee is restricted to Rs. _____ (Rupees _____ only) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this Guarantee all our liabilities under the Guarantee shall stand discharged.

Dated the _____ day of _____ for _____

(Indicate the name of Bank)

PROFORMA FOR EARNEST MONEY (BANK GUARANTEE)
[FORM OF EARNEST MONEY (BANK GUARANTEE)]

WHEREAS, Contractor _____ (Name of contractor) (hereinafter called "the Contractor") has submitted his tender dated _____ (date) for the construction of _____ (name of work) (hereinafter called "the Tender") KNOW ALL PEOPLE by these presents that I/we _____ (name of bank) having our registered office at _____ (hereinafter called "the Bank") are bound up to _____ (Name and division of Executive Engineer) (hereinafter called "the Engineer-in-Charge") in the sum of Rs. _____ (Rupees _____ only) for which payment well and truly to be made to the said Engineer-in-Charge the Bank binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this _____ day of _____ 20____ THE CONDITIONS of this obligation are :-

- (a) If after tender opening the Contractor withdraws, his tender during the period of validity of tender (including extended validity of tender) specified in the Form of Tender ;
- (b) If the Contractor having been notified of the acceptance of his Tender by the Engineer-in-Charge.
- (c) fails or refuses to execute the Form of Agreement in accordance with the Instructions to contractor, if required ; OR
- (d) Fails or refuses to furnish the Performance Guarantee, in accordance with the provisions of Tender Document and Instructions to contractor.

We undertake to pay to the Engineer-in-Charge either up to the above amount or part thereof upon receipt of first written demand, without the Engineer-in-Charge having to substantiate his demand, provided that in his demand the Engineer-in-Charge will note that the amount claimed by his is due to him owing to the occurrence of one or any of the above conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date* after the deadline for submission of tender as such deadline is stated in the Instructions to contractor or as it may be extended by the Engineer-in-Charge, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE.....

SIGNATURE OF THE BANK

WITNESS.....

SEAL (SIGNATURE, NAME & ADDRESS)

*Date to be worked out on the basis of validity period of 6 months from last date of receipt of Tender.

Format for Agreement

(to be made on Rs 100/- Non Judicial Stamp Paper)

This agreement is made at Raipur on the _____ day of _____ Month of _____ 2019 (Two Thousand Nineteen) between the Director, All India Institute of Medical Sciences, Raipur acting through Executive Engineer, AIIMS, Raipur having its Office at AIIMS, Raipur-492099 (herein after called 'Client' which expression shall, unless repugnant to the context or meaning thereof be deemed to mean and include its successors, Legal Representatives and assigns) of the First party,

and

M/s _____ (Second party) having its registered Office at _____ (herein after called the 'Agency' which expression unless repugnant to the Context shall mean and include its successors-in-interest assigns etc.) of the Second Party.

WHEREAS the "Client" is desirous to engage the "Agency" for providing Maintenance Service including Manpower for AIIMS, Raipur at Raipur on the terms and conditions stated below:-

- (a) All the Terms & conditions of the Tender document will form as the part of this Agreement.
- (b) The agency shall be solely responsible for compliance to provisions of various Labour, Industrial and any other Laws applicable and all Statutory Obligations such as Wages, Allowances, Compensations, EPF, Bonus, Gratuity, ESI etc. relating to personnel deployed in AIIMS, Raipur. The client shall have no liability in this regard.
- (c) The Agency shall be solely responsible for any Accident/Medical/Health related Liabilities/Compensation for the personnel deployed at it at AIIMS, Raipur site. The Client shall have no liability in this regard.
- (d) Any violation of Instructions/Agreement or Suppression of facts will attract cancellation of Agreement without any reference or any notice period.
- (e) The Contract can be terminated by giving 01 (One) Month Notice by the AIIMS, Raipur. (f) In case of Non-Compliance with the contract, the Client reserves its right to :-
 - (i) Cancel/Revoke the contract; and/or
 - (ii) Impose penalty up to 07% of the total Annual Value of Contract.
- (g) Performance Security/ Guarantee amounting to i.e. of 5% of the Tendered Value, whichever in the form of Fixed Deposit Receipt or Bank Guarantee form a scheduled Bank shall be furnished by the Agency at the time of signing of the Agreement.
- (h) The Agency Shall be fully responsible for timely monthly payment of wages i.e. by 07th of every month without fail and any other dues to the personnel deployed at AIIMS, Raipur as per rates mentioned in the schedule without any deductions except PF & ESI as admissible.
- (j) The personnel provided by the Agency will not claim to become the employees of AIIMS, Raipur and there will be no employee and Employer relationship between the personnel engaged by the Agency & AIIMS, Raipur.

(Signature of the Owner/ Proprietor of
the Agency/Firm with Seal)

(k) There would be no increase in rates payable to the Agency during the Contract Period except any revision by the MoH & FW, Govt. of India.

(l) The Agency also agrees to comply with annexed Terms & Conditions of the Tender and amendments thereto from time to time.

(m) Decision of Client in regard to interpretation of the Terms & Conditions of the Tender shall be final and binding on the Agency.

(n) The Agency shall ensure full compliance with Tax Laws of India with regard to this contract and shall be solely responsible for the same. The Agency shall keep Client fully indemnified against liability of Tax, Interest, Penalty and any other legal Liability etc. of the Agency in respect thereof, which may arise. No Service Tax will be paid by AIIMS, Raipur. The Books of Accounts of the Agency as regards this outsourcing work shall be open for examination by the Institute as and when required.

(o) In case of any dispute between the Agency and Client, Client shall have the right to decide. However, all matters of jurisdiction shall be at the Local Courts of Raipur.

(p) The Agency will provide Police Verification Certificate of each Employee within a period of 03 (Three) Months from the date of deployment except in respect of Ex-Servicemen and retired Government Employees. Failing this, the deployment shall be liable for cancellation.

(q) THIS AGREEMENT will take effect from the _____ day of _____ Month of _____ 2019 (Two Thousand Nineteen) and shall be valid for 01 (One) Year and extendable for another 01 (One) year on mutually agreeable conditions subject to satisfactory performance.

This day of _____ 2018, both the parties here to have caused their respective common seals to be hereunto affixed (or have hereunto set their respective hands and seals) the day and year mentioned above in Raipur in the presence of the witness :-

For and on behalf of the 'Agency'

For and on behalf of the 'AIIMS, Raipur'

Signature of the Authorized Official
(Name of the Official with Seal)

Signature of the Authorized Official
(Name of the Official with Seal)

By the said _____
_____ (Name)
_____ on behalf of 'Agency'
in presence of Witness _____
Name _____
Address _____

By the said _____
_____ (Name)
_____ on behalf of 'Agency'
in presence of Witness _____
Name _____
Address _____

Complaint Register Form

1. Name of Complainant:

2. Contact:

3. Type of Complaint: (Electrical/Civil/Plumbing/Any Other)

4. Details of complaint:-

.....
.....

Quarter No...../Common Area..... Type: (1 A,1B/ 2A,2B / 3A / 4 / 5 / GH/DB)

5.Nature of Complaint: (Urgent/General)

7. Date: / /2015

6.Material Replacement): YES/NO/CANT SAY

8. Time: (AM/PM)

7.Preferred time if any:-

(Complainant)

1. Complaint No.:.....

2. Complaint Attendee Name:.....Contact

No.:.....

3. Remark of the Attendee (Attended & Closed/Pending for material/Any

Other):.....

.....

.....

4. Material Approval By:.....(Telephonically/In writing)

Date & Time:.....

(Signature of Attendee)

Certified that the complaint has been satisfactorily attended. Remarks

(IfAny):.....

.....

(Signature of Complainant)

Details of Material Received:

(Signature of Contractor)

(Verified by AIIMS, RAIPUR)

Annexure-IVELECTRICAL MAINTENANCE COMPLAINT REGISTER

| S.No. | Date & Time | Complainant | Nature of complaint | Complaint attended Date & Time | Remarks | Signature of Contractor | Verified by AIIMS Representative |
|-------|-------------|-------------|---------------------|--------------------------------|---------|-------------------------|----------------------------------|
| | | | | | | | |

MINIMUM MANPOWER DEPLOYMENT SCHEDULE
(Electrical Substation & STP Maintenance Services)

A. The following manpower is to be deployed in daily shifts as mentioned against each:

| | | | Shift | | | | Total |
|---|---|---|-----------|-----------|-----------|-----------|-----------|
| | | | General | A | B | C | |
| | | | 0900-1730 | 0600-1400 | 1400-2200 | 2200-0600 | |
| 1 | | Operator cum Mechanic with helper in night shift campus | | | | | |
| | | Electrical | | | | | |
| | A | Operator cum Mechanic/Electrician | | | | 1 | 1 |
| | B | Helper | | | | 1 | 1 |
| | | | | | | | |
| 2 | | FOR ELECTRICAL SUB STATION OPERATION | | | | | |
| | A | S/S Operator | | 1 | 1 | 1 | 3 |
| | B | Helper | | 1 | 1 | 1 | 3 |
| | | | | | | | |
| 3 | | FOR SEWAGE TREATMENT PLANT OPERATION | | | | | |
| | | STP Operator | | 1 | 1 | 1 | 3 |
| | | Helper/Sweeper | 1 | | | | 1 |
| | | | | | | | |
| | | Total | | | | | 12 |

Qualification and experience of manpower for Electrical works:

| | |
|------------------------------|--|
| Supervisor /Brigad In-charge | Three year full time diploma in Electrical Engineer In-Charge with 5 year experience of maintenance of 33 KV/ 0.433 KV Sub-Station. 33AB Switch DG sets, etc |
| Electrician | Two year ITI certificate in Electrical trade having 3 year experience of maintenance of 33 KV/ 0.433 KV Sub-Station, DG sets, 33kV AB Switch etc |

- Note: -
1. Only licensed / certified electricians/operators shall be deployed.
 2. Preferably the other skilled worker deployed shall also be licensed/certified.
 3. All the above staff of the contract shall wear uniform and badges identifying their category and name in English and local language.
 4. In case of absence of any of the above mentioned workers under format III without providing suitable replacement, consequential cost of the labour shall be recovered and Engineer In-Charge's decision will be final in this regard.
 5. All complaints and work executed shall be properly recorded in the complaint register and documented. This register shall be kept at site office/service centre and abstract of daily complaint received/attended shall be recorded in the register and compiled list of monthly complaint shall be submitted on first day of every succeeding month. Biometric Attendance/register of staff deputed shall be maintained and kept at site office and duty chart of worker shall be displayed at site office/service centre.

SCHEDULES A to F
[FOR (ELECTRICAL) COMPONENT]

SCHEDULE 'A'

Schedule of quantities (Enclosed)

Annexure-VI (Electrical)

SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

| S.No. | Description of item | Quantity | Place of Issue | Rates in figures & words at which the |
|-----------------|---------------------|----------|----------------|--|
| | | | | Material will be charged to the contractor |
| 1 | 2 | 3 | 4 | 5 |
| ----- NIL ----- | | | | |

SCHEDULE 'C'

Tools and plants to be hired to the contractor

| Sl. No. | Description | Hire charges per day | Place of Issue |
|---------|-------------|----------------------|----------------|
| 1 | 2 | 3 | 4 |

NIL

SCHEDULE 'E'

General Conditions of Contract for CPWD

1. Reference to General Conditions of contract Works, 2014 as amended up to CON/302

NAME OF WORK: - “Annual Operation and Maintenance works at AIIMS Residential campus, Kabir Nagar, Raipur (C.G.)”

Sub Head: Day to day Operation, Maintenance & AMC of Sub Station, DG Set, Pump, Sewage Treatment Plant, Special repair, One Time Repair and Annual Maintenance work.

| | |
|-----------------------------|-------------------------------|
| Estimated cost of work | Rs.51, 09,628/- |
| (i) Earnest money: | Rs.1,03,000/- |
| (ii) Performance guarantee: | 5% of tendered value. |
| (iii) Security Deposit: | 2.5% of tendered value |

SCHEDULE 'F'**General Rules & Directions:**

Officer inviting tender -

**The Executive Engineer, Project Cell AIIMS,
Raipur**

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with **Clauses 12.2 & 12.3.**

see below

Definitions:

- 2(v) Engineer-in-Charge

**The Executive Engineer, Project Cell AIIMS,
Raipur**

- 2(viii) Accepting Authority

**The Executive Engineer, Project Cell AIIMS,
Raipur**

- 2(x) Percentage on cost of materials and Labour to cover all overheads and profits.

15% (Fifteen per cent)

- 2(xi) Standard schedule of Rates

For Electrical: - **Delhi Schedule of Rate 2018 for Internal Electrical Works** and Schedule of Rate 2018 for External Electrical Works with correction slips issued up to date of receipt of tender & Market rate.

- 2(xii) Department

Project Cell AIIMS Raipur

- 9(ii) Standard CPWD contract Form GCC-2014
CPWD Form 7/8 as modified & corrected upto

GCC-2014 DGW/CON/ 302

Clause 1

- (i) CONTRACT PERIOD for submission of performance guarantee from the date of issue of letter of acceptance : 07 days
- (ii) Maximum allowable extension with late fee @ 0.10% per day of performance guarantee amount beyond the period as provided in (i) above : 07 days

Clause 2

Authority for fixing compensation under clause 2 : Director/Superintending Engineer,
AIIMS Raipur

Clause 2A

Whether clause 2A shall be applicable : No

Clause 5

No. of days from the date of issue of letter of acceptance for reckoning date of start : 10 days

Milestone(s): - as per Table given below

Table of milestone(s)

Mile stone as per Electrical Work-

| S- No | Description of Milestone- (Physical) | CONTRACT PERIOD- (From date of start) | Amount to be withhold in case- of non-achievement of milestone as assessed from- the running payments |
|----------|---|--|--|
| 1. | | | |
| 2. | | Not Applicable | |
| 3. | | | |
| 4. | | | |

CONTRACT PERIOD for execution of work
Authority to decide

12 (Twelve) Months

(i) Extension of Time
Engineer,

Superintending Engineer/ Executive
AIIMS Raipur.

(ii) Rescheduling of mile stones

Not Applicable

Clause 6, 6A

Clause applicable (6 or 6A)

Clause – **6 A**

Clause 7

Gross work to be done together with net payment/adjustment of advances for material collected, if any since the last such payment for being eligible to interim payment

Rs. 5.00 Lakhs for Electrical Works

Clause10A

List of testing equipment to be provided by the contractor at site lab. **Not Applicable**

Clause10B

Whether clause 10B shall be applicable **Not Applicable**

Clause10C

Component of labour expressed as **15 %**
Percent of value of work

Clause10CA

| Material covered under this clause | Nearest materials (Other than cement, reinforcement bars and structural steel) for which All India Whole Sale Price Index is to be followed. | Base Price of all materials covered under clause 10 CA * |
|------------------------------------|--|--|
| 1 Cement | NA | 1. /- Per MT |
| 2 Steel reinforcement | NA | 2. /- Per MT |
| 3 Structural steel | NA | 3. /- Per MT |

Clause10CC

Clause 10CC to be applicable in contracts with stipulated period of compensation exceeding the period shown in next column : **Not Applicable**

Clause 11

Specifications to be followed for execution of work

For Electrical :BIS, CPWD Specification for Electrical works Part-I (Internal) 2013, Part-II (External) 1994 – amended upto date of receipt of tender.

Clause 12

12.2 & 12.3

Deviation limit beyond which clauses 12.2 & 12.3 shall apply for overall work (Other than civil) 50%

Deviation limit beyond which clauses 12.2 & 12.3 shall apply for cable & wire 50%

Clause 16

Competent Authority for deciding reduced rates.

For Electrical :

Superintending Engineer, AIIMS Raipur

Clause 18

List of mandatory machines, tools and plants to be deployed by the contractor at site.

As required by Engineer - in - Charge

Clause 25

Executive Engineer, AIIMS Raipur

Clause 36(i)

Applicable

“Requirement of Technical Representative(s) and Recovery Rate for Electrical works

| SNo | Minimum Qualification of Technical Representative | Discipline | Designation (Principal Technical / Technical representative) | Minimum experience | Number | Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of Clause 36(i) | |
|-----|---|------------|--|--------------------|----------|---|--------------------------------|
| | | | | | | Figures | Words |
| 1. | Graduate Engineer | Electrical | Principal Technical Representative | 2 | 1 | Rs. 15,000/- p.m. | (Rupees Fifteen Thousand Only) |
| | Or Diploma Engineer | Electrical | | 5 | 1 | Rs. 15,000/- p.m. | |

~~“Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers.”~~

Clause 42 (Not applicable for Electrical works)**RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION**

| Sl No. | Description of item | Rates in figures and words at which Recovery shall be made from the Contractor | |
|--------|---------------------|--|---|
| | | Excess beyond Permissible variation | Less use beyond the permissible variation |
| 1. | Cement | N.A. | |
| 2. | Steel Reinforcement | N.A. | |

Instructions for Online Bid Submission:

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

REGISTRATION

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link "Online bidder Enrollment" on the CPP Portal which is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- 2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the
- 3) Number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 4) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- 5) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

- 1) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as "offline" to pay the tender fee / EMD as applicable and enter details of the instrument.
- 4) Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- 5) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

- 7) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 8) The documents being submitted by the bidders would be encrypted using PKI encryption all techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key.
- 9) Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 10) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 11) Upon the successful and timely submission of bids (ie after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 12) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
 - 2) **Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk number 0120-4200462, 0120-4001002.**
 - 3) For any further assistance, please contact to the office of Executive Engineer, AIIMS Raipur through e-mail: ee.civil@aiimsraipur.edu.in before the opening of tender date.
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खंडन

यह निविदा अखिल भारतीय आयुर्विज्ञान संस्थान, रायपुर (छ.ग.) के लिये बोलीदाताओं/फर्म/एजेंसी इत्यादि से प्रस्ताव नहीं बल्कि प्रस्ताव प्राप्त करने का निमंत्रण है संविदात्मक दायित्व तब तक नहीं होगा जब तक औपचारिक अनुबंध पर हस्ताक्षर नहीं किया जाता और चयनित बोलीदाताओं/फर्म/एजेंसी इत्यादि के साथ एम्स रायपुर के विधिवत अधिकृत अधिकारियों के द्वारा निष्पादित किया गया हो।

DISCLAIMER

This tender is not an offer by the All India Institute of Medical Sciences, Raipur, but an invitation to receive offer from bidders/firm/agency etc. No. contractual obligation whatsoever shall arise from this tender process unless and until as formal contract is signed and executed by duly authorised officers of AIIMS, Raipur with the selected bidder/firm/agency.

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