



सत्यमेव जयते



Tender Document

Tender Reference Number

: SE-C/AIIMS/BLS/2026-27/MEP/08

Three shift Operation and Maintenance of 33/0.415KV substations including incoming and outgoing overhead and underground feeders installed at AIIMS Bilaspur, HP

PRESS NOTICE

AIIMS BILASPUR H.P. ENGINEERING DEPARTMENT

NOTICE INVITING e-TENDER

The Superintending Engineer, AIIMS Bilaspur H.P. on behalf of the Executive Director, AIIMS Bilaspur, HP invites online **Item Rate Bids** in Two Bid System from the approved and eligible CPWD registered contractors in appropriate class in Building and Road category or approved & eligible contractors of MES, State PWD's, BRO, Departments'/construction wings of Railways, Defence, Environment & Forests , Information & Broadcasting, Department of Posts/Space, Central Public Sector Undertakings (CPSUs), State Public Sector Undertakings (SPSUs)/ Corporations/ Development Authorities, Public Sector Banks (CPSBs), Public Sector Insurance Companies (CPSICs), Financial Institutions (FIs), Autonomous Bodies (ABs), Central/State Universities, Central/State Electricity Boards etc. dealing in Electrical Works and who satisfies the criteria of execution of similar work for the following work:

Name of Work : Three Shift Operation and Maintenance of 33/.415KV Substations including Incoming and Outgoing Overhead & Underground Feeders Installed at AIIMS Bilaspur, HP.

NIT No : **SE-C/AIIMS/BLS/2026-27/MEP/08.**

Estimated Cost : **Rs. 1,44,92,246/-**

Earnest Money : **Rs.2,89,845/-**

Security Deposit : **2.5%** of the tendered and accepted value of work.

Performance Guarantee : **5.0%** of the tendered and accepted value of work.

Time Period for completion: 365 days.

The Original EMD as scanned & uploaded shall be deposited physically by all the intending bidders in the office of Executive Engineer (Civil), AIIMS Bilaspur H.P before eligibility bid opening date and time failing which the bid shall be treated as invalid.

Last date and time of submission of Bid: As per CPPP

Date and time of opening of Eligibility bid: As per CPPP

The tender forms and other details can be obtained from the website: <https://eprocure.gov.in/eprocure/app> and official website of the AIIMS BILASPUR (HP) <https://www.aiimsbilaspur.edu.in>.

Press notice is also available on www.eprocure.gov.in. The Contractors are requested to get their firm registered on the website [https://eprocure.gov.in/eprocure /app](https://eprocure.gov.in/eprocure/app) for participating in e-tendering process.

The bid forms and other details can be obtained from the website <https://eprocure.gov.in>.

Superintending Engineer
AIIMS Bilaspur H.P.

INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING

1. The Superintending Engineer-Civil, AIIMS Bilaspur, H.P. on behalf of the Executive Director, AIIMS Bilaspur, HP invites online **Item Rate Bids in Two Bid System** from the approved and eligible CPWD registered contractors' in appropriate class in Building and Road category or approved & eligible contractors of MES, State PWD's, BRO, Departments'/construction wings of Railways, Defense, Environment & Forests , Information & Broadcasting, Department of Posts/Space, Central Public Sector Undertakings (CPSUs), State Public Sector Undertakings (SPSUs)/ Corporations/ Development Authorities, Public Sector Banks (CPSBs),Public Sector Insurance Companies (CPSICs), Financial Institutions (FIs),Autonomous Bodies (ABs), Central/State Universities, Central/State Electricity Boards etc. dealing in Electrical Works and for the following work:

Sr. No.	NIT No.	Name of work & Location	Estimated cost put to tender	Earnest Money	Period of Completion	Last date & time of submission of online bid, submission documents as specified in the NIT.	Last date of submission of all the scanned and uploaded documents as specified in the NIT in physical form by the lowest bidder	Time & date of opening of online tender
1	2	3	4	5	6	7	8	9
1	SE-C/AIIMS/BLS/2026-27/MEP/08	Three Shift Operation and Maintenance of 33/0.415KV Substations including Incoming and Outgoing Overhead & Underground Feeders Installed at AIIMS Bilaspur, HP.	Rs. 1,44,92,246/-	Rs. 2,89,845/-	12 months	As per CPPP	Within one week after the date of opening of financial bid	As per CPPP

2. The bid document consisting of drawings, 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 from website <https://eprocure.gov.in> free of cost.
3. The enlistment of the contractors should be valid on the last date of submission of bids.
4. In case only the last date of submission of bid is extended, the enlistment of contractor should be valid on the original date of submission of bids.
5. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online tendering process as per details available on the website. The intending bidder must have valid Class-III Digital Signature to submit the bid.
6. Earnest Money can be paid in the form of or Demand Draft or Pay Order or Banker's Cheque in or Deposit at call receipt or Fixed Deposit Receipts (**drawn in favour of Miscellaneous Fund, AIIMS Bilaspur, HP**) along with Bank Guarantee of any Scheduled Bank wherever applicable.
7. The intending bidder has to fill all the details such as Banker's name, Demand Draft/ Fixed Deposit Receipt/ Pay Order/ Banker's Cheque/ Bank Guarantee number, amount and date to the e-tendering website within the period of tender submission and original should be deposited in the office of Executive Er.-Civil,AIIMS Bilaspur, HP within the period mentioned in this NIT.
8. The amount of EMD can be paid by multiple Demand Draft/Pay Order/ Banker's Cheque / Deposit at call receipt / Fixed Deposit Receipts along with multiple Bank Guarantee of any Scheduled Bank if EMD is also acceptable in the form of Bank Guarantee.
9. Interested bidders/contractors who wish to participate in the bid would be required to ensure mandatory/prerequisite payments in the form of Demand Draft/Pay order or Bankes Cheque of any Scheduled Bank within the period of tender submission as follows:
 - a) The online bid shall be submitted up to as per CPPP.
 - b) The submitted bid shall be opened as date prescribed on CPPP .
10. The bid submitted shall become invalid & shall be considered as rejected if,
 - i) The bidder is found ineligible.
 - ii) The bidder does not upload /Demand Draft/Pay Order or Banker's

Cheque/Deposit at Call Receipt/FDR/Bank Guarantee of any Scheduled Bank against EMD and does not deposit original EMD within prescribed date and time.

- iii) The bidder does not upload all documents (including GST registration/undertaking as applicable/relevant) and as stipulated in the bid document. (e.g. Valid Enlistment Order of the CPWD registered Contractor in appropriate class of composite (B&R) category or approved & eligible contractors of MES, State PWD's, BRO, Departments'/construction wings of Railways, Defense, Environment & Forests , Information & Broadcasting, Department of Posts/Space, Central Public Sector Undertakings (CPSUs), State Public Sector Undertakings (SPSUs)/ Corporations/ Development Authorities, Public Sector Banks (CPSBs),Public Sector Insurance Companies (CPSICs), Financial Institutions (FIs),Autonomous Bodies (ABs), Central/State Universities, Central/State Electricity Boards etc.
- iv) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of tender opening authority.
- v) If a tenderer quotes Nil rates against each item in Item Rate Tender or does not quote any percentage above/below on the total amount of the tender or any section/sub-head in percentage tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

11. List of Documents to be scanned and uploaded within the period of Tender Submission:

- (i) Demand Draft/Pay Order or Banker's Cheque/Deposit at Call Receipt/FDR/Bank Guarantee of any Scheduled Bank against EMD.
- (ii) Valid Enlistment Order of the CPWD registered Contractor in appropriate class of composite (B&R) category or approved & eligible contractors of MES , State PWD's, BRO, Departments'/construction wings of Railways, Defense, Environment & Forests , Information & Broadcasting, Department of Posts/Space, Central Public Sector Undertakings (CPSUs), State Public Sector Undertakings (SPSUs)/ Corporations/ Development Authorities, Public Sector Banks (CPSBs),Public Sector Insurance Companies (CPSICs), Financial

Institutions (FIs), Autonomous Bodies (ABs), Central/State Universities, Central/State Electricity Boards etc.

- (iii) Certificate of Registration for GST, if already obtained by the bidder. If the bidder has not obtained GST registration as applicable, then he shall scan and upload following undertaking along with bid documents "If work is awarded to me, I/we shall obtain GST registration certificate, as applicable, within one month from the date of receipt of award letter or before release of any payment by AIIMS Bilaspur H.P, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by AIIMS Bilaspur H.P or GST department in this regard"
 - (iv) Valid Electrical License issued by U.Ts / Electricity Department/any state electricity boards.
 - (v) Should have Certificate of Registration for GSTIN.
 - (vi) Should have valid PAN.
12. The following conditions which already form part of the tender document are specially brought to the notice of all intending bidders for compliance while filling the tender. They are requested to comply following instructions:
- a) After submission of the bid the contractor can re-submit revised bid any number of times but before last date and time of submission of bid as notified.
 - b) While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last date and time of submission of bid as notified.
 - c) In case of composite tenders, the contractor submitting the tender should read all the three Parts of the tender viz. Part-A, B & C, which are containing schedule of quantities, additional & special conditions, additional specifications, particular specification and other terms and conditions given in the NIT and drawings for major as well as minor component of work. Details of these parts are summarized as under:
 - Part A: - CPWD-6, CPWD-7 including schedule A to F for major and minor component of the work, Standard General Conditions of

Contract for CPWD 2023 as amended/ modified up to last date of submission of bid.

- Part B: - General/specific conditions & specifications and schedule of quantities applicable to major and minor component of the work.
- Part C: - Schedule of quantities applicable to major and minor component of the work.

d) Tenders with any condition including that of conditional rebates shall be rejected forthwith.

e) GST and Labour-Cess etc. as applicable shall be borne by the contractor himself. The contractor shall quote his rates considering all such taxes and hence their quoted rates should be inclusive of all the tax components.

f) It will be obligatory on part of the Contractor/ Bidder to tender for and sign the tender documents for all the component parts. The institute reserves right to accept tender in full or in part without assigning any reasons.

g) The intending bidder must read the terms and conditions of Form-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.

h) The enlistment of the contractors should be valid on the last date of submission of bids. In case the last date of opening of bid is extended, the enlistment of contractor should be valid on the original date of opening of tender.

13. On opening date, the contractor can login and see the bid opening process. After opening of bids, he will receive the competitor bid sheets.
14. Contractor can upload documents in the form of JPG format and PDF format.
15. In addition to this, while selecting any of the cells a warning appears that 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).
16. The required documents meeting the criteria to qualify as "approved and eligible contractors of CPWD or approved & eligible contractors of MES, State PWD's, BRO, Departments'/construction wings of Railways, Defense, Environment & Forests , Information & Broadcasting, Department of Posts/Space, Central Public Sector Undertakings (CPSUs), State Public Sector Undertakings (SPSUs)/ Corporations/ Development Authorities, Public Sector Banks (CPSBs),Public Sector Insurance Companies (CPSICs), Financial

Institutions (FIs), Autonomous Bodies (ABs), Central/State Universities, Central/State Electricity Boards etc” along with other documents as mentioned under para “List of Documents to be scanned and uploaded within the period of bid submission” below, as uploaded by the agency and hard copies received subsequently shall be checked. The financial bid of only those agencies shall be opened who are found to be eligible agencies, as per this NIT.

17. The institute reserves the right to reject any prospective bid without assigning any reason.
18. Information and instructions for contractors for e-tendering forming part of NIT and to be posted on website.
 - (i) Information and instructions for contractors will form part of NIT and to be uploaded on website.
 - (ii) The intending bidder must have Class-III Digital Signature to submit the bid.
19. The online **Item Rate** (s) must be quoted in decimal coinage. Amount shall be calculated and rounded in full rupees by ignoring fifty paisa and considering more than fifty paisa as rupee one.
20. The successful bidder shall be required to submit a Performance Guarantee of 5% (Five percent) of the contract amount/tender accepted value within a period of issue of letter of acceptance as specified in schedule 'F'.
21. GST on materials as applicable shall be paid by the contractor himself. The contractor shall quote his rates considering all such taxes.
22. Electrical design and drawings, as well as services designs and drawings (as applicable) shall be submitted by bidder to Engineer in-Charge for issuance.
23. Intending bidder may submit physical mile stone on the basis of their resources and methodology at the time of tendering as indicated in the “Schedule F”, otherwise it will be assumed that agency is agreeable to mile stones mentioned in the table.
24. Intending bidder may give detailed activities/programme for each mile stone fixed in the tender document while submitting the tender.
25. Recovery rates for less use of materials beyond permissible limits is given in Schedule 'F' of Part-A & also for excess use of departmentally issued material.
26. Information and instruction for e-tendering:

- (i) The Executive Engineer-Electrical, AIIMS Bilaspur H.P. should receive the original EMD on behalf of the tender inviting authority/Superintending Engineer-Civil AIIMS Bilaspur H.P.
27. The contractor shall comply with the "Solid Waste Management Byelaws & "Construction & Demolition Rules 2016" including amendments. Any penalty imposed by the competent authority on account of non-compliance of these provisions, if not deposited in time by the contractor, would be recovered from the payment due to the contractor.
28. The scope of work taken in this contract can be increased/decreased as per Requirement of the AIIMS Bilaspur (HP).
29. The intending bidders are required to upload their bids well in advance of last date of submission of tender. Any issue related to uploading tender can be resolved through the Executive Engineer (Civil) or NIC support email-id. The e-tendering bidders are also advised not to wait to raise any issues till the last date of submission of bid in their own interest.
30. Contractors who fulfill the following requirements shall be eligible to apply.
- (i) Joint ventures are not accepted.
- (ii) Should have satisfactorily completed the similar works as mentioned below during the last Seven (7) years ending last day of the month previous to the one in which tenders are invited.
- a. **Three similar works** each costing not less than **Rs. 57.96 Lakhs**, or
- b. **Two similar works** each costing not less than **Rs. 72.46 Lakhs** or
- c. **One similar work** costing not less than **Rs. 115.93 Lakhs**.
- The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to previous day of last day of submission of tenders.
- (iii) Should have had Average Annual Financial Turnover of **Rs. 43.47 Lakhs** on Electrical works during the last three years ending 31st March 2025 (Scanned copy of certificate from CA with Unique Document Identification Number (UDIN) to be uploaded). The value of annual turnover figures shall be brought to the current value by enhancing the actual turnover figures at simple rate of 7% per annum. (OM No. DG/SOP 2022/07 dated 09.11.2022).

(iv) Should have Financial Soundness as per appendix "A" (in ₹).

a) Solvent upto ₹ 100.00 Lakh

OR

.Financially sound for engagement upto ₹ 300.00 lakh

b) Working capital not less than ₹ 12.00 lakh

(v) Should have bidding capacity equal to or more than the estimated cost of the work put to tender (**Scanned copy of the original certificate issued by a certified Chartered Accountant to be uploaded**). The bidding capacity shall be worked out by the following formula:

$$\text{Bidding Capacity} = \{[A \times N \times 1.5] - B\}$$

Where,

A = Maximum turnover in construction / maintenance works executed in any one year during the last seven years taking into account the completed as well as works in progress. The value of completed works shall be brought to current costing level by enhancing at a simple rate of 7% per annum.

N = Number of years prescribed for completion of work for which bids have been invited.

B = Value of existing commitments and ongoing works to be completed during the period of completion of work for which bids have been invited.

(vi) To become eligible, the bidders shall have to furnish an affidavit on Non-Judicial Stamp Paper duly attested by a Public Notary or District Magistrate as under:-

"I/We undertake and confirm that eligible of 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 Department, then I/we shall be debarred for bidding in AIIMS Bilaspur (HP) in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount Earnest Money Deposit/Performance Guarantee". (Scanned copy to be uploaded at the time of submission of bid)

(vii) The completion certificate should be certified by a designated officer of a firm/owner for whom work is executed (if private works are shown in support of eligibility, certified copy of the tax deducted at source certificate (TDS) shall be submitted along with the experience certificate and the TDS amount shall tally with the actual amount of work done.

31. Similar work means "**SITC of atleast 33KV Electrical Substation or operation and Maintenance of atleast 33 Kv Electrical Substation**."

Superintending Engineer,
AIIMS Bilaspur, H.P.

1. The Superintending Engineer, AIIMS Bilaspur H.P. on behalf of the Executive Director, AIIMS Bilaspur, HP invites online **Item Rate Bids** from the approved and eligible CPWD registered contractors' class in Building and Road category or approved & eligible contractors of MES, State PWD's, BRO, Departments'/construction wings of Railways, Defense, Environment & Forests , Information & Broadcasting, Department of Posts/Space, Central Public Sector Undertakings (CPSUs), State Public Sector Undertakings (SPSUs)/ Corporations/ Development Authorities, Public Sector Banks (CPSBs),Public Sector Insurance Companies (CPSICs), Financial Institutions (FIs),Autonomous Bodies (ABs), Central/State Universities, Central/State Electricity Boards etc. for the work of Three Shift Operation and Maintenance of 33/.415KV Substations including Incoming and Outgoing Overhead & Underground Feeders Installed at AIIMS Bilaspur, HP. The enlistment of the contractors should be valid on the last submission of bids. In case the last date of submission of bid is extended, the enlistment of contractor should be valid on the original date of submission of bids.
 - 1.1 The work is estimated to cost **₹ 14492246 /-.** This estimate, however, is given merely as a rough guide.
 - 1.1.1 The eligibility of bidders will correspond to the combined estimated cost of different components put to bid.
2. Agreement shall be drawn with the successful bidder on the prescribed Form No. CPWD 7 (or other Standard Form as mentioned) which is available as a Govt. of India Publication and also available on website www.cpwd.gov.in. Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
3. The time allowed for carrying out the work will be **12 month(s)** from the date of start as defined in Schedule 'F' 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.
4. The site for the work is available.
5. The bid document consisting of relevant building plans, drawings, 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 except Standard General Conditions of Contract Form-2023 **(with amendment)** can be seen from website <https://eprocure.gov.in> free of cost.

6. After submission of the bid the contractor can re-submit revised bid any number of times but before last date and time of submission of bid as notified.
7. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last date and time of submission of bid as notified.
8. Earnest Money **Rs. 2,89,845/-** in the form of Demand Draft or Pay Order or Banker's Cheque or Deposit at call receipt or Fixed Deposit Receipt (**drawn in favour of Miscellaneous Fund, AIIMS Bilaspur, HP**) shall be scanned and uploaded to the e-tendering website within the period of bid submission.

The original EMD should be deposited in the office of Executive Engineer-Electrical, AIIMS Bilaspur H.P (on behalf of the Superintending Er.-Civil, inviting bids within the period of bid submission).The EMD receiving Executive Engineer- Civil AIIMS Bilaspur H.P shall issue a receipt of deposition of earnest money deposit to the bidder in the relevant prescribed format (enclosed) uploaded by tender inviting authority (i.e. SE-Civil AIIMS Bilaspur H.P) in the NIT.

The receipt shall also be uploaded to the e-tendering website by the intending bidder up to the specified bid submission date and time.

A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or Rs. 20 lakhs, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any scheduled bank having validity for 90 days or more from last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

9. Copy of Enlistment Order and certificate of work experience along with respective completion certificate and other documents as specified in the press notice shall be scanned and uploaded to the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in press notice shall have to be submitted by the lowest bidder only within a week physically in the office of tender opening authority.
10. Online bid documents submitted by intending bidders shall be opened only of those bidders, whose EMD is received before Tender Opening date & Time in the office of Executive Engineer (Civil), AIIMS Bilaspur, HP and other documents scanned and uploaded are found in order.
11. The bid submitted shall become invalid if,

- i) The bidder is found ineligible.
 - ii) The bidder does not upload /Demand Draft/Pay Order or Banker's Cheque/Deposit at Call Receipt/FDR/Bank Guarantee of any Scheduled Bank against EMD and does not deposit original EMD within prescribed date and time.
 - iii) The bidder does not upload all documents (including GST registration/undertaking as applicable/relevant) and as stipulated in the bid document. (e.g. Valid Enlistment Order of the CPWD registered Contractor in appropriate class of composite (B&R) category or approved & eligible contractors of MES, State PWD's, BRO, Departments'/construction wings of Railways, Defense, Environment & Forests , Information & Broadcasting, Department of Posts/Space, Central Public Sector Undertakings (CPSUs), State Public Sector Undertakings (SPSUs)/ Corporations/ Development Authorities, Public Sector Banks (CPSBs),Public Sector Insurance Companies (CPSICs), Financial Institutions (FIs),Autonomous Bodies (ABs), Central/State Universities, Central/State Electricity Boards etc.
 - iv) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of tender opening authority.
 - v) If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section/sub-head in percentage tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
12. The contractor whose Bid is accepted, will be required to furnish **performance guarantee of 5% (Five Percent) of the bid amount/ tender accepted value** within the period specified in Schedule F. This guarantee shall be in the form of Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any Scheduled Bank or Institute Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', 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 bid shall be returned after receiving the aforesaid performance guarantee. The contractor shall not be eligible for further tender for a period of one year if after opening of the tender,the contractor withdraws or modify bid during period of validity of tender or after award of work fail to sign the contract or submit performance guarantee before deadline defined in bid document.

13. Intending Bidders are advised to inspect and examine the actual work location, site and its surroundings and satisfy themselves before submitting their bids as to the nature of the Substations, HT/LT Lines, etc. (so far as is practicable), the form and nature of the site, 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 upon 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 and rates at which stores, tools and plant, etc. will be issued to him by the Institute (if applicable) and local conditions and other factors having a bearing on the execution of the work. Nothing extra shall be payable to the successful bidder for any type of existing restricted conditions with regard to the above.
14. The competent authority or the Executive Director, AIIMS Bilaspur, HP 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 bidders shall be summarily rejected.
15. 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 for rejection.
16. The competent authority or the Executive Director, AIIMS Bilaspur, HP reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the quoted rates.
17. GST or any other tax applicable in respect of inputs procured by the contractor for this contract shall be payable by the Contractor and the Institute (i.e. AIIMS Bilaspur H.P) will not entertain any claim whatsoever in respect of the same. However, component of GST at time of supply of service (as provided in CGST Act 2017) provided by the contract shall be varied if different from that applicable on the last date of receipt of tender including extension if any.
18. The contractor shall not be permitted to bid for works in the office responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending 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 Bilaspur, HP or in the Ministry of Health & Family Welfare. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.

19. No Engineer of Gazetted rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Institute (i.e. AIIMS Bilaspur H.P.) is allowed to work as a contractor for a period of one year after his retirement from the institute service, without prior permission of the competent Authority i.e. Executive Director, AIIMS Bilaspur, HP 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 Institute of India as aforesaid before submission of the bid or engagement in the contractor's service.
20. The bid for the works shall remain open for acceptance for a period of **Seventy-Five (75)** days from the date of opening of technical bid. If any bidders withdraw his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the Institute shall, without prejudice to any other right or remedy, be at liberty to forfeit 100% of the said earnest money as aforesaid. Further, the bidders shall not be allowed to participate in the retendering process of the work.
21. 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:-
 - a) 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 the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
 - b) Form GCC 2023, CPWD Form 7 modified and amended up-to last date of online submission of bids.

For & on behalf of the the Executive Director, AIIMS Bilaspur, HP.

Signature

Superintending Engineer
AIIMS Bilaspur H.P.

CHECK LIST FOR CONTRACTORS FOR SUBMISSION OF TENDERS ONLINE:

1. TENDER TO BE WITNESSED AT RELEVANT PAGE OF TENDERED DOCUMENTS AT THE TIME OF DRAWING AGREEMENT WITH THE SUCCESSFUL BIDDER.
2. THE TENDER / TENDERS CONTAINING CONDITIONS CONTRARY TO THOSE SPECIFIED IN THIS DOCUMENT SHALL BE SUMMARILY REJECTED.
3. IN SCHEDULE OF QUANTITIES APPENDED TO THE TENDER DOCUMENTS AT RELEVANT SECTION OF THE SUBJECT TENDER WORK, THE RATES MUST BE FILLED ITEM WISE AS PER THE DETAILS/INSTRUCTIONS INDICATED ON THE SCHEDULE OF QUANTITY PAGE.
4. THE CONTRACTOR(S) SHALL QUOTE THE RATES KEEPING IN MIND, GENERAL CONDITIONS OF CONTRACT OF CPWD WORKS-2023 AS CORRECTED AND AMENDED UPTO DATE, SPECIAL CONDITIONS AND PARTICULAR SPECIFICATIONS, ANNEXURES ETC.
5. CRITERIA FOR ENGAGEMENT OF SPECIALIZED AGENCIES HAVE BEEN LAID AT TENDER/FORM WHICH MAY BE NOTED.
6. SITE TEST REGISTERS & MAS REGISTERS TO BE MAINTAINED BY CONTRACTOR: - ALL TEST REGISTERS AND MATERIAL AT SITE REGISTERS SHALL BE MAINTAINED BY THE CONTRACTOR WHICH WILL BE REVIEWED BY THE OFFICERS OF AIIMS BILASPUR H.P AT REGULAR INTERVALS.
7. THE FIRM MUST UPLOAD THE NECESSARY DOCUMENTS AS MENTIONED IN LIST OF DOCUMENTS TO BE SCANNED AND UPLOADED WITHIN THE PERIOD OF BID SUBMISSION AT PAGE 11 OF BID DOCUMENTS.
8. IF ANY DISCREPANCY IS NOTICED BETWEEN UPLOADED EMD AT THE TIME OF SUBMISSION OF BID AND ORIGINAL EMD SUBMITTED PHYSICALLY BY THE BIDDERS IN THE OFFICE OF THE BID OPENING AUTHORITY, THE BID SUBMITTED SHALL BECOME INVALID.
9. IT MAY BE NOTED THAT IN THE PRESENT CONTRACT CLAUSE NOS10C AND 10CC ARE NOT APPLICABLE.
10. ONCE THE BID UPLOADED BY THE BIDDER IS WITHDRAWN, HE WILL NOT BE ALLOWED TO RESUBMIT HIS BID, HOWEVER, HE CAN EDIT HIS BID ANY NUMBER OF TIMES BUT BEFORE LAST DATE & TIME OF SUBMISSION OF BID.

PROFORMA FOR EARNEST MONEY DEPOSIT DECLARATION

Whereas, I/We,(name of agency) have submitted bids for.....
.....
..... ..(name of work).

I/We, hereby submit following declaration in lieu of submitting Earnest Money Deposit.

- 1) If, after the opening of tender, I/We withdraw or modify my/our bid during the period of validity of tender (including extended validity of tender) specified in the tender documents.
or
- 2) If, after the opening of tender, I/We fail to sign the contract, or to submit performance guarantee before the deadline in the tender documents.

I/we shall be suspended for one year and shall not be eligible to bid for AIIMS Bilaspur H.P. tenders from date of issue of suspension order.

Signature of the contractor (s)

FORM NO.-7 FOR E-TENDERING	AIIMS Bilaspur, HP
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Central Autonomous Institute under MoHFW AIIMS Bilaspur, HP

STATE:	H.P	CIRCLE:	Engineering Department
BRANCH:	Electrical	DIVISION:	Electrical
REGION	H.P	SUB-DIV.:	-----

ONLINE ITEM RATE TENDER & CONTRACT FOR WORKS

(A) Tender for the work of

Name of Work : Three Shift Operation and Maintenance of 33/0.415KV Substations including Incoming and Outgoing Overhead & Underground Feeders Installed at AIIMS Bilaspur, HP.

- (i) To be submitted online by date and time as per CPPP through website <https://eprocure.gov.in> to Superintending Engineer, AIIMS Bilaspur, HP.
- (ii) To be opened through online in presence of tenderers who may be present at bid opening date and time as per CPPP in the office of Superintending Engineer, AIIMS Bilaspur, HP.

ON NON-JUDICIAL STAMP PAPER OF MINIMUM Rs. 100

(Guarantee offered by Bank in connection with the execution of contracts)

FORM OF BANK GUARANTEE

**(For Earnest Money Deposit/Performance Guarantee/Security Deposit/
Mobilization Advance)**

1. Whereas the Superintending Er. Civil, Engineering Department AIIMS Bilaspur ,HP on behalf of the Executive Director, AIIMS Bilaspur, HP (hereinafter called "The Institute") has invited bids under.....
(NIT number).....dated for Three Shift Operation and Maintenance of 33/.415KV Substations including Incoming and Outgoing Overhead & Underground Feeders Installed at AIIMS Bilaspur, HP (name of work). The Institute has further agreed to accept **irrevocable Bank Guarantee for Rs** **(Rupees**
.....only) valid up to
(date)* **as Earnest Money Deposit from**
.....
.....
(name and address of contractor) (hereinafter called "the contractor") for compliance of his obligations in accordance with the terms and conditions of the said NIT.

OR**

Whereas the Superintending Er. Civil, Engineering Department AIIMS Bilaspur ,HP on behalf of the the Executive Director,AIIMS Bilaspur, HP (hereinafter called "The Institute") has entered into an agreement bearingnumber.....with.....
..... (name and address of the contractor) (hereinafter called "the Contractor") for execution of work Three Shift Operation and Maintenance of 33/.415KV Substations including Incoming and Outgoing Overhead & Underground Feeders Installed at AIIMS Bilaspur, HP (name of work).The Institute has further agreed to accept an irrevocable Bank Guarantee for Rs.....
(Rupees.....
only) valid **up-to.....** (date) as **Performance Guarantee/Security Deposit/Mobilization Advance** from the said Contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.

2. We,
(indicate the name of the bank) (herein after referred to as "the Bank") hereby undertake to pay to the Institute an amount not exceeding Rs

..... (Rupees.....
.....only) on demand by the Institute within 10 days of the demand.

3. We, (indicate the name of the bank) do here by undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from Institute stating that the amount claimed is required to meet the recoveries due or likely to be the said Contractor. 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).
4. We,(indicate the name of the bank), further undertake to pay the Institute any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any Court or Tribunal, our liability under this Bank Guarantee being absolute and unequivocal. The payment so made by us under this Bank Guarantee shall be a valid discharge of our liability for payment there under and the Contractor shall have no claim against us for making such payment.
5. We,.....(indicate the name of the bank), further agree that the Institute shall have the fullest liberty without our consent and without affecting in any manner our obligation here under to vary any of the terms and conditions of the said agreement or to postpone for any time or from time to time any of the powers exercisable by the Institute against the said contractor and to forbear or enforce any of the terms and condition related to the said agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said contractor or for any forbearance, act of omission on the part of the Institute or any indulgence by the Institute to the said contractor 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.
6. We,.....(indicate the name of the bank), further agree that the Institute as its option shall be entitled to enforce this **guarantee** against the bank as a principal debtor at the first instance without proceeding against the contractor and notwithstanding any security or other guarantee the Institute may have in relation in the contractor's liabilities.
7. This guarantee will not be discharged due to the change in the constitution of the Bank of the Contractor.

8. We,.....(indicate the name of the Bank)..... undertake not to revoke this **guarantee** expect with the consent of the Institute in writing.
9. The Bank Guarantee shall be valid **up to**unless extended on demand by the Institute Notwithstanding anything mentioned above, our liabilities against the **guarantee** is restricted to Rs..... (Rupees.....Only) and unless a claim in writing is lodged with us within the date of expiry of extended date of expiry of this **guarantee**, all our liabilities under this **guarantee** shall stand discharged.

Date

Witnesses:

1. Signature
Name and address

2. Signature
Name and address

Authorized Signatory
Name
Designation
Staff Code No.
Bank Seal

*Date to be worked out on the basis of validity period of 90 days where only financial bids are invited and 180 days for two/three bid system from the date of submission of tender.

**In paragraph 1, strike out the portion not applicable. Bank Guarantee will be made either for earnest money or for performance guarantee/ security deposit/ mobilization advance, as the case may be.

AFFIDAVIT

I/We have submitted a bank guarantee for the work of Three Shift Operation and Maintenance of 33/.415KV Substations including Incoming and Outgoing Overhead & Underground Feeders Installed at AIIMS Bilaspur, HP. **(Name of work)**

Agreement No. _____ **dated**
_____ **from** _____

_____ **(Name of the Bank with full address)** to the Executive Er. Electrical, AIIMS Bilaspur H.P, Engineering Department with a view to seek exemption from payment of performance guarantee in cash. This Bank guarantee expires on _____.

I / We undertake to keep the validity of the bank guarantee intact by getting it extended from time to time at my/our own initiative up to a period of _____ months after the recorded date of completion of the work or as directed by the Engineer in charge.

I / We also indemnify the Institute against any losses arising out of non-encasement of the bank guarantee if any.

(Deponent)

Signature of Contractor

Note : The affidavit is to be given by the Executants before a first-class Magistrate.

TENDER

I/We have read and examined the Notice Inviting Tender, Schedule A, B, C, D, E & F, Specifications applicable drawings & designs, General Rules and Directions, Conditions of Contract, Clauses of Contract, Special Conditions, Schedule of Rate and other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the the Executive Director, AIIMS Bilaspur, HP within the time specified in Schedule 'F', Schedule of Quantities and in accordance/ in all respects with the Specifications, Designs, Drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of Contract and with such materials as are provided for, by and in respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for **(75) seventy-five days** from the date of opening of tender and not to make any modifications in its terms and conditions.

A sum of **Rs.2,89,845/-** is hereby forwarded in Cash/Receipt / Deposit at Call Receipt of a Scheduled Bank/ FDR of a Scheduled Bank/ Demand Draft of a Scheduled Bank/Bank guarantee issued by a schedule bank as earnest money. If I/we fail to furnish the prescribed Performance Guarantee within prescribed period, I/we agree that the said the Executive Director, AIIMS Bilaspur, HP or his successor 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 the work as specified. I/we agree that the Executive Director , AIIMS Bilaspur , HP or his 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, otherwise 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 therein and to carry out such deviations as may be ordered, up-to maximum of the percentage mentioned in Schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 & 12.3 of the tender form.

Further, I/We agree that in case of forfeiture of earnest money or both Earnest Money & Performance guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work for next 1 year.

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 the institute Engineering Department, then I/we shall be debarred for tendering in AIIMS Bilaspur ,HP in future forever. Also, if such a violation comes to the notice of Department before date of start of work,

the Engineer-in-Charge shall be free to forfeit the entire amount of 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 may authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated: Signature of Contractor

Witness: - . Postal Address: -

Address: -

Occupation: -

Telephone No.

Fax:-

E-Mail:-

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the Executive Director, AIIMS Bilaspur, HP for a sum of Rs.....
(Rupees.....)

The letters referred to below shall form part of this contract agreement.

- i)
- ii)
- iii)
- iv)
- v)
- vi)

Dated: -

For & on behalf of the
Executive Director,
AIIMS Bilaspur, HP.

Signature

SCHEDULE 'A' TO 'F'

SCHEDULE 'A'

Schedule of Quantities: , Page Nos: 94-95.

SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

<u>Sr. No.</u>	<u>Description of item</u>	<u>Quantity</u>	<u>Rate in figures & words</u>	<u>Place of at which the material will issue be charged to the contractor</u>
(1)	(2)	(3)	(4)	(5)
<u>----Nil----</u>				

SCHEDULE 'C'

Tools and plants to be hired to the contractor

<u>Sr. NO.</u>	<u>DESCRIPTION</u>	<u>HIRE CHARGES</u>	<u>PLACE OF ISSUE PER DAY</u>
(1)	(2)	(3)	(4)
<u>----Nil----</u>			

SCHEDULE 'D'

Extra schedule for specific requirements/ documents for the work, if any.

A) Electrical Works:

1. Additional terms & conditions
2. Special conditions for operation and maintenance works
3. Scope of work
4. List of acceptable/approved makes for electrical and NIT works

SCHEDULE 'E'

Reference to General Conditions of Contract. (GCC EPC Projects 2022/ GCC Maintenance works 2023/ GCC Construction Works 2023).	Applicable GCC is GCC Maintenance works 2023 as modified and corrected up to previous day of the last date of submission of the tender.
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- 1.1 Name of Work : Three Shift Operation and Maintenance of 33/415KV Substations including Incoming and Outgoing Overhead & Underground Feeders Installed at AIIMS Bilaspur, HP.
- 1.2 Estimated Cost of work : Rs. 1,44,92,246/-
- 1.3 Earnest Money : Rs.2,89,845/-
- 1.4. Performance Guarantee : 5.00% of tender accepted value.
- 1.5 Security Deposit : 2.5% of the tender accepted value.
- 1.6. Time for completion : 12 months.

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

	Tender Inviting Authority	:	Superintending Engineer -Civil, AIIMS Bilaspur, H.P.
	Definitions		
2 (i)	Engineer-In-Charge	:	Executive Engineer, Civil, AIIMS Bilaspur, HP.
2 (ii)	Accepting Authority	:	Superintending Engineer, AIIMS Bilaspur, HP.
2 (iii)	Percentage on cost of materials and labour to cover all overheads and profits.	:	15%
2 (iv)	Standard Schedule of Rates	:	Delhi Schedule of Rates 2025 with up-to-date correction slips (Electrical) issued up to last date of receipt of tender through E-tendering & Market Rates.
2 (v)	Department	:	AIIMS Bilaspur, HP, Engineering Department.
2 (vi)	Standard CPWD Contract	:	Form GCC Construction Works 2023 & Maintenance works 2023 as modified and corrected up to previous day of the last date of submission of the tender, <u>CPWD Form 7/8</u> modified and amended up-to last date of online submission of bids.

Clause-1			
(i)	Time allowed for submission of performance guarantee, Program Chart (Time and progress) and applicable Labour licenses, registration with EPFO, ESIC and BOCW Welfare Board or proof of applying thereof from the date of letter of acceptance.		07 days
(ii)	Maximum allowable extension with late fee @ 0.1 % per day of performance guarantee amount beyond the period as provided in (i) above.		4 days (8 th day to 11 th day)
Clause-2: -	Authority for fixing compensation under clause-2.		Executive Director, AIIMS Bilaspur, HP or his successor.
Clause-2 A	Whether clause-2A shall be applicable.		Not Applicable
Clause-5: -			
(i)	Number of days from the date of issue of letter of acceptance for reckoning date of start	:	11 days
(ii)	Mile Stone.	:	Table of Milestones as given in NIT.
(iii)	Time allowed for execution of work	:	12 months.
Authority to decide			
(i)	Extension of time for completion of work.	:	Superintending Engineer, AIIMS Bilaspur, HP.
(ii)	Re-scheduling of Mile stone	:	Executive Director, AIIMS Bilaspur, HP.
(iii)	Shifting of date of start in case of delay in handing over of site.	:	Executive Director, AIIMS Bilaspur, HP.

Clause-6:-	Computerized Measurement Book/ Electronic Measurement Book/ Physical MB (CMB/EMB /PMB).		PMB (Physical Measurement Book).
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.5,27,300.
Clause-7A:-	<u>Regarding applicability of labour laws:- Related to Labour licensee, registration of contractor with EPFO, ESIC and BOCW welfare board i/c Provident Fund (Whether clause 7A shall be applicable).</u>		Yes
	<u>No running account bill shall be paid in the work till the applicable labour licenses, registration with EPFO, ESIC, BOCW welfare board including Provident Fund Code No. whatever applicable are submitted by the contractor to the Engineer-in-charge.</u>		
Clause-10A:-	List of testing equipment to be provided by the contractor at site lab.		All equipment required for operation and maintenance as per direction of Engineer-in-charge.
Clause-10-B (ii).	Whether clause 10-B (ii) shall be applicable		No
Clause-10C:-	Component of labour expressed As percent of total value of work in DSR items.		<u>70%.</u>
<u>Schedule of component of other Materials, Labour POL etc. for Price Escalation:</u>			
	Component of Electrical expressed as percent of total value of work.		Not Applicable
	Component of labour expressed as percent of total value of work.		Not Applicable
	Component of P.O.L expressed as percent of total value of work.		Not Applicable

Clause 10CC:-	Clause 10CC to be applicable in contracts with stipulated period of completion <u>exceeding 12 months.</u>		Not Applicable
Clause-11:	Specifications to be followed for		
	HVAC Work		C.P.W.D. Specifications 2017
	Electrical Work		<ul style="list-style-type: none"> i. NIT Specifications. ii. IE Rules iii. Latest CPWD Specifications with amendments. iv. Bureau of Indian Standards wherever no such specifications exists in clause 11 Sr. No. i), ii) & iii) above.

Clause-12:- Applicable as per Authority of D.G. CPWD for Original works (including Modifications, Amendments issued on date) & DG/CON/Maintenance 2023/03 dated 18/12/2023 for maintenance/repair work & as per modification issued by Authority of D.G. CPWD vide O.M. No. DG/CON/Construction 2023/03 dated 06/12/2023 for construction work

Type of work : Maintenance work. However, for the Purpose of payment of agreement items beyond specified deviation limit and extra items, the work shall be treated as maintenance work. The deviated agreement quantity, extra and substituted items shall be paid as per clause no.12 for maintenance work.

12.3 Deviation limit beyond which : 50% (All the deviated quantities shall be paid at agreement rates) vide OM No. (DG/CON/ Maintenance 2023/03 dated 18/12/2023).
 clause 12.3 shall apply for civil & electrical work:

Clause-16: Competent Authority for Deciding reduced rates : Executive Director, AIIMS Bilaspur, HP or his/her successor

Clause-18: -List of mandatory machinery Tools & Plants to be deployed By the contractor at site : As per site requirement and Direction of the Er. In-Charge.

Clause 19 C,D,G,K :

Authority to decide penalty For each default : Superintending Er.-Civil AIIMS Bilaspur ,HP

Clause 25: Constitution of Dispute Redressal Committee:

i)	Chairman	
ii)	Member-1 Member-2	
iii)	Place of Arbitration	Bilaspur, HP

To be constituted by the Executive Director, AIIMS Bilaspur at the time of arisen of disputes if any.

Clause-32 : Requirement of Technical Representative (s) and Recovery Rate

Sr. No	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical/ Technical Representative	Minimum Experience	Number	Rate at which recovery shall be made from contractor in the event of non-deployment.	
						Figures	Words
1.	Graduate Engineer	Electrical	Principle Technical Representative (Project planning/ site/Billing Engineer)	2 Year	1 No.	Rs 15,000/ - per month	Rupees Fifteen thousand only per month per person.
	Or Diploma Engineer	Electrical		5 Years	1 No.	Rs. 15,000/ - per month	Rupees Fifteen thousand only per month per person.

Assistant Engineers retired from Central/State Govt. services that are holding Diploma will be treated at par with Graduate Engineers.

Diploma holder with minimum 10 years relevant experience with a reputed construction agency/firm can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holder should not exceed 50 % of requirement of degree engineers.

TABLE OF MILE STONE (S)

Name of work: Three Shift Operation and Maintenance of 33/.415KV substations including Incoming and Outgoing Overhead and Underground Feeders installed at AIIMS Bilaspur, HP.

Sl. No. of Mile Stone	Description of Milestone	Time Allowed (From date of start)	Amount to be withheld in case of non-achievement of mile stone
1.	Work done of value 1/4th of tendered amount	¼ th of the time period of completion	<p>In the event of not achieving the necessary progress as assessed from the running payment, 1.25% of the tendered value of work will be withheld for failure of each milestone from SI No 1 to 4.</p> <p>Maximum amount to be with held shall not exceed 5% of tendered value of work.</p>
2.	Work done of value 1/2th of tendered amount	1/2th of the time period of completion	
3.	Work done of value 3/4th of tendered amount	3/4 th of the time period of completion	
4.	Completion of work	Time Period of Completion	

INTEGRITY PACT

To,

.....,

.....,

.....

Sub : NIT No. **SE-C/AIIMS/BLS/2026-27/MEP/08** for the work of Three (3) Shifts Operation and Maintenance of 33/0.415KV substations including Incoming and outgoing overhead and underground feeders installed at AIIMS Bilaspur, HP.

Dear Sir,

It is here by declared that AIIMS Bilaspur (HP) is committed to follow the principle of transparency, equity and competitiveness in public procurement.

The subject Notice Inviting Tender (NIT) is an invitation to offer made on the condition that the Bidder will sign the integrity Agreement, which is an integral part of tender/bid documents, failing which the tenderer/bidder will stand disqualified from the tendering process and the bid of the bidder would be summarily rejected.

This declaration shall form part and parcel of the Integrity Agreement and signing of the same shall be deemed as acceptance and signing of the Integrity Agreement on behalf of the Institute.

Yours faithfully

Superintending Engineer
Engineering Department
AIIMS Bilaspur H.P.

INTEGRITY PACT

To,

Superintending Engineer
AIIMS BILASPUR (HP)

Sub : NIT No. **SE-C/AIIMS/BLS/2026-27/MEP/08** for the work of three Shifts Operation and Maintenance of 33/0.415KV substations including Incoming and outgoing overhead and underground feeders installed at AIIMS Bilaspur, HP.

Dear Sir,

I/We acknowledge that AIIMS Bilaspur (HP), is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document.

I/We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender documents, failing which I/We will stand disqualified from the tendering process.

I/We acknowledge that THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE of this condition of the NIT. I/We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by AIIMS Bilaspur (HP). I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 1 of the enclosed Integrity Agreement.

I/We acknowledge that in the event of my/our failure to sign and accept the Integrity Agreement, while submitting the tender/bid, AIIMS Bilaspur (HP) shall have unqualified, absolute and unfettered right to disqualify the tenderer/bidder and reject the tender/bid in accordance with terms and conditions of the tender/bid.

Yours faithfully

(Duly authorized signatory of the Bidder)

To be signed by the bidder and same signatory competent / authorized to sign the relevant contract on behalf of Institute.

INTEGRITY AGREEMENT

This Integrity Agreement is made at on thisday of20.....

BETWEEN

Executive Director AIIMS BILASPUR (HP), represented through Superintending Engineer, AIIMS Bilaspur (HP), (Hereinafter referred as the AIIMS Bilaspur HP Engineering Department, Admin Building, Ground Floor, Village: Kothipura, Tehsil: Sadar, District: Bilaspur, State: Himachal Pradesh-174001 '**Principal/Owner**', which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

AND

.....
(Name and Address of the Individual/firm/Company) through

.....
(Hereinafter referred to as the (Details of duly authorized signatory) "**Bidder/Contractor**" and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

Preamble

WHEREAS the Principal / Owner has floated the Tender (NIT No.....) (hereinafter referred to as "**Tender/Bid**") and intends to award, under laid down organizational procedure, contract for (Name of work) hereinafter referred to as the "**Contract**".

AND WHEREAS the Principal/Owner values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relation with its Bidder(s) and Contractor(s).

AND WHEREAS to meet the purpose aforesaid both the parties have agreed to enter into this Integrity Agreement (hereinafter referred to as "**Integrity Pact**" or "**Pact**"), the terms and conditions of which shall also be read as integral part and parcel of the Tender/Bid documents and Contract between the parties.

NOW, therefore, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under:

Article 1: Commitment of the Principal/Owner

1) The Principal/Owner commits itself to take all measures necessary to prevent corruption and to observe the following principles:

(a) No employee of the Principal/Owner, personally or through any of his/her family members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

(b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.

(c) The Principal/Owner shall endeavor to exclude from the Tender process any person, whose conduct in the past has been of biased nature.

2) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act, 1988 (PC Act)/amendments issued thereof or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

Article 2: Commitment of the Bidder(s)/Contractor(s)

1) It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Institute (AIIMS Bilaspur HP) all suspected acts of fraud or corruption or Coercion or Collusion of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.

2) The Bidder(s)/Contractor(s) commits himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:

a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contract.

b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.

c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s)/Contractor(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/representatives in India, if any. Similarly, Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participates in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.

d) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose (with each tender as per proforma enclosed) any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.

3) The Bidder(s)/Contractor(s) will not instigate third persons to omit offences outlined above or be an accessory to such offences.

4) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice means a willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Institute interests.

5) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/ her reputation or property to influence their participation in the tendering process).

Article 3: Consequences of Breach

Without prejudice to any rights that may be available to the Principal/Owner under law or the Contract or its established policies and laid down procedures, the Principal/Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/ Contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right:

1) If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. Such exclusion may be forever or for a limited period as decided by the Principal/Owner.

2) Forfeiture of EMD Performance Guarantee/Security Deposit: If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Earnest Money Deposit, Performance Guarantee and Security Deposit of the Bidder/Contractor.

3) Criminal Liability: If the Principal/Owner obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of Indian Penal code (IPC)/Prevention of Corruption Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

Article 4: Previous Transgression

1) The Bidder declares that no previous transgressions occurred in the last 5 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.

2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/ holiday listing of the Bidder/Contractor as deemed fit by the Principal/ Owner.

3) If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

Article 5: Equal Treatment of all Bidders/Contractors/ Subcontractors

1) The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Subcontractors/ sub-vendors.

2) The Principal/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.

3) The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

Article 6- Duration of the Pact

This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 12 months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded. If any claim is made/lodged during the

time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority of AIIMS BILASPUR (HP).

Article 7- Other Provisions

1) This Pact is subject to Indian Law, place of performance and jurisdiction is AIIMS Bilaspur HP, who has floated the tender.

2) Changes and supplements need to be made in writing. Side agreements have not been made.

3) If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.

4) Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intensions.

5) It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement / Pact, any action taken by the Owner/Principal in accordance with this Integrity Agreement/ Pact or interpretation thereof shall not be subject to arbitration.

Article 8- LEGAL AND PRIOR RIGHTS

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contact documents with regard any of the provisions covered under this Integrity Pact.

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

.....
(For and on behalf of Principal/Owner)

.....
(For and on behalf of Bidder/Contractor)

WITNESSES:

1.
.....
.....
.....
(signature, name and address)

2.
.....
.....
.....
(signature, name and address)

Place :

Dated :

Items To Be Executed Through Specialized Agencies

The bidder must associate with himself, specialized agencies so the appropriate eligibility to components of specialized nature of items/ work of major component listed below individually. Such works shall be got executed only through associated agencies specialized in these fields. The bidder whose tender is accepted shall indicate the name(s) of his associated specialized agencies those fulfilling the eligibility criteria laid down below as early as possible and within ten days of letter to commence work, for the approval of the Engineer-in-Charge whose decision shall be final and binding. If the bidder himself fulfils the eligibility criteria laid down for associated specialized agencies, then the bidder shall not require to associate with himself the associated specialized agency.

Sr. No.	Specialized Work(s)/item of work(s)	Criteria / Acceptable names of associated agencies
	Vacuum Circuit Breaker, Air Circuit Breaker and Transformers	The main Agency should have to associate the comprehensive maintenance part of Vacuum Circuit Breaker, Air Circuit Breaker and Transformers directly to the respective OEM (M/s Schneider, L&T and Voltamp) or their Authorized Service Agent/dealer.

MEMORANDUM OF UNDERSTANDING [M.O.U]

BETWEEN MAIN CONTRACTOR AND ASSOCIATE SPECIALIZED CONTRACTOR

- 1) M/S [Name of the firm with full address]
Enlistment Status
Valid Upto:
[Henceforth called the main contractor]

And

- 2) M/S [Name of the OEM or Authorized Service Agent]
[Henceforth, OEM or Authorized Service Agent]

FOR THE EXECUTION OF SPECIALIZED ELECTRICAL WORK:

Three Shift Operation and Maintenance of 33/.415KV Substations including Incoming and Outgoing Overhead & Underground Feeders Installed at AIIMS Bilaspur, HP.

We state that M.O.U between us will be treated as an agreement and has legality as per Indian Contract Act [amended upto date] and the department [AIIMS Bilaspur HP] can enforce all the terms and conditions of the agreement for execution of the above work. Both of us shall be responsible for the execution of work as per the agreement to the extent this MOU allows. Both the parties shall be paid consequent to the execution as per agreement to the extent this MOU permits. In case of any dispute, either of us will go for mediation/arbitration by the Superintending Engineer-Civil, AIIMS Bilaspur, HP. Any of us may appeal against the mediation/arbitration to the Superintending Engineer-Civil, AIIMS Bilaspur, HP. His decision shall be final and binding on both of us.

We have agreed as under:

1. The electrical contractor will execute all electrical works in the wholesome manner as per terms and conditions of the agreement. Payment of the associated OEM or Authorized Service Agent shall be governed vide Para 19.1.11 & 19.1.12 of CPWD-6 & Clause-7 of GCC-2020.
2. The electrical contractor shall be liable for disciplinary action if he failed to discharge the action[s] and other legal action as per agreement besides forfeiture of the security deposit.
3. All the machinery and equipment's, tools and tackles required for execution of the electrical works, as per agreement, shall be the responsibility of the electrical contractor.

4. The site staff required for the electrical work shall be arranged by the electrical contractor as per terms and conditions of the agreement.
5. Site order book maintained for the said work shall be signed by the main contractor as well as by the Engineer of the Associated Contractor or by Associated Contractor himself.
6. All the correspondence regarding execution of the electrical work shall be done by the Department with the Main Contractor with a copy to the associated contractor. In case of non-compliance of the provisions of agreement, the main contractor, as well as the associated contractor shall be responsible. The action under clauses 2 and 3 shall be initiated and taken against the main contractor.

**[SIGNATURE OF MAIN CONTRACTOR]
[STAMP WITH ADDRESS]**

**SIGNATURE OF OEM
Or Authorized Service Agent
[STAMP WITH ADDRESS]**

**Date:
Place:**

**Date:
Place:**

COUNTERSIGNED

**Superintending Engineer-Civil
AIIMS Bilaspur, HP**

WILLINGNESS CERTIFICATE

NAME OF WORK: Three Shift Operation and Maintenance of 33/.415KV Substations including Incoming and Outgoing Overhead & Underground Feeders Installed at AIIMS Bilaspur, HP.

I hereby give my willingness to work as electrical contractor for the specialized work of " _____ " in the above-mentioned work. I will execute the work as per specifications and conditions for the agreement and as per direction of the Engineer-in-Charge. Also, I will engage full time technically qualified supervisor/engineer for the works. I will attend inspections of officers of the department as and when required.

Date: _____

Place: _____

[Signature of the OEM or Authorized Service Agent]

[Stamp with Address]

Reference of disputes and amount claimed for each dispute to the Conciliator, (Refer to Clause 25)

To,

The Executive Director
AIIMS Bilaspur (HP)

Subject : Claim for settlement of disputes through conciliation.

Ref : Agreement Number

Dear Sir,

In terms of clause 25 of the aforesaid agreement, particulars of which are given below. I/We hereby refer my / our disputes and amount claimed for each dispute to you for settlement in your capacity as Conciliator.

1. Name of Applicant.
2. Whether applicant is Individual/Proprietorship Firm/Partnership Firm/Company.
3. Full address of the applicant.
4. Name of the work and contract number for which conciliation is sought.
5. Name of the Division which entered into contract.
6. Contract amount.
7. Date of contract
8. Stipulated date of start of work.
9. Stipulated date of completion of work.
10. Actual date of completion of work (if completed).
11. Total Number of claims made.
12. Total amount claimed.
13. Date of intimation of final bill (if work is completed).
14. Date of payment of final bill (if work is completed).
15. Amount of final bill (if work is completed).
16. Date of claim made to Engineer-in-Charge.
17. Date of receipt of decision from Engineer-in-Charge.

I/We certify that the information given above is true to the best of my/our knowledge. I/We enclose the statement of claims with amount of each claim.

Yours faithfully.

.....

Signature of applicant

(Only the person/authority who signed the
Contract should sign here)

Copy to:

1. The Superintending Engineer-civil, AIIMS BILASPUR (HP).
2. The Executive Engineer, Electrical Division, AIIMS BILASPUR (HP).

Notice for appointment of Arbitrator
(Refer to Clause 25)

To,
The Executive Director
AIIMS Bilaspur (HP),

Subject : Notice for appointment of Arbitrator for adjudication of disputes
Relating to agreement Number

Dear Sir,

In terms of clause 25 of the aforesaid agreement, particulars of which are given below. I/We hereby give you notice to appoint an Arbitrator for adjudication of disputes mentioned below.

1. Name of Applicant.
2. Whether applicant is Individual/Proprietorship Firm/Partnership Firm/Company.
3. Full address of the applicant.
4. Name of the work and contract number for which arbitration is sought.
5. Name of the Division which entered into contract.
6. Contract amount.
7. Date of contract
8. Stipulated date of start of work.
9. Stipulated date of completion of work.
10. Actual date of completion of work (if completed).
11. Total Number of claims made.
12. Total amount claimed.
13. Date of intimation of final bill (if work is completed).
14. Date of payment of final bill (if work is completed).
15. Amount of final bill (if work is completed).
16. Date of claim made of Engineer-in-Charge.
17. Date of receipt of decision from Engineer-in-Charge.
18. I/We hereby give consent for appointment of Arbitrator of MoHFW/MoHUA.

Waiver agreement as per Appendix-XIX is enclosed.

OR

I/We do not give consent for appointment of Arbitrator of MoHFW/MoHUA.

I/We certify that the information given above is true to the best of my/our knowledge. I/We enclose the following documents.

1. Statement of claims with amount of each Claim.
2. Agreement of waiver of Section 12(5) of the Arbitration and Conciliation Act, 1996 in Appendix-XIX.

(Strikeout if not applicable).

Yours faithfully.

.....

Signature of applicant
(Only the person/authority who signed the
Contract should sign here)

Copy to:

1. The Superintending Engineer-civil, AIIMS BILASPUR (HP).
2. The Executive Engineer, Electrical Division, AIIMS BILASPUR (HP).

Agreement towards waiver of Section 12(5) of Arbitration & Conciliation Act 1996(Amendments issued thereof)
(Refer to Clause 25)

1. Whereas certain disputes have arisen between M/s..... (claimants) and M/s..... (respondents) relating to agreement No.....
2. And whereas the parties are aware that Shri is on the cadre of AIIMS BILASPUR (HP): presently on deputation as Arbitrator, Ministry Of Health & Family Welfare/Ministry of Housing and Urban Affairs, Government of India.
3. I/We agree for the appointment of Shri..... as the sole Arbitrator for adjudication of the disputes, and we hereby waive the applicability of Section (12(5) of the Arbitration & Conciliation Act., 1996.

Signature

(Only the person/authority who signed the
Contract should sign here)
Name

Date:

(The name of the Arbitrator, Ministry Of Health & Family Welfare/ Ministry of Housing and Urban Affairs, Government of India may be enquired from the Engineer-in-Charge, if required.)

ADDITIONAL TERMS AND CONDITIONS OF CONTRACT

1. The successful tenderer must submit the original Integrity pact of the DNIT as uploaded after LOI.
2. AIIMS BILASPUR (HP) reserves the right to accept/reject any or all tenders without assigning any reason thereof.
3. All the disputes concerning this tender in any way are subject to Bilaspur (HP) Jurisdiction only.
4. Tenderer to study entire tender document carefully
 - a) Submission of a tender by a tenderer implies that he has read all the stipulations contained in this booklet and all other contract documents and has acquainted himself of the nature, site conditions scope and specifications of the works to be executed and of conditions and rates at which stores will be issued to him by the AIIMS BILASPUR (HP). The contractor shall also be deemed to have acquainted himself with local conditions and other factors which have a bearing on the execution of the works.
 - b) No claim will be entertained at a later stage on account of ignorance of site conditions whatsoever it may be.

5. CONTRACTOR SHALL SUBMIT MAINTENANCE SCHEDULE FOR OBTAINING APPROVAL

The contractor shall submit **Maintenance schedule, log books, SLD**, fabrication drawing in triplicate for obtaining preliminary approval of the Engineer-in-Charge for all design drawings structural steel elements, **electrical panels wherever required**. One copy of these drawings duly corrected and signed wherever necessary by Institute will be returned to the contractor for preparing and resubmitting drawings after incorporating the said corrections again in triplicate for final approval. Along with the completion and approval of fabrication drawing, the contractor shall also submit the materials list, for checking and approval to the institute. No drawing shall be approved finally without material list. Once the drawing is finally approved, no request for any alternative section will be entertained. The contractor shall also submit **3 copies** of design calculations for the designs of joints **if required**. All joints shall be designed for full strength of members, unless otherwise specified. Approval of fabrication drawings however will not absolve the contractor of his responsibility for the safety and correctness of the fabrication.

6. SALE OF TENDERS TO CONTRACTORS WITH A BLEMISHED RECORD

If the Engineer In-charge receives adverse report against any working contractor of the Institute, either from the department in which he is enlisted or

from any other Department or Executive Engineers of the Institute, he may stop issue/participation of/in tenders to that contractor on the basis of such a report.

On the receipt of a case of adverse performance/ Misbehavior/ Threatening of site staff or any other such reasons, the Executive Director AIIMS BILASPUR (HP) shall issue show cause to such contractors and after considering their reply, He shall have full powers to debar such contractor for a period as decided by him. Such debarred contractor shall be ineligible to take up any work in the Institute during the period of debarring.

A copy of such orders shall be posted on AIIMS BILASPUR (HP) website so that every field unit of the Institute becomes aware and does not issue tender to such debarred contractors.

If the NIT approving authority not lower than the rank of Superintending Engineer is satisfied that it is in the interest of the Institute to allow a contractor who has been debarred for reason of inactivity, to participate in the tendering process for getting competitive tenders, he may do so.

7. WORK AND WORKMANSHIP

To determine the acceptable standard or workmanship, the Engineer-in-Charge may order the contractor to execute certain portions of works and service such as laying of conduit & wiring, laying of cables, ducting and piping work, walls and floor finishes and the like under the close supervision of the Engineer-in-Charge. On approval, these items shall be labeled as guiding samples and works executed to conform to these samples.

8. WORK IN THREE SHIFTS:

As per the nature and requirement of the work, it is required to render subject tender services 24*7*365 and therefore, the tenderer will have to make adequate arrangements for carrying out work in all the shifts for which nothing extra shall be payable.

9. GATE PASSES

All tools and plants, surplus/dismantled/ rejected/ materials to be taken away by the contractor from the work site should have a valid gate pass (4 copies) issued by Junior Engineer/Assistant Engineer/Executive Engineer electrical or by the competent authority of the Institute. One copy of the gate pass shall be delivered to the security staff, one copy at the Exit gate, the third copy shall be retained by the contractor and fourth copy shall be retained by the officer issuing the gate pass.

10. All other information such as documents and drawing supplied by the tenderer will also be in the English/HINDI language only. Drawing and designs shall be dimensioned according to the metric system of measurements.

11. Tenders who do not full fill all or any of the conditions laid down in this notice, or contain conditions not covered and/or not contemplated by the General Conditions of contract and /or expressly prohibited therein or stipulated addition/alternative conditions shall be liable to be rejected.
12. The institute reserves the right to revise or amend the tender documents prior to the date notified for opening of the tenders and also the right to postpone the date of presentation and opening of tenders without assigning any reason, whatsoever.
13. Each tenderer shall upload only one tender; either by him or as partners in a joint venture. A tenderer who uploads more than one tender will be disqualified.
14. Unless otherwise stated, the contract shall be for the whole work as described in the "Schedule of items of Works" and the drawings. The contractor shall be bound to complete the whole work as described in the schedule of items of works and the drawings, including additional items, if any, as per drawings and instructions. The issuance of certificate of completion as issued by the Engineer-in-Charge shall be mandatory and will be conclusive proof of completion of work.
15. Interpretations, corrections and changes to the Tenders Documents shall be made by Addendum, if required.
16. The quantities taken in the tender can be executed at anywhere in the Institute as per requirements and directions of Engineer In charge and Contractors shall be bound to execute the same without claiming anything extra.
17. The Contractor shall strictly comply with the provision of EPF/ESI acts and shall furnish PF/ESI codes. It would however, be mandatory on the part of the contractor to provide proof of having deposited PF and ESI contribution as per law provides together with PF account number of employees in whose account the amount has been deposited (As an affidavit duly attested by Ist class Magistrate) on completion of work. Security shall be released after receipt of the above.
18. The contractor shall also abide by all the applicable statutory obligations necessitated for performance/execution of the work and indemnify AIIMS Bilaspur HP against any such claims.

Superintending Er.-Civil
AIIMS BILASPUR (HP),

SPECIAL CONDITIONS FOR OPERATION AND MAINTENANCE WORKS

1. The work of Three shift operation and maintenance of 33/.415KV substations including incoming and outgoing overhead and underground feeders installed in AIIMS Bilaspur, HP shall be executed as per the scope of work as is defined in Annexure-I.
2. This contract is purely on CONTRACT BASIS. The contract period shall be for **12 months** from the date of the commencement which can be extended with mutual consent. The contract period can be increased or decreased as per requirement. If the contract is not extended further, the same will lapse automatically.
3. The Contractor shall not employ any person below the age of 18 years. The Contractor shall deploy his personnel with minimum qualification as below:

Sr. No.	Description	Minimum Qualification and Experience
1	Site Engineer cum Supervisor	Degree in Electrical/ Electrical and Electronics with 2-year experience of operation/maintenance of 33/.415kv substations Or Diploma in Electrical/ Electrical and Electronics with 5-year experience of operation/maintenance of 33/.415kv substations
2	Electrician (Highly Skilled)	Diploma in Electrical/ Electrical & Electronics having minimum 3-year experience in running and maintenance of 33/.415 kv substations Or ITI in Electrical/ Electrical & Electronics having 5-year experience in running and maintenance of 33/.415 kv substations
3	Electrical Fitter (Skilled)	ITI in Electrical/ Electrical & Electronics having 3-year experience of maintenance of HT lines and substations.
4	Helper (unskilled)	10 th Pass

4. The Contractor shall provide onsite training for the deployed staff twice in a year (First training should be within 15 days from the start of the work &

other after six months) specifically for Communication Skills and to handle the situation in case of emergency.

5. Any penalty imposed on the Contractor shall not be displaced by him on his workers.
6. It is a condition of this contract; no any charges/fees shall be recovered/ charged from the deployed staff by the Contractor on account of hiring/appointing, registration, bonds, security, administrative charges etc. If any complaint in this regard received in writing, the contract shall be rescinded and performance guarantee shall be forfeited.
7. Contractor will provide a copy of job description to all workers on date of commencement of contract.
8. Each deployed staff shall not perform his duty more than 8 hours (One shift) in a day. On changing over the shift, the deployed staff on duty shall continue till next person joins.
9. In case a worker is reported missing from duty during his duty hours: Contractor shall provide reliever in ½ an hour, failing which the worker will be marked absent and penal action shall be taken accordingly.
10. The personnel shall be deployed for duty by the Contractor should be fully immunized against 'Hepatitis B' and any other vaccine that may be recommended from time to time and compliance report in this regard may be furnished to the Engineer-in-charge.
11. In case of a worker deployed by the Contractor suffers from sharp injury or any other injury requiring immediate treatment, the Contractor shall ensure that worker receives the required treatment without any additional financial burden on the institute and the worker deployed. All liabilities arising out of any accident or death of staff while on duty shall be totally borne by the Service Provider.
12. The deployed staff by the successful bidder will not be the employee of AIIMS BILASPUR HP . The staff will not be entitled to avail any allowances/residential accommodation/facilities /benefits like Provident Fund, Pension, Gratuity, Medical Attendance Treatment etc. or any other benefits available to the Government Servants appointed on regular basis.
13. The staff engaged by the Contractor shall not accept any gratitude or reward in any shape from any official of AIIMS BILASPUR HP or from patient/their attendants or visitors. The worker will have to be extremely courteous with very pleasant manners in dealing with the staff, patients and their attendants, especially with females, children and senior citizens and should project an image of utmost discipline.
14. The agreement is for work on job basis and not for supply of contract labour. For all intents and purposes, the Agency shall be the "Employer" within the

meaning of different Labor Legislations in respect of manpower so employed and deployed in this Institute for the said work. The persons deployed by the agency in the Institute shall not have claims of any Master and Servant relationship nor have any principal and agent relationship with or against AIIMS BILASPUR HP. The 'AIIMS BILASPUR HP' shall not be under any obligation for providing employment to any of the worker of the Contractor after the expiry of the contract. The 'AIIMS BILASPUR HP' does not recognize any employee employer relationship with any of the workers of the Service Provider.

15. The Contractor shall not engage any sub-contractor or transfer the contract to any person or firm.
16. As per guidelines of the Hon'ble Supreme Court of India no person will be allowed smoking in public place. The Contractor will be responsible, if any, workers provided by him are found smoking in the Institute and he will be penalized in accordance with the rules.
17. Minimum 2 sets of uniform will be provided to each worker. Uniform of all deployed staff shall be of Sky-Blue color Shirt and Navy Blue Pant and Full sleeve Sky Blue color sweater/ jacket during winters. The uniform shall have a sticker containing name of agency, stitched properly on the Shirt and Jacket/Sweater. The agency shall also provide the Identity Cards to each staff deployed in the Institute carrying the Agency Name, photograph of the personnel and personal information as to name, date of birth, designation and Identification mark etc nothing will be charge from any employee on this account.
18. The use of Mobile phones for social networking, games, etc. is strictly prohibited for the deployed staff during duty hours. If anyone found indulging in such activity, will treated as misconduct during duty & will attract penalty on the Contractor as per penalty clause for misconduct.
19. The services of the deputed staff of the Contractor can be taken anywhere in the institute as directed by the Engineer-in-charge.
20. **Procedure for release of payment: -**
 - a. The Contractor shall pay wages to its deployed staff latest by 7th of the respective month before submitting his claim for payment with photocopy of attendances, salary credit bank statement & EPF and ESI statements as per this contract agreement.
 - b. The Contractor shall open Saving Fund Accounts of all his workers/employees in State Bank of India, AIIMS Bilaspur HP branch and transfer their wages directly to these accounts only and shall submit the details/compliance within 15 days of assumption of contract and maintain it till the duration of contract.

- c. The payments to the Contractor will be deposited in his bank account through RTGS.
 - d. The payment will be released after the deduction of any penalty that may be imposed by the Competent Authority as per contract agreement.
 - e. The Income Tax (under section 194-C of Income Tax Act), GST or any other statutory levied/tax as applicable shall be deducted at source as per law.
 - f. The security will be deducted from each running bill @ 2.5% which will be released as per the provision mentioned.
 - g. If as a result of 'post payment audit' any overpayment is detected in respect of any work done by the agency or alleged to have been done by the agency under the tender, the Contractor shall immediately refund the same to the 'AIIMS BILASPUR HP' on receipt of notice thereto or it shall be recovered by 'AIIMS BILASPUR HP' from the service provider. If any underpayment is discovered, the amount shall be duly paid to the Contractor by the 'AIIMS BILASPUR HP'.
21. The workers shall be paid minimum wages in accordance with the "Minimum Fair Wages Schedule" specifying the minimum wage rates for different categories of workers, as published by the Ministry of Labour & Employment Government of India or State Government or local bodies and revised from time to time, whichever is higher.
 22. Minimum wages paid to site engineer cum supervisor shall not be less than the initial basic pay of level-6 of pay matrix CPC.
 23. Any accidental liabilities will be the responsibility of the contractor.
 24. Any variation in Wages as per Minimum Fair Wages Schedule during contract period will be reimbursed, accordingly variation in ESI and EPF and bonus components during contract period will also be reimbursed.
 25. ESI and EPF and bonus shall be paid as applicable by the contractor.
 26. The rates quoted should be inclusive of taxes, Octroi, duties and GST etc which shall be paid as applicable. However, if GST on reimbursed amount is applicable will be paid extra.
 27. Any damage done to the man, machine and building during the execution of work shall be the responsibility of the agency and the same will have to be made good promptly by the contractor at its own cost to the entire satisfaction of the Engineer-in-charge.
 28. The Contractor has to issue/ supply the Code Number allotted by the ESI and EPF authorities of all the persons deployed under this contract among deployed staff within one month from the date of the opening of their Account.

29. The security deposit retained by the Institute shall be refunded only after the submission of sign and attested EPF withdrawal / transfer forms of all deployed staff.
30. Performance guarantee shall be released to the Contractor only after the release of bonus to workers/manpower engaged under this contract and satisfactory handing over the site to the department.
31. That in the event of any loss occasioned to the 'AIIMS BILASPUR HP' as a result of any lapse on the part of the Contractor and that would be established after an enquiry conducted by the 'AIIMS BILASPUR HP', the said loss may be claimed from the Contractor up to the value of the loss. The decision of Executive Director AIIMS BILASPUR HP in this regard will be final and binding on the Service Provider.
32. Any liability arising out of any litigation (including those in consumer courts) due to any act of Service Provider's personnel shall be directly borne by the Contractor including all compensation/damage/expenses/fines. The Contractor concerned personnel shall attend the court as and when required.
33. If the Contractor is a partnership of two or more persons, all such persons shall be jointly and severally liable to the "AIIMS BILASPUR HP" for the fulfillment of the terms of the contract. Such persons shall authorize one of them through a registered power of attorney with authority to sign on behalf of the partnership or as the case may be. The partnership shall not be altered without the approval of the 'Institute'.
34. If any money, as the result of any instructions from the Labour authorities or claim or application made under any of the Labour laws, or Regulation, be directed to be paid by the 'AIIMS BILASPUR HP', such money shall be deemed to be payable by the Contractor to the 'Institute' within seven days. The Institute shall be entitled to recover the amount from the Contractor by deduction from money due to the Contractor and/or from Performance Guarantee.
35. The Contractor shall provide copies of relevant records during the period of contract or otherwise even after the contract is over whenever required by the 'AIIMS BILASPUR HP' upto five years.
36. The Contractor shall ensure full compliance with tax laws of India with regard to this contract and shall be solely responsible for the same. The Contractor shall submit copies of acknowledgements evidencing filing of returns every year and shall keep the employer fully indemnified against liability of any tax, interest, penalty etc. of the Contractor in respect thereof, which may arise.
37. The Contractor shall have to obtain a license under the Contract Labour Regulations and Abolition Act 1970, from the Labour Commissioner, (Central), or Himachal Pradesh within one month of execution of agreement. Failure to obtain license under the above said act may result in cancellation of contract and PG shall be forfeited.

38. The Contractor shall abide by and comply with all the relevant laws and statutory requirements covered under various Labour Acts, Minimum Wages Act, Contract Labour (Regulation & Abolition) Act 1970, EPF, ESI etc. with regard to the personnel engaged by him for the said work.
39. The Contractor shall fully indemnify the Institute for the following: -
- a. Any loss suffered by the Institute because of any omission or commission on the part of Contractor in discharge of its contractual and legal obligations during the validity of the contract.
 - b. Any orders of the Labour Court in case of any dispute between the non-technical staff and Contractor on account of any payment on the orders of the Labour Court.
 - c. Any award decree of the Court of arbitration by any judicial or quasi-judicial authority.
 - d. The loss or amount payable shall either be payable by the Contractor or the same may be adjusted against the Indemnity Bond provided by the Service Provider. The responsibility of Contractor shall not be limited to the amount available in the Indemnity Bond or the Performance Bank Guarantee but shall remain absolute and reimbursable by the Service Provider.
 - e. The Contractor shall also fully indemnify the Institute for any loss or penalties or fines or awards/decrees or orders which become known even after the expiry of this contract.
 - f. The Contractor shall indemnify and hold the 'AIIMS BILASPUR HP' protected/safe from and against all claims, damages losses and expenses arising out of, or resulting from the work/services under the contract provided by the Service Provider.
40. The Contractor shall ensure that the staff provided shall not at any time, without the consent of the 'AIIMS BILASPUR HP' in writing divulge or make known any trust, accounts matter or transaction undertaken or handled by the 'Institute' and shall not disclose any information about the affairs of 'AIIMS BILASPUR HP'. This clause does not apply to the information, which falls in the domain of public knowledge.
41. **Penal Provisions:** - In case the agency/contractor fails to commence/execute the job/work as stipulated in the agreement or there is a breach of any condition of the contract, the institute reserves the right to impose penalty as detailed below:

Sr. No	Offences	Penalties
1.	Not found displaying photo ID	Rs. 100/- per instance
2.	Worker not found in Uniform	Rs. 500/- per instance.

3.	Non-maintaining upto-date records of deployed staff & any other record/report required by EIC.	Rs. 1000/- per instance.
4.	Smoking/ Drinking/ Misconduct/ Misbehavior by the deployed staff during duty hours	Rs. 500/- for each such incident with removal of the offender
5.	Duty performed by a worker for more than one shift in a day (Clause-8)	With due permission from the JE/EE In charge, not more than 5% of the total attendance. Penalty of Rs. 200/- per instance per worker in case of non-compliance.
6.	Non-availability of the Deployed Staff as per the duty roster / Absenteeism	Rs. 1000/-per person
7.	Absenteeism/Under Deployed	Rs. 1000/-per person
8.	Non-compliance of maintenance Job	2.5% from monthly payments

In case the bidder/agency fails to provide services as stipulated in the contract agreement, the competent authority (Superintending Hospital Engineer) for on behalf of the Executive Director, AIIMS BILASPUR HP reserves the right to cancel the contract. He can allot this job to other agency after following due open tendering process in which the defaulting agency/Contractor shall not be eligible to participate. In addition, he shall be blacklisted / debarred for a period of 4 years during which he cannot participate in tendering process of similar work at AIIMS BILASPUR HP. His security and performance guarantee shall be forfeited.

42. **TERMINATION OF CONTRACT:**

- The AIIMS BILASPUR HP can terminate this agreement by giving three month's written notice without assigning any reasons and without payment of any compensation thereof. However, the '**AIIMS BILASPUR HP**' shall give only a 24 hours notice of termination of this agreement to the Contractor when there is a major default in compliance of the terms and conditions of this agreement or the Contractor has failed to comply with the statutory obligations, wherein the decision of Executive Director AIIMS BILASPUR HP would be final.
 - If Contractor commits breach of any covenant or any clause of this agreement, '**AIIMS BILASPUR HP**' may send a written notice to Contractor to rectify such breach within the time limit specified in such notice. In the event Contractor fails to rectify such breach within the stipulated time, the agreement shall forthwith stand terminated and Contractor shall be liable to '**AIIMS BILASPUR HP**' for losses or damages on account of such breach.
 - The '**AIIMS BILASPUR HP**' shall have the right to immediately terminate this agreement if the Contractor becomes insolvent, ceases its operations, dissolves, files for bankruptcy or bankruptcy protection, appoints receivers, or enters into an arrangement for the benefit of creditors.
 - During the notice period, the Contractor shall continue to provide service as before till the expiry of notice period. It shall be the duty of the Contractor to remove all the personnel deployed by him on termination of the contract on any grounds whatsoever and ensure that no person shall create any disruption / hindrance / problem of any nature to the Institute.
43. DISPUTE RESOLUTION:- Except where otherwise provided in the contract, all questions and disputes relating to meaning of instructions here-in before mentioned and as to the quality of workmanship used on the work or as to any other question, claim, right, matter or thing whatsoever in any way arising out of or relating to the contract, instructions, orders or these conditions or otherwise concerning the works or the execution or failure to execute the same whether arising during the contract period or after the cancellation, termination, completion or abandonment thereof shall be dealt with as mentioned hereinafter:
- i) The Agency shall be solely responsible for the redressal of grievances/ resolution of disputes relating to persons deployed. This Institute shall, in no way, be responsible for settlement of such issues whatsoever.
 - ii) If the Contractor considers any work demanded of him to be outside the requirements of the contract, or decision given in writing by the Engineer-in-Charge on any matter in connection with or arising out of the contract or carrying out of the work, to be unacceptable, he shall promptly within 15 days request the Superintending Engineer in writing for written instruction or decision. Thereupon, the Superintending Engineer shall give

his written instructions or decision within a period of one month from the receipt of the Service Provider's letter.

- iii) If the Superintending Engineer-Civil fails to give his instructions or decision in writing within the aforesaid period or if the Contractor is dissatisfied with the instructions or decision of the Superintending Engineer, the Contractor may, within 15 days of the receipt of Superintending Engineer's decision, appeal before the Dispute Redressal Committee (DRC) (Will be constituted on arising of such situations by The Executive Director AIIMS Bilaspur)along with a list of disputes with amounts claimed in respect of each such dispute and giving reference to the rejection of his dispute by the Superintending Hospital Engineer. The Dispute Redressal Committee (DRC) shall give his decision within a period of 90 days from the receipt of Service Provider's appeal. If the Dispute Redressal Committee (DRC) fails to give his decision within the aforesaid period or any party is dissatisfied with the decision of Dispute Redressal Committee, then either party may within a period of 30 days from the receipt of decision of Dispute Redressal Committee (DRC), give notice to the Executive Director, AIIMS Bilaspur HP for appointment of arbitrator on prescribed Performa , failing which the said decision shall be final binding and conclusive and not referable to adjudication by the arbitrator.
- iv) It is a term of contract that each party invoking arbitration must exhaust the aforesaid mechanism of settlement of claims / disputes prior to invoking arbitration.
- a. Except where the decision has become final, binding and conclusive in terms of Sub Para (i) above, disputes or difference shall be referred for adjudication through arbitration by a sole arbitrator appointed by the Executive Director AIIMS Bilaspur HP. If the arbitrator so appointed is unable or unwilling to act or resigns his appointment or vacates his office due to any reason whatsoever, another sole arbitrator shall be appointed in the manner aforesaid. Such person shall be entitled to proceed with the reference from the stage at which it was left by his predecessor.
- b. It is a term of this contract that the party invoking arbitration shall give a list of disputes with amounts claimed in respect of each such dispute along with the notice for appointment of arbitrator and giving reference to the rejection by the Executive Director AIIMS Bilaspur HP of the appeal.
- c. It is also a term of this contract that no person, other than a person appointed by the Administrative Head of the Institute i.e. Executive Director AIIMS Bilaspur HP, as aforesaid, should act as arbitrator and if for any reason that is not possible, the matter shall not be referred to arbitration at all.
- d. It is also a term of this contract that if the Contractor does not make any demand for appointment of arbitrator in respect of any claims in writing as aforesaid within 120 days of receiving the intimation from the

Engineer-in-charge that the final bill is ready for payment, the claim of the Contractor shall be deemed to have been waived and absolutely barred and the Institute shall be discharged and released of all liabilities under the contract in respect of these claims.

- e. The arbitration shall be conducted in accordance with the provisions of the Arbitration and Conciliation Act, 1996 (26 of 1996) or any statutory modifications or re-enactment thereof and the rules made there under and for the time being in force shall apply to the arbitration proceeding under this clause.
 - f. It is also a term of the contract that if any fees are payable to the arbitrator, these shall be paid equally by both the parties.
 - g. It is also a term of the contract that the arbitrator shall be deemed to have entered on the reference on the date he issues notice to both the parties calling them to submit their statement of claims and counter statement of claims. The venue of the arbitration shall be such place as may be fixed by the arbitrator in his sole discretion. The fees, if any, of the arbitrator shall, if required to be paid before the award is made and published, be paid half and half by each of the parties. The cost of the reference and of the award (including the fees, if any, of the arbitrator) shall be in the discretion of the arbitrator who may direct to any by whom and in what manner, such costs or any part thereof shall be paid and fix or settle the amount of costs to be so paid.
44. **FORCE MAJEURE** :- Any failure or omission or commission to carry out the provisions of this contract by the Contractor shall not give rise to any claim by any party, one against the other, if such failure of omission or commission arises from an act of God, which shall include acts of natural calamities such as fire, flood, earthquake hurricane, or any pestilence or from civil strikes, compliance with any statute and/ or regulations of the Government, lockouts and strikes, riots embargoes or from any political or other reasons beyond the service providers' control including war (whether declared or not) civil war or state of insurrection, provided that notice or the occurrence of any event by either party to the other shall be given within two weeks from the date of occurrence of such an event, which could be attributed to Force Majeure conditions.
45. If there are varying or conflicting provisions made in any one document forming part of the contract, the Accepting Authority shall be the deciding authority with regard to the intention of the document and his decision shall be final and binding on the Contractor. In the case of discrepancy between

the price bid, the terms & conditions, the scope of work , and/ or Tender document, the following order of preference shall be observed:-

- (i) Description of Price Bid.
- (ii) Terms & conditions
- (iii) Special Condition, if any.

Superintending Er.-Civil
AIIMS Bilaspur HP.

SCOPE OF WORK

1. The Contractor has to operate the substation & DG Sets site as per the provision laid down according to Indian electricity rules. The Contractor has to operate substation and DG sets 24x7 by providing man power as per following schedule :-

S no	Description of site	ESS-I & II 33/.415 KV Sub Station & DG Set at Hospital Block- D	ESS-III 33/.415 KV Sub Station & DG Set at residential complex
	Shift-I		
1	Engineer cum supervisor	1	
2	Electrician	1	1
3	Electrical Fitter	2	1
4	Helper	2	1
	Shift-II		
1	Engineer cum supervisor	1	
2	Electrician	1	1
3	Electrical Fitter	1	1
4	Helper	1	1
	Shift-III		
1	Engineer cum supervisor	1	
2	Electrician	1	1
3	Electrical Fitter	1	1
4	Helper	1	1
	On reliever duty		
1	Engineer cum supervisor	1	
2	Electrician	1	
3	Electrical Fitter	1	
4	Helper	1	

2. The operation, preventive maintenance and breakdown maintenance services for all the equipments mentioned at Annexure-II would be as per O&M practices of similar type of Sub-Stations and DG sets as documented in the related ISO 9001:2008, ISO 14001:2004 procedures and CPWD specifications.
3. The Contractor shall take over all the equipments as it is with accessories before commencement of the work and shall maintain all the equipments, software, controllers as per terms & conditions without any extra cost of labour. He shall hand over the same with all updated record after completion of the contract otherwise security deposit shall not be released till submission of the same. The inventory of the installation shall be handed over to the firm by the Institute and contractor shall be wholly responsible for all the equipments installed at site whether it is entered in the inventory list or otherwise. If any theft or loss take place, the same shall be intimated by the contractor to the department immediately. Decision regarding recovery of loss taken by the department shall be final and binding on the contractor.
4. In case breakdown happens, the Contractor shall take all required steps immediately including coordination with all concerned for earliest restoration of the power supply.
5. All incoming & outgoing switchgears/ Breakers shall be switched ON or OFF by permission of the JE/EE concerned & only after ensuring the proper safety/clearance of staff deployed for carrying out work on the specific feeder. The Contractor shall be responsible for any non-adherence of safety practices.
6. The Contractor shall arrange adequate reliever staff for weekly rest days and holidays for SSA, Electrician and Helper.
7. The Contractor shall provide required number of qualified and experienced staff as specified.
8. The list of staff going to be deployed shall be made available to the Engineer-in-charge and fresh list of staff shall be made available by the Contractor after any change is made due to withdrawal of any incompetent person at the instance of the 'AIIMS' or of his own by the service provider.
9. The contractor and/ or his representative/ labour should not remove/ disturb/ dislocate the existing equipments and its parts from its positions until and unless it is authorized by the Engineer-in-Charge. The entire installations should be intact at any time of inspections and as handed over to him at the time of initial taking over of its maintenance and operation. Care should also be taken not to damage the installation by improper handling etc. The contractor shall be responsible for any damage or theft and shall have to make good to its original shape and description as and when damage/ theft etc. is noticed or taken place.
10. The monthly report detailing the nature of the servicing carried out, list of defects observed shall be supplied to the Engineer-in-Charge by the 10th of the every month.

11. This contract includes the maintenance of all batteries with necessary material i.e. distilled water, petroleum jelly, acid, terminal lead, poles etc. including periodic cleaning for which nothing extra shall be paid.
12. Planned shutdown shall be taken up for the preventive maintenance for the electrical systems in consultations with the AIIMS Engineers.
13. In case if there is a major breakdown in any of substation equipment which is beyond repair at site, dismantling of the equipment, dragging out from substation, loading by crane, carriage & handling from and to anyplace in the country, unloading at site, shifting back to substation, installation testing and commissioning as per OEM recommendations shall be in the scope of the contractor however cost of the same shall be paid by AIIMS BILASPUR HP.
14. The antecedents of staff deployed should be verified by the Contractor from local police authority and an undertaking with documents in this regard be submitted to the 'AIIMS' within two months of the deployment.
15. Material:
 - (i) The Contractor will provide & ensure availability at site for all petty items like insulation tape, LED indicators, assorted Cu and Aluminum thimbles/lugs, nut bolts, screws, cotton waste, grease, duster, soap, hand sanitizer, face masks, cleaning agent, soaps, battery water etc. as required at site during said work. Minimum inventory of the same to be kept at site for prompt maintenance in consultation with Engineer-in-charge. Nothing will be paid extra on this account.
 - (ii) The Contractor will provide all stationary items like pen, pencil, papers, registers, Log books etc. as required.
 - (iii) The contractor shall assess the requirement of materials/Spare parts for preventive maintenance & breakdowns and submit the complete material requisition in proper format well in advance for taking prompt action by the department. Material for any replacement or addition/ alteration will be provided by the department at designated place. The carriage of all material is the responsibility of the service provider. The received & issue details should be duly recorded. The dismantled/replaced material should be handed over to the concerned official and same shall be the property of Institute.
 - (iv) HSD required for carrying out the operation and maintenance services will be supplied by the department.

16. **Tool & Plant :**

1. To be Provided at site by the Service Provider:

- (i)** Biometric Machine with one year data Card and software which will provide online remote access of daily attendance on desktop and mobile.
- (ii)** Two Number Complete electrical tool kit equivalent to Bosch tool kit model no. GSB10RE and one no bosch/stanlay professional hammer drill machine. Contractor shall hand over the same to department on completion of contract.
- (iii)** Two Number Gotti Set and Two no spanner set.of size 04 To 32 sq. mm. screw Drivers assorted 20 pcs, Line tester 20nos, Insulated Plier 10nos etc . Contractor shall hand over the same to department on completion of contract.
- (iv)** One Number Aluminum 12 feet ladder and one Number Aluminum 8 feet ladder. Contractor shall hand over the same to department on completion of contract.
- (v)** Three Number Clamp on Meter (Fluke/HIOSKI/Flair), one 5000 volt megger and one 1000 volt megger. Contractor shall hand over the same to department on completion of contract.
- (vi)** All the safety equipments/tools required for worker such as HT gloves, Boot, Helmet, tool bags etc...
- (vii)** Hydraulic crimping tool 16-400mm (taparia/Jainson/stanlay). Contractor shall hand over the same to department on completion of contract.
- (viii)** Two no Pick axe and Four No hand hoe Contractor shall hand over the same to department on completion of contract
- (ix)** All the special T&P required for carry out the testing shall be arranged by the contractor as and when required.

17. Inspection of all installation/ equipments as per the as recommended/ guidelines of the OEM to identify shortcoming. Also, any other relevant aspect to ensure proper operations should be recorded in register and also brought to the notice of Engineer-in-charge. All major breakdowns in HT panels needs high pot or any other testing shall be carried by OEM or its authorized services provider charges will be paid by the department.

18. The firm will issue proper service report for the scheduled/ on call jobs executed for keeping record as per directions of engineer-in-charge which should be submitted to the JE/EE and also will have to provide detailed address of the staff including supervisor to be engaged by it.

19. The firm shall provide 24 hr operation and maintenance without any interruption by means of experienced manpower in any case. Competent service engineer shall be arranged to attend the breakdown on any day including Sundays and other government holidays:

- (i) There will be no limit of such breakdown calls. Major/ Minor breakdown calls shall be attended or be and when intimated within the least possible time.
- (ii) The firm has to make arrangements for maintaining 24x7 hrs. Complaint number for receiving the complaints.

20. Duties & Responsibilities :

(i) Site engineer cum Supervisor

- a) The supervisor should be prepare and maintain the shift duty roster for on duty staff which should be approved from Engineer-in-charge.
- b) The supervisor should ensure that the staff should be available at all the times as per their duty roster.
- c) The workers engaged by the Contractor will report to their supervisor & supervisor will report to concerned Engineers of the institute. All the deployed staff will perform their duties as assigned to them & can be shifted to other areas of the institute on emergency as per direction of Engineer in charge.
- d) Ensure that the staff should not leave their place of duty during duty hours on any pretext without the prior permission of Engineer-in-charge.
- e) The supervisor should maintain the record at site of all the employed workers along with their resume, photographs, and copies of: certificates of minimum qualification and Aadhar Card after police verification. Also Ensure that any manpower with dubious records i.e. without character verification shall not deployed at site.
- f) The supervisor will supervise the whole activities of the AOMC and shall ensure timely repair of any defects/breakdown. If any spare parts of the equipment is require to be replaced, he shall intimate the representative of the Engineer Incharge and shall ensure coordination between the OEM of equipments and Engineer Incharge or his representative.
- g) To liaise and co-ordinate with HPSEB for prompt restoration of power in case of power failure from HPSEB side.
- h) Supervision of all substation equipments HT and LT side operation and maintenance.
- i) All Liaising and coordination with DG OEM/authorized dealer (with whom AIIMS has agreement of AMC) for any kind of breakdown occurred in DG sets
- j) Any other work assigned by JE/AE/EE.

(ii) Electrician:

- a) Operation of all HT and LT equipments.

- b) To ensure that the electrical installation of power substation is always kept clean on regular basis and to maintain History Tag for panels, DG Sets, etc. at site, and in healthy working condition.
- c) Cleaning of external surface of HT/LT panel.
- d) Ensure doors of panel closed properly.
- e) To ensure the operation of space heaters.
- f) Checking weekly the automatic starting of DG engine by switching off the main supply to the AMF panel.
- g) To attend day to day routine work in prompt and satisfactory manner.
- h) To maintain Substation & DG Set Log books and other required record.
- i) Inspecting the entire Substation & DG Set premises and installation comprising of control switches, HT, LT Breakers and earthing for any short-comings. Recording the same and bringing it to the notice of concerned Junior Engineer.
- j) All incoming & outgoing switchgears/ Breakers shall be switched ON or OFF by permission of the JE/AE concerned & only after ensuring the proper safety/clearance of staff deployed for carrying out work on the specific feeder.
- k) Checking earthing and also all connections/ for any loose/improper terminations & ensure rust free terminal contacts.
- l) Check DG engine oil level and topping if required.
- m) Check DG diesel level and topping if required.
- n) Check DG radiator water level and topping if required.
- o) Check DG batteries and its terminals.
- p) Check DG emergency stop switch.
- q) Check DG security locks.
- r) Check the leakage in DG, if any take remedial action accordingly.
- s) Check DG fan belts replace if required.
- t) Any other work assigned by Supervisor/JE/AE/HE.

(iii) Electrical Fitter:

- a) Operation of all HT and LT equipments if instructed.
- b) To ensure that the electrical installation of power substation is always kept clean on regular basis and to maintain History Tag for panels, DG Sets, etc. at site, and in healthy working condition.
- c) Cleaning and servicing of HT/LT panel.
- d) Check and repair the operation of space heaters.

- e) To attend day to day routine working and maintenance of substation and hospital electrical installation in prompt and satisfactory manner.
- f) To maintain Substation & DG Set as instructed by JE/EE.
- g) Inspection and Repair of all feeders as and when required.
- h) All incoming & outgoing switchgears/ Breakers shall be switched ON or OFF by permission of the JE/AE concerned & only after ensuring the proper safety/clearance of staff deployed for carrying out work on the specific feeder.
- i) Maintenance of earthing and also all connections/ for any loose/improper terminations & ensure rust free terminal contacts.
- j) Topping of DG engine oil level if required.
- k) Topping DG diesel level if required.
- l) Topping of DG radiator water level if required.
- m) Repair the leakage in DG, if any take remedial action accordingly.
- n) Replace DG fan belts replace if required.
- o) Any other work assigned by supervisor/SSA
- p) Any other work assigned by JE/AE/HE.

(iii) Helper :

- a) Clean the substations, DG area and installations & equipments.
- b) Provide assistance to the SSA and Electrician/lineman.
- c) Carriage of Drums of Diesel and filling in DG Sets if required.
- d) Digging of earth for fault location as and when required.
- e) All the works assigned by supervisor/SSA
- f) Any other work assigned by JE/AE/HE.

21. Maintenance Job:

Keep the Substation and DG Set Room clean: wipe out dirt from external surface of engine, generator and control panels, transformer, HT LT panels etc

Checking the LT panel etc. for local heating of any feeder.

The scope of work includes annual maintenance of Substation equipments i.e. servicing of HT Panels, LT Panels, PT's, calibration of relays, as and when required.

Repair and replacement of MCCB/ FSU, indicating instruments, meters etc.in HT panel, LT panels/ feeder pillars etc.

Repair and replacement of internal wiring, fuses, MCB in HT/LT panel whenever required.

HT panels :

One Complete testing and servicing of all HT panels from OEM (Schneider) or authorized dealer/service providers and submit the Test report to EIC failing which action as per Penal Provisions mentioned in the Bid documents shall be taken against the agency.

Rest of the routine preventive maintenance shall be carried out in presence of representative of EIC on the standard format/parameter or as required by EIC and Test report shall be submitted to the EIC. However, any spare required for this service shall be provided by AIIMS BILASPUR HP

03 nos. of Oil type Transformer capacity of 1600 KVA each Make-voltamp:

Complete Preventive maintenance of Transformer has to be carried out by the agency in presence of EIC/representative of EIC on the standard format/recommendations of OEM / required by EIC and submits the report to EIC.

Carrying out oil filtration to transformers and top up new oil up to appropriate level.

The agency shall ensure that, first aid boxes shall be equipped with contents specified by the state govt. shall be provided

Attending all sorts of faults / break down developed in the cooling system, Oil leakage from any point inclusive of replacement of gaskets, tightness checking of all termination points as per direction of EIC.

- Visual inspection of mechanism, current carrying parts and insulating supports.
- Check for Relay settings.
- Abnormalities in operations.
- Record the load currents, voltage & setting of Tap for voltage regulation on daily basis.
- Visually inspection of Buchholz relay, WTI, OTI and Breather.
- Record the number of operations indicated in the OLTC on daily basis.
- Check for any unusual noise.
- Check for damages.
- Ensuring proper incomer lock out.
- Checking any loose connections of the terminations of HV & LV side of transformer and carrying out the tightness of HV & LV terminations.
- Maintaining the cleanliness of Transformer and other equipment.
- Checking Transformer for sign of overheating if any.
- Inspection of OLTC Circuit Health Check.
- Inspection of bushings for overheating and cracks.
- Inspection of the condition of earthing to be done monthly.
- Inspection of explosion vent, relays, alarm, circuit if any.
- Insulation Resistance Test as and when required.
- Carrying out oil filtration and top up of oil up to appropriate level as per relevant IS Code.

- Testing of Transformer Oil (BDV test) and record.

The agency shall ensure that:-

- Transformers shall be identified distinctly on display boards mention its capacity and voltage ratings.
- LV & HV side shall be marked on both the sides of transformers.
- Oil in the conservator tank of transformer shall be maintained at prescribed level.
- The HT & LT cables shall be identified by tags.
- WTI/OTI trips and alarm set values shall be permanently marked on marshalling box of the transformer.

04 nos. of Transformer capacity of 1600 KVA each 04 nos. of Transformer capacity of 2000 KVA each :

- Complete Preventive maintenance of Transformer has to be carried out by the agency in presence of EIC/representative of EIC on the standard format/ recommendations of OEM / required by EIC and submits the report to EIC. Record the load currents, voltage & setting of Tap for voltage regulation on daily basis.
- Agency/contractor shall execute a back to back annual maintenance contract (AMC) for all Dry type transformers with the OEM (voltamp) and submit a copy of agreement to Engineer In- charge within 15 days from the date of commencement of work. AMC must have following works under the scope of OEM (Voltamp):-
 - Blowring / de-dusting of Core-coil assembly, ventilator-louvers etc.
 - Changing the damage gaskets of enclosure if required.
 - Checking, cleaning of the Fix & Moving contacts, transition resistances etc. for any worming-out, looseness, damage/pitting, overheating etc in OLTC.
 - Tightening & physical inspection & checking of HT bushings & connection / LT bushings & connection /Tapping lead connections i.e. all electrical connection in the enclosure of transformer.
 - Tightness & checking of all core bolts, coil pressing/clamping bolts, insulators etc.
 - Checking of earthing connection on the transformer neutral & body earthings.
- Deputation of engineer for Testing - & preventative maintenance briefly listed as per mentioned below work of your Transformer.
 - Blowring / de-dusting of Core-coil assembly, ventilator-louvers etc.
 - Changing the damage gaskets of enclosure if required.
 - Checking, cleaning of the Fix & Moving contacts, transition resistances etc. for any worming-out, looseness, damage/pitting, overheating etc in OLTC.
 - Tightening & physical inspection & checking of HT bushings & connection / LT bushings & connection /Tapping lead connections i.e. all electrical connection in the enclosure of transformer.
 - Tightness & checking of all core bolts, coil pressing/clamping bolts, insulators etc.
 - Checking of earthing connection on the transformer neutral & body earthings.

7. Testing of transformer after completion of the above work for low voltage or possible site tests such as:

- IR Value.
- Voltage Ratio Test.
- Magnetic Balance Test.
- Magnetizing Current Test.
- WTI Operations.
- Operational Checks for OLTC.
- Operational Checks of RTCC

8. Overhauling of OLTC.

- Checking Mechanical Gear in Drive Mechanism.
- Checking of condition of moving and fixed contact.
- Checking of transition resistance.
- Greasing of Mechanical Gear in Drive Mechanism.
- Tightening of all the fasteners of moving and fixed contact.

9. Quarterly Maintenance Work to be done-

1. Bowering/ de-dusting of Core-coil assembly, ventilator – louvers etc.
2. Checking, cleaning of the Fix & Moving contacts, transition resistances etc. for any worming-out, looseness, damage/pitting, overheating etc. if OLTC provided.
3. Tightening & physical inspection & checking of HT bushings & connection / LT bushings & connection /Tapping lead connections i.e. all electrical connection in the enclosure.
4. Tightness & checking of all core bolts, coil pressing/clamping bolts, insulators etc.
5. Checking of earthing connection on the transformer neutral & body earthlings.

All other related works not covered under scope of AMC will be carried out by the agency/contractor. However, any spare required for this service shall be provided by AIIMS BILASPUR HP.

LT PANELS,DG SYNCHRONIZATION PANEL & UPS PANEL:

Complete service of Main LT panel/ DG/UPS Panel and its switchgear has to be carried out as per OEM (Schinder and L&T) guidelines and submit the Test report to EIC. Rest of the routine preventive maintenance shall be carried out in presence of representative of EIC on the standard format/parameter or as required by EIC and report shall be submitted to the EIC. However, any spare required for this service shall be provided by AIIMS BILASPUR HP.

SCADA:

Complete working/ reporting of SCADA(L&T) with monitoring of system at web client shall be ensured and monthly detailed report in soft copy and summary in hard copy shall be submitted by the agency. The Quarterly summary report shall also be submitted to EIC before end of quarter.

ESS-I &II :04 nos. DG set of 1250 KVA and 04 nos. DG set of 2000 KVA each ESS-III : 03 nos. DG set of 1250 KVA Jakson (Cumins) make

Operation and basic preventive maintenance of DG sets along with HSD storage tanks & pumping system (AMC with OEM or authorized service provider of DGs will be in the scope of AIIMS Bilaspur HP)

Run each DG Sets as per the schedule provided by the EIC for a period of 5-10 minutes for testing and entries of these tests shall be recorded in log books of each DG Sets

Daily Routine Checks

- Keep the DG Set Room/area clean: wipe out dirt from external surface of engine, generator and control panels etc.
- Check the levels of diesel in daily services tank, lubricant oil, in engine crankcase, and water/coolant in radiator. Fill / Top up as necessary.
- Inspect the engine for leakage of diesel oil, engine (lub.) oil, and coolant in the respective system.
- Check that the selector in control panel is in AUTO mode.
- Record the reading of voltage of supply and engine battery voltage.

Weekly Checks

- Check the automatic starting of engine by switching of the main supply to the AMF panel. Run the set on load for 15 minutes. Observe for any abnormality of noise. Vibration, bearing surface heating (whether warm), engine pick up, voltage level and frequency.
- Check the level of electrolyte in the battery of the engine. Top up with distilled water as necessary. If the battery needs charging (as can be judged by the cell voltage). Arrange for its charging early and also examine whether trickle charger is defective.
- Check whether all panels lamps, fuses & instruments are healthy in the control panel.
- Battery Health Check Inspection and remedial action if required
- Checking/tighten of AVR connections, if required.

Monthly Checks

- Checks engine radiator for air restriction if any. Clean up Check the conditions of drive belts, hose and radiator cap.

- Clean the battery terminals and apply gel to prevent corrosion. Check specific gravity of the electrolyte.
- Check the exhaust system for leakage, corrosion and vibration, see whether the exhaust smoke colour .
- Check that there is no restriction to air flow in air cleaner.
- Check that oil heater is functional if provided.
- Check coupling with alternator for any sign of fatigue.
- Checking and setting of safety control, gauges & sensors.
- Checking & adjustment of all belts & fitment of all hoses.
- Checking/replacement of rubber coupling and coupling bolts.
- Cleaning of Air Filter.
- Checking and tightening of mounting bolts.
- Checking and tighten of output connection.
- Cleaning of Alternator windings with blower.

Six Monthly Checks

- Inspect the electrical control panel and starters to see that all power/control contacts are clean all terminations, including control cables. Tighten as required.
- Inspect all cable end terminations, including control cables, tighten as required.
- Check all safety control and alarms in the set supply system.
- Check and clean air filters with blowers and check condition of diesel oil, engine (lub.) oil, coolant top-up if required. Thorough cleaning of radiator with presser washer as instructed by EIC.
- Check the belt tension tighten if required.
- Checking and cleaning of Acoustics Enclosure
- Checking/tighten of AVR connections, if required.

Annual Checks

- Inspect the fuel tank for any sedimentation. Clean up.
- Check shaft alignment and condition of anti-vibration mountings, in case any abnormal noise or vibration is observed.
- Blow through radiator core in a direction opposite to the normal flow of air (Reserve flushing). Conduct megger test if required on cabling, mains and control wiring motors, and earth test, (Earth test is to be done in summer).
- Measurement IR value of alternator if required or as directed by OEM.
- Cleaning of Alternator windings with blower.

Cleaning of all DG sets must be carried out as per the guidelines of OEM i.e. M/s Jakson (Cumins).All other related works not covered under scope of AMC will be carried out by the agency/contractor. However, the spare required for the repair/maintenance shall be provided by AIIMS BILASPUR HP.

Earth Pits:

a) Earth continuity test and Earth electrode resistance test to all earth pits / equipment shall be carried out as per I.E rules and when required and as directed by EIC in the presence of representative of EIC. The test should be carried out during summer season as per clause 16.4 & 16.5 of CPWD General Specification for electrical works-Part 1 (internal)-2013 or latest amended and the results to be recorded in separate register and the same register to be submitted.

b) If any of the earth pits earth resistance values are not within the standard limit, concerned earth pit must be recharged / renovated / replaced and same as to be brought

c) Watering to the all-earth pits once in a week or as directed by EIC.

The spare required for the repair/maintenance shall be provided by AIIMS BILASPUR HP.

Breakdown Maintenance Job:

The service agency has to provide unlimited service visit for any breakdown. The agency has to respond within half an hour for any breakdown call and attend the site within 2 hours. In case any breakdown of DG sets, agency will provide all site support of any kind as desired by OEM/authorized dealer however the AMC with DG OEM/authorized dealer is in the scope of AIIMS Bilaspur HP and any spare required for the same shall be provided by AIIMS BILASPUR HP.

List of existing equipment's installed at ESS-I , II& III.

Incoming feeders :

1. 33kv double circuit double pole overhead feeder approx. 1.2 Km.
2. 33kv underground 3no feeders of 3 core 300sqmm (Aprox-2900mtrs).

ESS-I & II:

1. HT panel comprises of 04nos 33kv VCB & its protection, metering and controlling equipments - 1 nos
2. HT panel comprises of 07nos 33kv VCB & its protection, metering and controlling equipments- 1 nos
3. HT panel comprises of 06nos 33kv VCB & its protection, metering and controlling equipments- 1 nos
4. Dry type Transformers of capacity 1600 KVA 33/.415KV -4 nos (Voltamp)
5. Dry type Transformers of capacity 2000 KVA 33/.415KV -5nos (Voltamp)
6. Main LT Panel comprises of 36nos ACB, metering equipments & MCCBs L&T(tti)
7. Main LT Panel comprises of 29nos ACB, metering equipments & MCCB schneider
8. DG synchronization panel comprises of 9nos ACB, protection, metering and controlling equipments- 1 nos
9. DG synchronization panel comprises of 10nos ACB, protection, metering and controlling equipments- 1 nos
10. UPS Panel comprises of metering equipments & MCCBs etc.

11. BBT of various capacities.
12. SCADA system with 02 nos PLC with PC for remote monitoring of the system.
13. Outgoing underground/on cable tray laid feeders of different sizes for each building/block
14. Capacitor bank 450kvar 5nos and 350kvar-4 nos with active filters.

ESS-III:

1. HT panel comprises of 06nos 33kv VCB & its protection, metering and controlling equipments etc- 1 nos
2. Oil type Transformers of capacity 1600 KVA 33/.415KV -3nos (Voltamp)
3. Main LT Panel comprises of 18 nos ACB, metering equipments & MCCBs L&T(tti)
4. DG synchronization panel comprises of 8 nos ACB, protection, metering and controlling equipments- 1 nos
5. BBT of various capacities.
6. SCADA system with 01nos PC for remote operation and monitoring of the system.
7. Outgoing underground feeders of different sizes for each building & hostel blocks.
8. Outdoor Distribution panel for feeders to residential blocks and hostels.
9. Capacitor bank 350kvar-3 nos with active filters.
10. Energy Metering panel in each block of residential buildings.
11. Main LT panels in each hostel.

**SCOPE OF WORK FOR AMC WORKS OF SWITCHGEAR
(to Be executed through OEM or Authorized Agency)**

VOLTAMP SCOPE OF WORK : - (Quarterly Service 4 Times a Year + One Free Visit if fault Occurs + Unlimited Telephonic Support)

Dry Type Transformer: -

Deputation of engineer for Testing - & preventative maintenance briefly listed as per mentioned below work of your Transformer.

1. Blowering / de-dusting of Core-coil assembly, ventilator – louvers etc.
2. Changing the damage gaskets of enclosure if required but gasket shall be supply on chargeable basis.
3. Checking, cleaning of the Fix & Moving contacts, transition resistances etc. for any worming out, loose ness, damage/pitting, overheating etc in OLTC.
4. Tightening & physical inspection & checking of HT bushings & connection / LT bushings & connection /Tapping lead connections i.e. all electrical connection in the enclosure of transformer.
5. Tightness & checking of all core bolts, coil pressing/clamping bolts, insulators is etc.
6. Checking of earthing connection on the transformer neutral & body earthing.
7. Testing of transformer after completion of the above work for low voltage or possible site tests such as:

- IR Value.
- Voltage Ratio Test.
- Magnetic Balance Test.

Magnetizing Current Test.

- WTI Operations.
- Operational Checks for OLTC.
- Operational Checks of RTCC

Overhauling of OLTC.

- Checking Mechanical Gear in Drive Mechanism.
- Checking of condition of moving and fixed contact.
- Checking of transition resistance.
- Greasing of Mechanical Gear in Drive Mechanism.
- Tightening of all the fasteners of moving and fixed contact.

Scope of Work for Oil Type Transformers:-

1. Overhauling of OLTC.
2. Checking Mechanical Gear in Drive Mechanism.
3. Checking of condition of moving and fixed contact.
4. Checking of transition resistance.
5. Greasing of Mechanical Gear in Drive Mechanism.
6. Hot oil washing / cleaning.
7. Tightening of all the fasteners of moving and fixed contact.
8. Attending oil leakage if any. All the required spares are to be supplied by at your end.
9. Checking of functioning of OLTC in Electrical / Local / Remote / Auto Mode. Transformer Inspection:
10. Physical Inspection of Transformer.
11. Inspection of HV/LV Bushing & Cable Box.
12. Cleaning of complete Transformer.
13. Inspection of Silica gel Breather and if required, Silica gel to be replaced. Silica gel to be supplied by you.
14. Attending oil leakage if any. All the required spares are to be supplied by at your end.
15. Tightening of HV/LV Bushing and its connection only. Transformer

Testing at Site:

16. Low voltage Testing of Transformer

IR

Ratio by voltage method.

Magnetic Balance.

Magnetizing Current.

Note:- Dehydration/Filtration of Oil Type transformers will be done Once a year.

Scope Of Work for LV Circuit Breakers

1. LV ACB(Schneider/L&T Make)

- a) Dismantling, cleaning and assembling of front cover, push button, locking device.
- b) Dismantling, cleaning of arc chute cover and terminal shield.
- c) Dismantling, cleaning, checking and assembling of arc chute.
- d) Dismantling, cleaning / greasing and assembling of electrical spring charging motor (In Electrical only)
- e) Dismantling, cleaning, checking / testing and assembling of tripping coil / closing Coil (In Electrical only)
- f) Dismantling, cleaning & tightening of Protection relay.
- g) Checking of main contact wear by physical inspection.
- h) Cleaning and greasing of Breaker main Mechanism by Schneider recommended fully synthetic imported multipurpose grease to increase the reliability in terms of mechanical as well as electrical properties and their endurance.
- i) Inspection of Main-spring / tripping spring / locking spring.
- j) Dismantling / cleaning & greasing of spring charging handle.
- k) Inspection / cleaning of breaker rear terminals & greasing them.
- l) Inspection / cleaning of the changeover contacts of the OF Switch.
- m) Dismantling, cleaning, greasing and assembling of clusters (applicable for draw out circuit breaker only)
- n) Checking and cleaning / greasing (as required) of hand pullout system, racking mechanism of chassis and function position indicators (in draw out type only)
- o) Checking and tightening of control unit connection block and chassis rear terminals.
- p) Cleaning & checking tightness of wires on WAGO terminal.
- q) Checking healthiness of Protection relay type Micrologic mounted on breaker (Tripping current & Tripping Time) by dedicated Schneider Test Kit
- r) All Micrologic Release testing for NW/NT is included.
- s) Submission of reports.

MV Breaker Schneider PIX 36 : (Servicing & Testing) for 33 kV VCB Panel Schneider make with VCB, Relay, CT & PT.

(One Preventive + 2 Breakdown Visits + unlimited Telephonic Support)

- a) Check auxiliary supply and control voltage.
- b) Physical checking of Breakers
- c) Check fixed and moving contacts.
- d) Check close & trip coil
- e) Clean the breaker compartment thoroughly.
- f) Lubricate the breakers if necessary.
- g) Apply grease / petroleum jelly on required part
- h) Check spring charging motor.
- i) Do physical verification of any wear & tear in the breaker and rectify it, if possible
- j) Physical checking of Epoxy Housing.
- k) Checking of control circuit & tighten the connections if any.

Following Tests will be carried out:

- l) Measurement of contact resistance by CRM Kit.
- m) Breaker Operation Test both Manually and Electrically (5 Operations each).
- n) Measurement of Insulation resistance with 5 KV Megger
- o) Check earth continuity.

- p) Closing & Opening Timing Test for all three poles.
- q) Vacuum bottle testing with special kit with value.

Cubicle (Vertical)

- r) Check the space heater.
- s) Clean the breaker compartment thoroughly.
- t) Clean the Cable chamber & Panel outside.
- u) Check cable end termination & tighten if required.
- v) Apply grease / petroleum jelly on required parts.
- w) Check shutter operation.
- x) Check tightness of circuit & earth connections.
- y) Check bus bar support insulators.
- z) Alignment checks of VCB for proper rack-in & rack out.
- aa) Alignment of panel doors for Breaker chamber, LV chamber & Rear door (to the extent possible)
- bb) Check of limit switches, control cable conduit.
- cc) Phase barrier setting in cable chamber (to the extent possible).
- dd) Checking of power isolating contacts and auxiliary isolating contacts.
- ee) Checking of indication lamps, tightening of nuts & bolts, checking of trolley wheels' alignment during rack in/out

Protection and Control Panel :

- ff) Check auxiliary supply and control voltage
- gg) Check control and power fuses/ indication lamps.
- hh) Check the space heater. ii) Check close & trip coil.
- jj) Checking of control circuit & tighten the connections if any.
- kk) Over Current and E/F testing of Relays by Primary Injection /Secondary Injection.
- ll) Functional checks of Individual feeder.
- mm) Checking for Under voltage tripping of the feeders.
- nn) Check of limit switches, control cable conduit.
- oo) Checking of Control supply circuits.
- pp) Under voltage & master relay testing


<p>Deviation, deviated Quantities, Pricing In the case of contract items, substituted items, contract cum substituted items, which exceed the limits laid down in schedule F, the contractor may within fifteen days of receipt of order or occurrence of the excess, claim revision of the rates, supported by proper analysis for the work in excess of the above-mentioned limits. The Engineer-in-Charge shall be paid in accordance with the rates so determined.</p> <p>The prescribed time limit for finalizing rates for Extra Items), Substitute Items) and Deviated Quantities of contract items is within 45 days after submission of proposal by the contractor without observation of the Engineer-in-Charge.</p> <p>12.3 The provisions of the preceding paragraph shall also apply to the decrease in the rates of items for the work in excess of the limits laid down in Schedule F, and the Engineer-in-Charge shall after giving notice to the contractor within one month of occurrence of the excess and after taking into consideration any reply received from him within fifteen days of the receipt of the notice, revise the rates for the work in question within one month of the expiry of the said period of fifteen days having regard to the market rates.</p> <p>12.4 For the purpose of operation of Schedule "F", the following works shall be treated as works relating to foundation unless otherwise defined in the contract: (i) For Buildings: All works up to 1.2 metres above ground level or up to floor 3 level whichever is lower. (ii) For abutments, piers and wall retaining All works up to 1.2 m above the bed level. (iii) For retaining walls, wing walls, compound walls, chimneys, overhead reservoir/ tanks and other elevated structures: All works up to 1.2 metres above the ground level.</p>	<p>Deviation, deviated quantities, Pricing In the case of contract items which exceed the limit laid down in Schedule F, the contractor may within fifteen days of the receipt of order or occurrence of the excess, claim revision of the rates, supported with proper analysis of rate and invoices, vouchers, etc. (as applicable), for the quantity in excess of the above mentioned limit. The Engineer-in-Charge shall within 45 days of receipt of the claims, after giving consideration to the analysis of rates and other documents submitted by the contractor, determine the rates on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined.</p> <p>The rate(s) so determined by the Engineer-in-Charge shall be final and binding on the contractor, and shall not be arbitrable.</p> <p>12.3 The provisions of the preceding paragraph shall also apply to the decrease in the rates of items for the work in excess of the limits laid down in Schedule F, and the Engineer-in-Charge shall after giving notice to the contractor within 30 days of submission of that bill by the contractor which contains such item(s), and after taking into consideration any reply received from the contractor within 15 days of the issue of such notice, reduce the rate for quantity in excess of the above-mentioned limit on the basis of market rates, within 30 days of the expiry of the said period of 15 days, and the contractor shall be paid in accordance with the rates so determined.</p> <p>The rate(s) so determined by the Engineer-in-Charge shall be final and binding on the contractor, and shall not be arbitrable.</p>
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Deleted	Deleted

<p>(iv) For reservoirs/tanks (other than overhead reservoirs/tanks): All works up to 1.2 metres above the ground level.</p> <p>(v) For basement: All works up to 1.2 m above ground level or up to floor 1 level whichever is lower.</p> <p>(vi) For Roads, all items of excavation and filling including treatment of sub base.</p>	<p>Deleted</p>
<p>12.5 Any operation incidental to or necessarily has to be in contemplation of tenderer while quoting tender, or necessary for proper execution of the item included in the Schedule of quantities or in the schedule of rates mentioned above, whether or not, specifically indicated in the description of the item and the relevant specifications, shall be deemed to be included in the rates quoted by the tenderer or the rate given in the said schedule of rates, as the case may be. Nothing extra shall be admissible for such operations.</p>	<p>12.5 The cost of any operation necessarily in contemplation of tenderer while quoting tender or necessary or incidental to proper execution of an item of work included in the Schedule of Quantities or in the Schedule of Rates mentioned in Schedule F, whether or not specifically indicated in the description of the item and the relevant specifications, shall be deemed to be included in the rates quoted by the tenderer or the rate given in the said Schedule of Rates, as the case may be. Nothing extra shall be admissible for such operations.</p>


This issues with the approval of competent authority.


 (वी०पी० साहु)
 17.01.2021

अधीक्षण अभियंता(सी०एंड एम०)

Issued from file No.CSQ/CM/17(1)/2020 e-file no. 9104203

प्रतिलिपि: सभी केलोनिवि तथा लोनिवि दिल्ली के अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु। (केलोनिवि वेबसाईट के माध्यम से)


 17.01.2021
 अधीक्षण अभियंता(सी०एंड एम०)

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/314

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD


Nirman Bhawan, New Delhi

Dated: 24.02.2021

Subject: Modification in Clause 19 and 41 of GCC 2020 for Construction Works/Maintenance Works/EPC Projects.

The following modifications are made in the GCC 2020 for Construction Works/Maintenance Works/EPC Projects.

Existing Provision	Modified Provision
<p>Clause 19 Labour Laws to be complied by the Contractor</p> <p>The contractor shall obtain a valid licence under the Contract Labour (R&A) Act, 1970, and the Contract Labour (Regulation and Abolition) Central Rules, 1971, before the commencement of the work, and continue to have a valid license until the completion of the work.</p> <p>The contractor of the work.</p>	<p>Clause 19 Labour Laws to be complied by the Contractor</p> <p>The contractor shall comply with the provisions of the Contract Labour (Regulation and Abolition) Act, 1970, and the Contract Labour (Regulation and Abolition) Central Rules, 1971.</p> <p>The contractor shall also obtain a valid licence under the said Act before the commencement of the work, and continue to have a valid licence until its completion.</p> <p>The contractor of the work.</p>
<p>Clause 41 Release of Security deposit after labour clearance</p> <p>Release of Security Deposit of the work shall not be refunded till the contractor produces a clearance certificate after labour certificate from the Labour Officer.</p> <p>.....</p>	<p>Clause 41 Release of Security deposit</p> <p>The Security Deposit of the work shall be refunded if no labour complaint has been received from the labour officer till the due date of its payment. If a labour complaint is received during this period, the Engineer-in-Charge shall, after issue of notice in this regard to the contractor, deduct the amount required to settle the complaint from his security deposit and refund the balance amount.</p>


(वी. पी. साहु) 24.02.2021

अधीक्षणअभियंता(सी.एंड एम.)

Issued from file No.CSQ/CM/17(1)/2020 e-file no. 9104625

केलोनिवि तथा लोनिवि दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु (केलोनिवि वेबसाईट के माध्यम से)।

PROFORMA FOR TESTS CARRIED OUT

NAME OF THE WORK:

DIVISION/

AGREEMENT NO. & DATE:

SUB-DIVISION

Name of Contractor: -

R.A Bill No.: -

S l. N o .	Item	Quantities as per agreement	Frequency as per specification	No. of tests required	Up to date quantity	No. of tests required	No. of tests actually done	Remarks
1	2	3	4	5	6	7	8	9

Signature of Contractor

LIST OF ACCEPTABLE / APPROVED MAKES FOR ELECTRICAL AND NIT WORKS

S. No.	Material	Approved Make
1	MS conduit (ISI Marked)	BEC/AKG/NIC
2	MS Conduit accessories (ISI marked)	AKG / BEC/NIC
3	Modular Plate ,Modular Switch/ Sockets, TV Socket outlet, Telephone socket outlet, Lan socket outlet, GI Boxes, Fan Regulator, Industrial Socket Outlet(ISI marked)	Legrand(Myrus)/Schneider (Zendelo)/ Northwest (Stylus)
4	1.1 KV Grade PVC insulated FRLS single core cable/wire (ISI Marked)	Polycab/Finolex/Skyda/BCH/ L&T
5	PVC conduit with accessories (ISI marked)	Precision/ AKG/BEC
6	TV cable/Telephone cable	Finolex/Polycab /Havells/ Skyda/BCH/ L& T/ Delton/Skyton
7	Telephone Tag Blocks	Krone Type (German)/Pouyet/D-Link
8	Moulded Case Circuit Breaker (MCCB)	Siemens (3VA)/ Legrand (DPX3)/ Schneider (Compact NSX)/ L&T (D-Sine)
9	MCB / Distribution Boards/ Isolator/ ELCB /RCCB	Legrand/ Schneider/ ABB/ L&T
10	Lighting Conductor/Protection & Earthing System	Dehn/APS/Tercel/South Asian/JMV/ABB /Nimbus
11	Cable Tray (Factory Fabricated)	Indiana/Venus/Slotco/Pilco/Recco/Legrand/ OBO/KM E
12	Floor Race Ways System	Legrand /OBO/MK /Schneider Electric
13	UPS system	APC/Emerson/ Numeric/Socomec/Delta
14	LED Light Fixture	Philips /Havells/ Crompton
15	LED makes in LED fittings	Nishia/Cree/Philips Ltd./Osram/
16	Ceiling Fan/Wall Fans/Exhaust Fans/ Pedestal Fans	Almonard/ Alstom/Crompton/Usha/Bajaj
17	External Lighting/ Lighting Fixtures	Wipro/Philips/Havells/Crompton
18	External lighting Pole	Bajaj/Schneider/Caslec/ Philips/GE
19	High Mast Pole	Phillips/ Bajaj/ BPP /Crompton /Volmount
20	Occupancy Sensor	Phillips /Wipro/GE/Finder
21	RJ-45 Modular Socket with Plate	AMP/ Schneider/ Siemon/ Systimax
22	Polycarbonate Junction Box	Sintex/MK/Legra nd/Hensel/Neptune
23	H.T. Panel	ABB/Alstom/Schneider/Siemens/Crompton greaves/Kirloskar
24	Transformer	ABB/Schneider/Crompton/Kirloskar/Siemens/Alstom (Areva)
25	Diesel Engine	Cummins/Perkins/ Caterpillar/KOEL/Volvo Penta/Sudhir

26	Alternator	KOEL/Stamford/Leroy Somer/Kohler/Perkins/Sterling & Wilson/Sudhir
27	Anti-vibration mountings	Dunlop/Resistoflex/Easy Flex/Kanwar
28	SMF Lead Acid Battery	Exide /Okaya /Amron /Amco /Cummins
29	Exhaust MS Pipes	Jindal (Hissar) /TATA/ Hindustan
30	Steel Structure	Sail/ Tisco/Jindal/ISTM
31	Ball Valve (Fuel)}	Audco /Leader/ Sant
32	Insulation Mats /Rubber Mats	Jyoti/Maruti/ Agni/Howeil/Fire hut
33	GI Pipe	TATA Steel/Jindal (Hissar)/Sail
34	Bus Duct/Rising Main/ Tap off Box	Legrand/Schneider/L&T/C&S
35	MV Panel/ LT Panel/Feeder Pillar	Adlec/Advance Panels/ Neptune/ Tricolite/C&S/ SPC(Electrotech)/Risha Power Control
36	Rubber Gaskets	CIC/Varuna/Jyoti/Agni
37	Selector Switch's	L&T /Kaycee/ AE/Salzer /Siemens
38	ACB's	L&T (Upower)/Siemens (3 WL)/ Schneider (Masterpact-NW)/ Legrand (DMX3)/ ABB (EMAX}
39	VCB's	Siemens/ L&T /Schneider/ ABB /Crompton
40	LED Indication Lamps/Push button	Schneider Electric/Vaishno Electricals/ Siemens /L& T/Conserve/C&S
41	APFC/Capacitor Panel	Neptune/Schneider/ABB/L&T/Siemens/ Epcos/Ducatti/BCH electric
42	Capacitors	Epcos/L&T/BCH/Neptune
43	CT's /PT's	Automatic Electric/Pragati/Kappa/ L&T/ Neptune
44	Electronic Digital Meters (A/V/PF/Hz/KW/KWH} with LED Display	Schneider Electric/Neptune/L&T/Conserv/ Secure/Ducati/Socomec
45	Automatic Transfer Switch	ASCO/Cummins/L&T/ ABB/Socomec
46	SPD (Surge Protector)}	Mersen/Eaton/Weidmuller/LPI/ERICO/ Nimbus/ Indelac/ABB
47	Earth Leakage Protection relay/Aux. Relay /APFC Relay/PLC	L&T /Schneider /Legrand /C&S /Neptune/ Siemens
48	Digital Astra Timer	L&T /Schneider /Legrand /C&S /Neptune/ Siemens
49	Power Contactor / Aux. Contactor (Model to be compelled with System}	L&T /Schneider /Legrand /C&S /Neptune/ Siemens
50	Single Phase Preventer	L&T /Schneider /Legrand /C&S /Neptune/ Siemens
51	XLPE Aluminium/copper Conductor Armoured LT cables upto 1100 V Grade (ISi Marked}	Havells/Polycab/Grandley/ Finolex
52	AL. Conductor XLPE HT Cable (ISi Marked}	Polycab/Havells/Finolex

53	End Termination/ Brass compression gland	Dowell's/Comet/Raychem/Gripwell/ ABB
54	HDPE Pipe (ISI Marked}	Rex/ Duraline/Tirupati/GF
55	Jointing Kit /Cable Gland /Lugs /Thimbles /Compression Glands (HT/LT}	Comet /Dowells/Raychem /Gripwell /ABB/ Jainson/Denson
56	Water Pumps /Fire Pump/Dewatering Pump/Sewerage Pump/ Drainage Pump	Kirloskar/Harrison/Mather & Platt/ Grundfoss
57	Electrical Motors	Siemens/Kirloskar/NGEF/ABB
58	'C' Class Heavy Duty M.S. Pipe	TATA /Jindal (Hissar) /SAIL
59	Starters	L&T/Siemens/Schneider
60	Pressure switch	Indfoss/Switzer/System sensor/Plotter
61	Single headed Hydrant (Internal/External) /Fire Brigade inlet/Short branch pipe /shut off nozzle/Suction Collecting Head	Superex/Newage/Safefire/LifeGuard/Safex/ Getech/O mex/Minimex
62	Rubber pipe for hose reel	Superex/Maruti//Life Guard/Suprex
63	RRL Hose(ISI Marked)/ First Aid Hose Reel/ Hose drum/ Hose Cabinet	Superex/Maruti//Life Guard/Suprex
64	Anti-Vibration Mounting/Vibration Eliminator Connectors/Metallic Expansion Bellows	Resisto Flex/ Easy Flex/ D.Wren/ Dunlop
65	Flow Switch	System Sensor/ Plotter/ Johnson Control/Honeywell /Rapid Cool
66	Air Vessel	Padmini/ LG/ Getech/Newage
67	Sluice Valve/Butterfly Valve/Non Return Valves/Check Valve/ Ball Valve/Y Strainer/Air Release Valves/Landing Valve/Orifice Plate	DRP/AIP/C&R/Emerald/ Advance/Valtree /Kirloskar
68	Sprinklers (UL Listed)	Tyco/HD/G Tech
69	Fire Extinguisher	Life Guard /Ceasefire /Minimax /Safex / Newage/Safe Fire
70	Synthetic Enamel Paints /Primer	Asian/Berger/Nerolac/ICI
71	Pressure Gauge	Danfoss/ H-Guru/ Fiebig/ Emerald
72	Sprinkler flexible connection pipe	Newage/Youngjin/Flexhead
73	Air Conditioners	Voltas, Hitachi, Blue Star
74	Geyser	Crompton, Bajaj, Havells

Note: - The Executive Er-Electrical on behalf of the Superintending Er-Civil, AIIMS Bilaspur H.P reserves the right to add or delete any materials and Brands in the list of preferred materials/brands.

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Note: - The Contractor shall procure and provide all the materials from the manufacturers/ suppliers as per the above list, as per the item description and particular specifications for the work. The equivalent brand for any item shall be permitted to be used in the work, only when the specified make is not available. This is, however, subject to documentary evidence produced by the contractor for non-availability of the brand specified and also subject to independent verification by the Engineer-in-Charge. In exceptional cases, where such approval is required, the decision of Engineer-in-Charge as regards equivalent make of the material shall be final and binding on the Contractor. Nothing extra shall be payable on this account.

EXCLUSIONS / MODIFICATIONS IN CPWD GENERAL CONDITIONS OF CONTRACT 2023 (CONSTRUCTION WORKS)

- i. The word **President** / President of India and his successors wherever appears shall be read as the Executive Director, AIIMS BILASPUR (HP) and his successors.
- ii. The word **Government or Government of India** wherever appears shall be read as AIIMS BILASPUR (HP).
- iii. The Engineer-in-charge means the Executive Engineer (Electrical) who shall supervise and be In charge of the work and who shall sign the contract on behalf of the Executive Director, AIIMS BILASPUR (HP) as mentioned in Schedule 'F' hereunder
- iv. **Department** shall mean Engineering Department, AIIMS BILASPUR (HP) or any Division of AIIMS BILASPUR (HP) which invites tenders on behalf of Institute as specified in the Schedule 'F'.

LIST OF TENDER DRAWINGS

1. ESS 1, 2 & 3 -SLD

Note :

The aforesaid drawings are enclosed along with the NIT separately.

FORMS

FORM-A

**PROFORMA OF ANNUAL FINANCIAL TURNOVER FROM
CHARTERED ACCOUNTANT**

Sr. No.	F.Y.	Turnover (in Rs.)
1		
2		
3		
	Net Average Annual Turnover	

Signature of Chartered Accountant

Name of Chartered Accountant

Membership No. ICAI

Date and Seal

FORM OF SOLVENCY CERTIFICATE FROM THE NATIONALISED/ SCHEDULED BANK

This is certified that to the best of our knowledge and information Shri/Smt.....having address....., a customer of our bank are/is respectable and can be considered solvent upto Rs..... (Rupees)/financially sound for any engagement upto Rs..... (Rupees). This certificate is issued without any guarantee or responsibility on the bank or any of the officer(s).

(Signature)

**Name, Designation and Personal
Code No of Signatory& Seal of bank
Complete Postal Address,
Telephone No, e-mail ID of Branch**

FORM OF WORKING CAPITAL CERTIFICATE FROM NATIONALIZED/ SCHEDULED BANK

This is certified that Shri/Smt.....having address.....has /have been maintaining a Saving Bank Account /Current Account/ Fixed Deposit Account with this Branch of bank since.....and the firm is having working capital of approximately Rs and/ or the firm is enjoying overdraft/credit facilities upto limit of Rs This certificate is issued without any guarantee or responsibility on the bank of any or the officer(s).

(Signature)

**Name, Designation and Personal
Code No of signatory& seal of bank**

Note: In case of partnership firm, certificate shall include names of all partners as recorded with the bank.

FORM-E

CALCULATION OF BIDDING CAPACITY

DETAILS OF EXISTING COMMITMENTS AND ONGOING WORKS.

S. No.	Name of work/ project and location	Owner or sponsoring organization	Contract value	Date of commencement as per contract	Stipulated date of completion	Up to date percentage progress of work	Remaining work in percentage (100- column 7)	Existing commitment Column 4 x Column 8 /100	Name and address/ telephone number of officer to whom reference may be made	Remarks
1	2	3	4	5	6	7	8	9	10	11

Total (B) =

Maximum turnover in last seven years = Rs.....

Updated value of turnover (A) = Rs.....

No. of years (N) =

Bidding Capacity= $\{[AxNx1.5]-B\}$ =

Certificate:

I certify that all the awarded and ongoing works have been included in the above list.

(Signature of Bidder(s))

SCHEDULE OF QUANTITY

Three Shift Operation and Maintenance of 33/.415KV substations including Incoming and Outgoing Overhead and Underground Feeders Installed at AIIMS Bilaspur, HP.						
	a	b	c	d	e	f
Sr. No.	Type of Employees	Type of Labour	No, of Employees	No. of working days in a year	Minimum wages per day (as per MoLE, Govt. of India for C Area, as on 01/10/2025 i.e.: (Basic)+(VDA)) (in ₹) or as per 7th CPC Pay Scale (As Applicable)	Wages per annum (in ₹) c*d*e
<p>Header A-Labour & Supervisor Component - Tenders having quoted rates below the prescribed minimum rates/wages and statutory provisions under Header 'A' (Even if it is less by ₹1/-) will be rejected. (Higher between the minimum wages declared by the Central Govt. Or HP State Govt).</p> <p>For Labour & Supervisor Component, the institute (AIIMS Bilaspur H.P) shall compensate the contractor for any increase in minimum wages as prescribed by the Chief Labour Commissioner (Central) , Ministry of Labour & Employment from time to time and the associated liabilities like Bonus, PF and ESI components shall also be compensated accordingly.</p>						
1	Engineer	Supervisor	4	312	1362.00	1699776
2	Electrician	Highly Skilled	7	312	868.00	1950312
3	Electrical Fitter	Skilled	8	312	739.00	189960
4	Helper	Unskilled	8	312	526.00	1250336
	Total Cost of Supervisor & Labour per Annum -(A)					6897384
5	Bonus @8.33% - Yearly salary x 8.33% Bonus (Payable only for employees receiving salary up to ₹21,000/- per month or any amount specified by authority from time to time)					270499.76
6	EPF+EDLIS @13% (12.5% EPF +0.5% EDLIS includes admin. Charges) 'calculated for 26 (Total Employees) x 15000 (Monthly ceiling) x 12 months (Subject to maximum ceiling of 15000 salary per month or any amount specified by EPFO from time to time)					620143.68

7	ESIC @3.25% - Yearly salary x 3.25% ESIC (Payable only for employees receiving salary up to ₹21,000/- per month or any amount specified by ESIC from time to time)	105537.12
8	Total amount for Header-A (Labour + Supervisor Component +Statutory Payment+ Applicable GST) per annum i.e., Sum of 1 to 7	9314406
9	Header "A": Total amount to be quoted against Header "A" at Sr. No. (8) above including Contractors Service Charges /Overheads & Profits, necessary tools & tackles etc. complete in all respects.
10	HEADER-B :- Total amount to be quoted for Maintenance as per scope of Work comprising of Charges for Non-Comprehensive AMC (Servicing & Testing) for 33 kV VCB Panel Schneider make with VCB, Relay, CT & PT including GST. > 1 Preventive maintenance + 2 Breakdown Visits (AMC Period: 12 months)	2193620
11	Total amount to be quoted for Header "B" including applicable GST complete in all respects.
12	HEADER-C: - Total amount to be quoted for Maintenance as per scope of Work comprising of Charges for Non-Comprehensive AMC (Servicing & Testing) MV ACBs of Scheneider make and L&T make including GST. > 1 Preventive maintenance + 2 Breakdown Visits (AMC Period: 12 months)	1054920
13	Total amount to be quoted for Header "C" including applicable GST complete in all respects.
14	HEADER-D: - Total amount to be quoted for AMC of 9 Nos Dry Type Transformers Voltamp Make (2000KVA Transformers 5 nos and 1600KVA transformers 4 Nos) and 3 Nos Voltamp make Oil Type 1600KVA including overhauling of OLTC, Transformer Oil testing and dehydration and filtration Qty 9060 Ltrs along with applicable GST. (AMC Period: 12 months)	1929300
15	Total amount to be quoted for Header "D" including applicable GST complete in all respects.