

अखिलभारतीयआयुर्विज्ञानसंस्थान , बिलासपुर
हिमाचलप्रदेश - 174037
**ALL INDIA INSTITUTE OF MEDICAL SCIENCESBILASPUR, HP-
174037**
DEPARTMENT OF ENGINEERING



NIT No: EE-C/AIIMS/BLS/2026-27 /002

Name of Work: Providing and upgrading existing audio-visual equipment, including audio calibration and adjustment, in the Auditorium at AIIMS Bilaspur, H.P.



अखिलभारतीयआयुर्विज्ञानसंस्थान , बिलासपुर
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All India Institute of Medical Sciences,
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Executive Engineer
AIIMS Bilaspur, HP

SECTION-I	PRESS NOTICE	
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**ALL INDIA INSTITUTE OF MEDICAL SCIENCES BILASPUR HP,
DEPARTMENT OF ENGINEERING,**

NOTICE INVITING e-TENDER

The Executive Engineer, AIIMS Bilaspur (HP) on behalf of the Executive Director AIIMS Bilaspur (HP) invites Online Percentage Rate from the approved and eligible CPWD registered contractors' in appropriate class or above in composite or Audio Video 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 Audio Video Works and who satisfies the criteria of execution of similar work for the following work:-

Name of Work: Providing and upgrading existing audio-visual equipment, including audio calibration and adjustment, in the Auditorium at AIIMS Bilaspur, H.P.

Estimated Cost: ₹ 15,66,115/-

Earnest Money: ₹ 31,322/-

Period of Completion: Two months

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

Last date & time for submission of Original EMD: As per CPPP

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

The Original EMD as scanned & uploaded shall be deposited physically by all the intending bidders in the EMD Drop box of the office of Executive Engineer as per above schedule failing which the bid shall be treated as invalid.

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) 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> for participating in e-tendering process.

Executive Engineer,
AIIMS Bilaspur (HP)

SECTION-II	CHECK LIST	
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CHECK LIST FOR CONTRACTORS FOR SUBMISSION OF TENDERS ONLINE:

1. 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 13 OF BID DOCUMENTS.
2. 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.
3. TENDER TO BE WITNESSED AT SPECIFIED PAGE OF TENDERED DOCUMENTS AT THE TIME OF DRAWING AGREEMENT WITH THE SUCCESSFUL BIDDER.
4. THE TENDER / TENDERS CONTAINING CONDITIONS CONTRARY TO THOSE SPECIFIED IN THIS DOCUMENT SHALL BE SUMMARILY REJECTED.
5. THE INTENDING BIDDER SHALL QUOTE HIS PERCENTAGE RATE IN FIGURES ONLY. THE RATES IN WORDS, AMOUNT AND THE TOTAL IS GENERATED AUTOMATICALLY. THEREFORE, THE RATE QUOTED BY THE BIDDER IN FIGURES IS TO BE TAKEN AS CORRECT.
6. THE CONTRACTOR(S) SHALL QUOTE THE RATES KEEPING IN MIND, CPWD GENERAL CONDITIONS OF CONTRACT 2023 FOR RELEVANT WORKS UPLOADED ON THE WEBSITE OF AIIMS BILASPUR (HP), SPECIAL CONDITIONS OF CONTRACT ETC.
7. IT MAY BE NOTED THAT IN THE PRESENT CONTRACT CLAUSE NOS 10C AND 10CC ARE NOT APPLICABLE.
8. 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.

SECTION-III	<u>Form- 6 FOR</u> <u>e-TENDERING</u>	
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1. Percentage Rate are invited on behalf of the Executive Director AIIMS Bilaspur (HP) from the approved and eligible CPWD registered contractors' in appropriate class or above in composite or Audio Video 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 Audio Video Works and who satisfies the criteria of execution of similar work for the following work of " Providing and upgrading existing audio-visual equipment, including audio calibration and adjustment, in the Auditorium at AIIMS Bilaspur, H.P."

The enlistment of the contractors should be valid on the last date of 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 **₹ 15,66,115/-**. This estimate, however, is given merely as a rough guide.
 - 1.2 Online bid documents submitted by intending bidders shall be opened only of those bidders, whose EMD is received physically As per CPPP in the office of Executive Engineer(C), AIIMS Bilaspur, HP and other documents scanned and uploaded are found in order
 - 1.2 Contractors who fulfill the following requirements shall be eligible to apply.
 - 1.2.1 Intending bidder is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below in last 7 years ending last day of month to one in which tenders are invited: -

One similar work each costing not less than **₹ 1252892** /-OR two similar works each costing not less than **₹ 783057** /-OR three similar works costing not less than **₹ 626446** /- (**Similar work shall means "SITC of Audio-visual system"**)

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 last date of submission of bids.
 - 1.2.2 Should have Certificate of Registration for GSTIN.
 - 1.2.3 Should have valid PAN.
 - 1.2.4 Should have had Average Annual Financial Turnover of ₹ 469834/- during the last three years ending 31st March 2026 (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)
 - 1.2.5 **Should have Financial Soundness as per appendix "A' (in ₹)**
 - (a) Solvent upto **₹ 10.00 lakh**

Or
Financially sound for engagement upto ₹ 25.00 lakh
(b) Working capital **not less than ₹ 5.00 lakh**

1.2.6 Bid Capacity:

The bidder who comply with the above Minimum Eligibility Criteria will be eligible further for consideration of bid(s) only if their available bid capacity is more than the Estimated Cost Put To Tender for the work mentioned in this Notice Inviting Tender. The available bid capacity shall be calculated as under:

Assessed available Bid Capacity = $(A*N*1.5-B)$

Where

„N“ = Number of years prescribed for completion of work for which bid has been invited.

„A“ = Maximum turnover in construction 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

„B“ = Value of existing commitment and ongoing works to be completed

The values for

Similar work means work of :- “SITC of Audio-visual system”.

1.2.6 It is presumed that all the bidders who have submitted the bid have gone through the entire bid documents and that all the terms & conditions are acceptable to them.

2. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 7/8 (or other Standard Form as mentioned) which is available as a Govt. of India Publication and also available on website www.cpwd.gov.in and with the Executive Engineer. Bidders shall quote his rates as per various terms and conditions of the said form subject to the exclusions / modifications uploaded on the official website of the Institute which will form part of the agreement.
3. The time allowed for carrying out the work will be Three months 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. (i) The site for the work is available.
(ii) The architectural drawings, if required, shall be issued as per site requirement.
5. The bid document consisting of 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 except Standard General Conditions of Contract Form can be seen on website <https://eprocure.gov.in/eprocure/app> and official website of the AIIMS Bilaspur HP www.aiimsbilaspur.edu.in free of cost.
6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
7. While submitting the revised bid, contractor can revise the percentage of any number of times but before last time and date of submission of bid as notified.
8. When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.

9. Earnest Money in the form of Demand Draft or Pay order or Deposit at Call Receipt or Fixed Deposit Receipt (drawn in favour of **Miscellaneous Fund All India Institute of Medical Science Bilaspur Himachal Pradesh**) shall be scanned and uploaded to the e-Tendering website within the period of bid submission.

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 six months or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

The original EMD as scanned & uploaded shall be deposited physically by all the intending bidders in the EMD Drop box of office of Executive Engineer before closing of Bid closing date and time failing which the bid shall be treated as invalid.

Copy of 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 (L-1) bidder within a week physically in the office of tender opening authority.

Online bid documents submitted by intending bidders shall be opened only of those bidders, whose Earnest Money Deposit found in order.

10. The bid submitted shall become invalid and e-tender processing fee (if applicable) shall not be refunded if:

- (i) The bidder is found ineligible.
- (ii) The bidder does not upload all the documents including GST registration as stipulated in the bid document.
- (iii) 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 bid opening authority.
- (iv) The intending bidder does not deposit original EMD physically as scanned & uploaded up to..... on.....
- (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 rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
- (vi) If any condition is quoted in the tender (conditional tender) or any deviation is placed in the technical and commercial conditions.

11. The contractor whose bid is accepted, will be required to furnish performance guarantee of (a) **5% (Five Percent)** of the bid amount or Estimated cost put to tender (whichever is higher) (b) where the tendered amount is less than 80% of the estimated cost put to tender , the performance guarantee , in addition to the requirement under (a) above , shall be increased by an amount equal to the difference between eighty percent of the ECPT and the tendered amount 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 (in case guarantee amount is less than Rs. 1,00,000/-) or Government 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 earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee (PG). The PG shall be initially valid up to the stipulated period of completion plus sixty days beyond that. In case, the time for completion of work gets extended, the contractor shall get the validity of PG extended to cover such extended time for completion of work.

The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/ registrations or proof of applying for obtaining labour licenses, registrations with GST, EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. if applicable and also ensure the compliance of aforesaid provisions by the sub-contractor, if any engaged by the contractor for the said work and Programme Chart (Time and Progress) within the Period specified in Schedule F.

12. The description of the work is as follows:

Providing and upgrading existing audio-visual equipment, including audio calibration and adjustment, in the Auditorium at AIIMS Bilaspur, H.P.

Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (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 on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Institute (if provided) and local conditions and other factors having a bearing on the execution of the work.

13. The competent authority on behalf of 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.
14. 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.
15. The competent authority on behalf of 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 rate quoted.
16. The contractor shall not be permitted to bid for works in the Institute's Engineering Department (responsible for award and execution of contracts) in which his near relative is posted as 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 Institute's Engineering Department 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.
17. No Engineer or other officers employed in Engineering or Administrative duties in an Engineering Department of the Institute is allowed to work as a contractor for a period of one year after his retirement from Institute's service, without the prior permission of the competent authority in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission of the competent authority as aforesaid before submission of the bid or engagement in the contractor's service.

18. The bids for the work shall remain open for acceptance for a period of **75 (seventy-five) days** from the date of opening of technical bids. Further
- I. If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department within 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.
 - II. If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department after expiry of 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.
 - III. In case of forfeiture of earnest money as prescribed in para (i) and (ii) above, the bidders shall not be allowed to participate in the rebidding process of the same work.
19. 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 etc., if any, forming part of the tender as issued at the time of invitation of bid and the rates quoted on-line at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
 - b) Standard Form 7/8 or other Standard Form as applicable.
20. All the payments to the contractor shall be deposited in their bank account through RTGS and the contractor shall submit the detail of his bank account & IFSC code after award of work.
21. In case, date for opening of Eligibility /Technical/ Financial bid is declared/happens to be public holiday, the Eligibility / Technical/ Financial bid will be opened on the next working day.
22. The contractor shall comply to the "Solid Waste Management Byelaws 2018" & "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,
23. The scope of work taken in this contract can be Increased / Decreased as per requirement of the AIIMS Bilaspur (HP).
24. The contractor must follow the statutory requirements of prevalent environment norms and shall use the fly ash in the adequate proportion as per relevant environment norms.
25. 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 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.

Executive Engineer
AIIMS BILASPUR (HP).

SECTION-IV	INFORMATION AND INSTRUCTIONS FOR BIDDERS	
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**INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR E-TENDERING FORMING
PART OF BID DOCUMENT AND TO BE POSTED ON WEBSITE**

The Executive Engineer, AIIMS Bilaspur (HP) on behalf of the Executive Director AIIMS Bilaspur (HP) invites **online Percentage rate bids** from the approved and eligible CPWD registered contractors' in appropriate class or above in composite or Audio Video 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 Audio Video Works on two bid system for the following work:-

1.	NIT No.	EE-C/AIIMS/BLS/2025-26 /002
2.	Name of work & Location	Providing and upgrading existing audio-vi equipment, including audio calibration and adjustm in the Auditorium at AIIMS Bilaspur, H.P. section at AIIMS Bilaspur HP
3.	Estimated cost put to bid	₹ 15,66,115/-
4.	Earnest Money	₹ 31,322/-
5.	Period of Completion	Two months
6.	Last date & time of submission of bid and other documents as specified in the press notice	As per CPPP
7.	Last date & time for submission of Original EMD:	As per CPPP
8.	Date & Time of opening of Eligibility bid	As per CPPP

1. Contractors who fulfill the following requirements shall be eligible to apply. Joint ventures are not accepted.

- a) Should have satisfactorily completed the works as mentioned below during the last Seven years ending last day of month to one in which tenders are invited: -
One similar work each costing not less than ₹ 1252892 /-OR two similar works each costing not less than ₹ 783057 /-OR three similar works costing not less than ₹ 626446 /-.(**Similar work shall means "SITC of Audio-visual system"**)

The completion certificate should be certified by 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.

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 the last date of submission of bid.

- b) Should have Valid Certificate of Registration for GSTIN.
c) Should have valid PAN.

- d) Average Annual Financial Turnover certificate during the last three years ending 31st March 2025 from CA with Unique Document Identification Number (UDIN)
2. 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.
 3. Information and Instructions for bidders posted on website shall form of bid document.
 4. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from the website: <https://eprocure.gov.in/eprocure/app> and official website of the AIIMS BILASPUR (HP) www.aiimsbilaspur.edu.in free of cost.
 5. But the bid can only be submitted after uploading the mandatory scanned documents such as Demand Draft or Pay order or Deposit at call Receipt or Fixed Deposit Receipts and Bank Guarantee of any Scheduled Bank towards EMD in favor of **Miscellaneous Fund All India Institute of Medical Science Bilaspur Himachal Pradesh** and other documents as specified.
 6. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the website.
 7. The intending bidder must have valid class-III digital signature to submit the bid.
 8. On opening date, the contractor can login and see the bid opening process. After opening of bids, he will receive the competitor bid sheets.
 9. Contractor can upload documents in the form of **JPG** format and **PDF** format.
 10. Contractor must ensure to quote percentage in the schedule of Quantity. The column meant for quoting percentage in figures appears in pink colour and the moment percentage is entered; it turns sky blue. In addition to this for item rate tender, while selecting any of the cell 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'. However, 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 rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
 11. The Technical cum eligibility bids shall be opened first on date and time as mentioned above. The time and date of opening of financial bid of contractors qualifying the eligibility bid shall be communicated to them at a later date.

Executive Engineer
AIIMS BILAS

SECTION-V	TENDER AND CONTRACT	
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Percentage Tender & Contract for Works

Tender for the work of: Providing and upgrading existing audio-visual equipment, including audio calibration and adjustment, in the Auditorium at AIIMS Bilaspur, H.P.

- Date & time for submission of bid As per CPPP
- Date & time for submission of original EMD As per CPPP
- Eligibility Bid To be opened online on As per CPPP

TENDER

I/we have read and examined the notice inviting tender, schedule A, B, C, D, E & F specifications applicable, Drawings and Designs, General Rules and Directions, conditions of Contract, clauses of contract, special conditions, additional terms & conditions & specifications, schedule of rate and other documents and rules referred to in the conditions of contract and all other contents in the tender documents for the work.

I/we hereby tender for the execution of the work specified for the Institute within the time specified in schedule 'F' viz. 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.

I/we agree to keep the tender open for 75 days from the receipt of technical cum eligibility bids and not to make any modifications in its terms and conditions.

A sum of ₹ 31,322/- is hereby forwarded in the shape of deposit at call receipt of a scheduled bank/ demand draft of a scheduled bank/ Fixed deposit receipt of scheduled bank in favour of the **Miscellaneous Fund All-India Institute of Medical Science Bilaspur Himachal Pradesh** payable at 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 successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that Executive Director AIIMS BILASPUR (HP) or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely. The said performance guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviation as may be ordered upto 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 and 12.3 of the tender form.

Further, I/We agree that in case of forfeiture Earnest Money & Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back-to-back basis. Further that, if such a violation comes to the notice of 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 Earnest Money Deposit/Performance Guarantee.

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

Dated: -

Signature of Contractor

Postal Address:

Witness:

Address:

Telephone No.:

Fax No.:

Occupation:

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 Institute for a sum of Rs. _____

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

- i) _____
- ii) _____
- iii) _____

Signature:

Designation:

For & on behalf of the Executive
Director,
AIIMS BILASPUR (HP).

Dated _____

SECTION-VI	PROFORMA OF SCHEDULE A TO F	
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SCHEDULE 'A'

Schedule of quantities attached at Page No.34-35 (Electrical work) of DNIT

SCHEDULE 'D'

Extra schedule for specific requirements / documents for the work, if any:	<u>As mentioned in tender documents/NIT</u>
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SCHEDULE 'E'

Reference to General Conditions of contract.

CPWD General Condition of Contract 2023 for Maintenance Works as modified and corrected up to previous day of the last date of submission of tender uploaded on the website of the Institute.

Name of Work:

Providing and upgrading existing audio-visual equipment, including audio calibration and adjustment, in the Auditorium at AIIMS Bilaspur, H.P.

Estimated cost of work: ₹ 15,66,115/-

Earnest Money: ₹ 31,322/- (to be returned after receiving Performance guarantee)

Performance Guarantee: (a) **5% (Five Percent)** of the bid amount or Estimated cost put t (whichever is higher) (b) where the tendered amount is less than 80% of the estimated cost put to tender , the performance guarantee , in addition to the requirement under (a) above , shall be increased by an amount equal to the difference between eighty percent of the ECPT and the tendered amount

Security Deposit: 2.5% of the tendered value

SCHEDULE 'F'

GENERAL CONDITION OF CONTRACT

Officer inviting tender

Executive Engineer
AIIMS BILASPUR (HP).

GENERAL RULES & DIRECTIONS

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

Definitions:

2 (v)	Engineer- in- charge	Executive Engineer AIIMS BILASPUR (HP)
2 (viii)	Accepting Authority	Executive Engineer AIIMS Bilaspur (HP).
2 (x)	Percentage on cost of material and labour to cover all overheads and profits	15%
2 (xi)	Standard Schedule of Rates	E&M-DSR 2025 Civil- DSR2023 with upto date correction slips &MR for non-scheduled items
2 (xii)	Department	Engineering section of AIIMS BILASPUR (HP)
9 (ii)	Standard contract Form	Form-7/8 as modified and corrected up to, CPWD General Conditions of Contract amended up to last date of submission for original/Maintenance works uploaded on the website of the CPWD/Institute.

Clause 1

- (i) Time allowed for submission of Performance Guarantee, Programme 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 issue of letter of acceptance. **7 days**
- (ii) Maximum allowable extension **with late fee @ 0.1 % per day of performance guarantee amount** beyond the period provided in (i) above **3 days**

Clause 2 Authority for fixing compensation under clause-2 **Superintending Engineer, AIIMS BILASPUR (HP),**

Applicable Clause 2 **Yes**

Clause 5 Number of days from the date of issue of letter of acceptance for reckoning date of start = 10 days

Mile stones(s) as per table given below: -

S.No.	Description of Milestone (Physical/financial)	Time allowed in days (from date of start)	Amount to be withheld in case of non-achievement of milestone

a)	25% of tendered value	1/4 th of total time	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 Sl No a to d. Maximum amount to be withheld shall not exceed 5% of tendered value of work.
b)	50% of tendered value	1/2 of total time	
c)	75% of tendered value	3/4 th of total time	
d)	100% of tendered value	Full time	

Time allowed for execution of work

Two months

Authority to decide:

- | | | |
|-------|---|---|
| (i) | Extension of time: | Superintending Engineer |
| (ii) | Rescheduling of mile stones : | Superintending Engineer or his successor |
| (iii) | Shifting of date of start in case of delay in handing over of site: | Superintending Engineer |

PROFORMA OF SCHEDULES

Clause 5 Schedule of handing over of site:

Part	Part Portion of site	Description	Time Period for handing over reckoned from date of issue of letter of intent.
Part A	Portion without any hindrance	As the work is required to be carried out in running Ward, the work shall be carried out in coordination with the Engg deptt& user deptt representatives	10 days
Part B	Portions with encumbrances		
Part C	Portions dependent on work of other agencies		

Clause 5	Applicable clause 5 or 5A	Clause 5
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Clause 6	Computerized Measure Book (CMB) / Electronic Measurement Book (EMB)	Physical MB/CMB
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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	-----
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Clause 7A	Whether clause 7A shall be applicable	yes
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Clause 10A	List of equipment or testing equipment's to be provided by the contractor at site lab.	
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10B(ii)	Whether Clause 10 B (ii) shall be applicable	Not Applicable
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Clause 10C	Component of labour expressed as percent of value of work = 25%	
Clause 10CC	Applicable/ Not Applicable Schedule of component of other Materials, Labour etc. for price escalation. Component of Electrical /civil construction value of work. – Component of Labour - expressed as percent of total value of work.	Not Applicable Xm % Y %
Clause 11	Specifications be followed for execution of work.	i) NIT Specifications. ii) Latest CPWD Specifications with amendments for Electrical and civil works. iii) Bureau of Indian Standards wherever no such specifications exists in clause 11S.No. i) & ii) above. iv) As per directions of EIC in absence of above.
Clauses 12	Authority to decide deviation upto 1.5 times of tendered amount	Superintending Engineer AIIMS Bilaspur (HP)
	Type of work	Maintenance works
12.2 & 12.3	Deviation limit beyond which clause 12.2 & 12.3 shall apply for building work	All the deviated quantities shall be paid at agreement rates) vide OM No. (DG/CON/Maintenance 2023/03 dated 18/12/2023 and as per CPWD Works Manual – 2024 updated
Clause 16	Competent authority for deciding reduced rates	Superintending Engineer, AIIMS BILASPUR (HP), .
Clause 18	List of mandatory machinery, tools & plants to be deployed by the contractor at site/ manufacturing unit: -.	As per works requirement at site, NIT and as per the directions of Engg-In-charge.
Clause 19C	Authority to decide penalty for each default.	Executive Engineer, AIIMS Bilaspur (HP)
Clause 19D	Authority to decide penalty for each default.	Executive Engineer, AIIMS Bilaspur (HP)
Clause 19G	Authority to decide penalty for each default.	Executive Engineer, AIIMS Bilaspur (HP)
Clause 19K	Authority to decide penalty for each default.	Executive Engineer, AIIMS Bilaspur (HP)

Clause 25		
(i)	Conciliator	Executive Director AIIMS Bilaspur (HP)

(ii)	Arbitrator Appointing Authority	Executive Director AIIMS Bilaspur (HP)
(iii)	Place of Arbitration	Bilaspur (HP)

Clause 32 Requirement of Technical Representative(s) and recovery Rate.

S.No.	Qualification of Technical Staff	Discipline	Designation of Technical Staff	Minimum Experience (Years)	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling/non compliance
1.	Graduate Engineer OR Diploma Holder	Nit	Project manager cum Planning/ Quality /Site / Billing Engineer)	1	Nil	Rs. 15000/- Per Month per person
Assistant Engineers retired from Government services, holding Diploma will be treated at par with Graduate Engineers Diploma holder with minimum 10 years relevant experience with a reputed construction co. can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers.						

Executive Engineer
AIIMS BILASPUR (HP),

SECTION-VII	EXCLUSIONS / MODIFICATIONS IN CPWD GENERAL CONDITIONS OF CONTRACT20__ (ORIGINAL/MAINTENANCE WORKS)	
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	Exclusions / Modifications
	<u>CONDITIONS OF CONTRACT</u> 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 who shall supervise and be Incharge 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'.

On non-judicial stamp paper of minimum Rs. 100

Guarantee offered by Bank to AIIMS BILASPUR (HP) in connection with the execution of contracts)

**Form of Bank Guarantee for Earnest Money Deposit/Performance Guarantee/Security
Deposit/Mobilization Advance**

1. Whereas as the Executive Engineer, AIIMS BILASPUR (HP) on behalf of the Executive Director AIIMS BILASPUR (HP) (hereinafter called "AIIMS BILASPUR (HP)") has invited bids under (NIT number) dated for..... (name of work) The AIIMS BILASPUR (HP) has further agreed to accept irrevocable Bank Guarantee for Rs. (Rupees only) valid upto dated * 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 Executive Engineer, AIIMS BILASPUR (HP) on behalf of the Executive Director AIIMS BILASPUR (HP) (hereinafter called "AIIMS BILASPUR (HP)") has entered into an agreement bearing number..... with (name and address of the contractor) (hereinafter called "the contractor") for execution of work..... (name of work) The AIIMS BILASPUR (HP) has further agreed to accept an irrevocable Bank Guarantee for Rs. (Rupees..... only) valid upto (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 AIIMS BILASPUR (HP) an amount not exceeding Rs. (Rupees only) on demand by the AIIMS BILASPUR (HP) 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 demure, merely on a demand from the AIIMS BILASPUR (HP) stating that the amount claimed is required to meet the recoveries due or likely to be due from the said Contractor(s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. (Rupees Only).
4. We, (indicate the name of the Bank), further undertake to pay the AIIMS BILASPUR (HP) any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before and Court or Tribunal relating thereto, 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(s) shall have no claim against us for making such payment.
5. We, (indicate the name of Bank), further agree that the AIIMS BILASPUR (HP) 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 extend time of performance by the said Contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the AIIMS BILASPUR (HP) against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such

variation, or extension being granted to said Contractor(s) or for any forbearance, act of omission on the part of the AIIMS BILASPUR (HP) or any indulgence by the AIIMS BILASPUR (HP) to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for the provision, have effect of so relieving us.

6. We, (indicate the name of the Bank), further agree that the AIIMS BILASPUR (HP) at 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 AIIMS BILASPUR (HP) may have in relation to the Contractor's liabilities.
7. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).
8. We, (indicate the name of Bank), undertake not to revoke this guarantee except with the consent of the AIIMS BILASPUR (HP) in writing.
9. This Bank Guarantee shall be valid up to unless extended on demand by the AIIMS BILASPUR (HP), Notwithstanding anything mentioned above, out liability against this guarantee is restricted to Rs. (Rupees Only) and unless a claim in writing is lodged with us within the date of expiry or extended date of expiry of this guarantee, all out liabilities under this guarantee shall stand discharged.

Dated

1. Signature
Name and address

Authorized signatory

Name
Designation
Staff code no.
Bank Seal

2. Signature.....
Name and address

*Date to be worked out on the basis of validity period of 75 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.

APPENDIX –XVII

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, AIIMS BILASPUR (HP).
2. The Executive Engineer, AIIMS BILASPUR (HP).

APPENDIX –XVIII
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, AIIMS BILASPUR (HP).
2. The Executive Engineer(C), AIIMS BILASPUR (HP).

APPENDIX –XIX

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/ Ministry of Housing and Urban Affairs, Government of India may be enquired from the Engineer-in-Charge, if required.)

SECTION-VIII	ADDITIONAL TERMS AND CONDITIONS OF CONTRACT	
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1. AIIMS BILASPUR (HP) reserves the right to accept/reject any or all tenders without assigning any reason thereof.
2. All the disputes concerning this tender in any way are subject to Bilaspur (HP) Jurisdiction only.
3. **Tenderers 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 may be.

4. **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.

5. **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.

6. **WORK IN TWO SHIFT:**

To speed-up the work, the institute may direct the agency to work in **Two shifts** and the tenderer will have to make adequate arrangements for carrying out work in Two shifts for which nothing extra shall be payable

7. **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 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.

8. All other information such as documents and drawing supplied by the tenderer will also be in the English language only. Drawing and designs shall be dimensioned according to the metric system of measurements.
9. 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.
10. 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.
11. 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.
12. 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.
13. Interpretations, corrections and changes to the Tenders Documents shall be made by Addendum, if required.
14. The quantities taken in the tender can be executed at anywhere in the Institute as per requirements and directions of Engineer Incharge and Contractors shall be bound to execute the same without claiming anything extra.
15. 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.
16. 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.

Executive Engineer
AIIMS BILASPUR (HP),

SECTION-IX	SPECIAL CONDITIONS FOR INTERNAL ELECTRICAL INSTALLATION WORKS	
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1. All hardware items such as screws, thimbles, G.I. Wires, etc. which are essentially required for completing an item as per specifications will be deemed to be included in the item even when the same have not been specifically mentioned.
2. The main agency shall associate with a licensed Electrical Contractor for execution of the electrical work component involved in the SITC of Audio-visual system. The associated Electrical Contractor must possess a valid Electrical License issued by U.T. Electricity Department / any State Electricity Board. A valid Electrical License along with a proof of association (such as MoU / Agreement / Undertaking) between the main agency and the Electrical Contractor shall be submitted at the time of bidding. The electrical works shall be carried out under the supervision of the licensed Electrical Contractor in accordance with the applicable rules and regulations.
3. All hardware materials such as nuts/bolts/screws/washers etc. to be used in the work shall be zinc/cadmium plated iron.
4. Any conduit which is not be wired by the contractor shall be provided with GI fish wire for wiring by some other agency subsequently. Nothing extra shall be paid for the same. Color coding shall be done for conduits laid for different services as per direction of Engineer-in-charge.
5. While laying conduit, suitable junction boxes shall be left for pulling the wires.
6. PVC insulated copper conductor wire on the work shall be F.R.L.S grade.
7. Copper wire shall be multi-stranded conductor. Termination of multi-stranded conductors shall be done using crimping type thimbles at both the ends. Nothing extra shall be paid for the same.
8. While deciding the size of switch boxes for light point/fan points/exhaust fan point items, wherever fan regulators are to be provided, extra two modules will be provided for fan regulators (fan regulator is to be provided in separate item).
9. The earthing shall be carried out in the presence of the Engineer-in-charge or his authorized representative.
10. After completion of the installation, testing shall be carried out as provided in CPWD specifications. The contractor will have to furnish completion plans and completion certificate as per specifications.
11. The work shall be carried out strictly in accordance with CPWD latest Specifications for Internal and External
12. Works as amended up to date and in accordance with latest Indian Electricity Rules 2005, Indian Electricity Act 2003 as amended up to date as per instructions of the Engineer-in-Charge including as below and nothing will be paid extra.

13. All material to be used on this work by the contractor shall be got approved from the Engineer-in-Charge before installation at site.
14. The contractor has to get the conduit layout approved from the Engineer-in-Charge prior to execution of the work. However, the Engineer-in-Charge has the right to change the layout as per the site requirements and the contractor shall not have any claim due to change in layout.
15. All repairs & patch work shall be neatly carried out to match with the original finish & all damages caused to the building installation during the execution of work shall have to be made good by the contractor immediately at his own cost to the entire satisfaction of Engineer-in-charge. In case contractor fails to comply with the instructions of the Engineer-in-charge, Engineer-in-charge shall be at liberty to get the work done by any other agency and recover such amount as paid to the other agency from the bill(s) of the contractor. Contractor shall have no claim, whatsoever, on the extent of such amount.
16. The bad workmanship will not be accepted and defects shall be rectified at contractor's cost to the satisfaction of the Engineer-in-Charge. The programme of electrical works is to be coordinated in accordance with the building work.
17. All debris/malba resulting due to electrical work shall be removed on daily basis and completion of the work shall only be accepted after the site has been cleaned of all malba/debris. In case, contractor fails to comply, the same shall be got removed by the other agency and the payment so made shall be recovered from the bill(s) of the contractor.
18. Cement for this Bonafide work is to be arranged and used by the contractor himself and nothing extra will be paid on this account.
19. The contractor or his representative is bound to sign the site order book as and when required by the Engineer-in-Charge and to comply with the remarks therein.
20. The contractor shall make his own arrangement at his own cost for electrical/general tools and plants required for the work.
21. Main Board and Main Distribution board: The work shall be carried out according to the drawings / details as approved by the Engineer-in-Charge. The contractor shall have to get the samples approved before the whole lot is brought to site and it shall include all inter connections etc.
22. The entire installation shall be at the risk and responsibility of the contractor until these are tested and handed over to the department. However, if there is any delay in construction from the department side, the installation may be taken over in parts, but the decision on the same shall rest with Engineer-in-charge which shall be binding on the contractor.
23. The connection & inter-connection shall be done by the contractor wherever required and nothing extra shall be paid on this account.
24. The position of points (light, fan, Exhaust fan), light plugs, power plugs etc., can be changed by the Engineer -in-charge according to the requirement at site. The contractor has to accept and execute the work accordingly without any extra cost; however, the payment would be made based on actual executed quantities of relevant items.

25. The contractor shall provide junction boxes/ looping boxes of required sizes and such boxes shall be measured as part of conduit / batten wiring without any extra payment except M.S. adopter boxes.
26. For items of power plugs, 15 Amp socket shall be of universal 6 pin type.
27. All the hidden work shall be carried out in the presence of Engineer-in-charge or his representatives.
26. Adapter boxes wherever used shall be of not less than 16 SWG MS Sheet.
27. The contractor shall ensure that all the persons executing the electrical work have the valid electrical license, consequences arising due to the fault of contractor to comply with the above conditions shall be solely attributable to the contractor.
28. The telephone conduits shall be laid with GI fish wires kept, pulled in for pulling of wires, at least 1000mm extra at outlets.
29. Wherever ceiling roses are not required to be provided in the light/fan/exhaust fan points, due to site conditions, the contractor shall use suitable three pin connectors for which nothing extra shall be paid. Wiring shall be carried out with F.R.L.S wires.
30. Contractor shall provide polythene/PVC plastic cover for all MDB's/SDB's/DB's to protect them from rust/damages, during execution of work till the work is actually completed and handed over to the department.
31. The loose wire boxes/cable end boxes (adaptor boxes) shall be provided on the various electrical boards to facilitate the termination of the wiring in the various mountings. The boxes shall be of the same make as the DB's as far as possible. Wherever the company made cable end boxes are not available they shall be neatly fabricated with 16 SWG CRCA sheet steel, duly powder coated, dust & vermin proof and the front cover of MS sheet shall be with rubber gasket suitably screwed or with 3mm thick phenolic laminated sheet of Hylam/Formica instead of MS sheet, as desired by the Engineer-in-charge. The length of such boxes shall be same/or more as the width of the electrical switchboard. Such loose wire boxes are deemed included in the scope of the work and no extra payment shall be made for them.
32. The contractor shall have to make arrangements, at his own risk and cost, for transportation of materials from the point of issue of stores to site of work, if any.
33. Makes of all items that are not covered in the schedule of work/additional specifications shall be got approved from the Engineer-in-charge and shall conform to relevant Indian Standard as applicable.
34. The schematic diagram/dimensional drawings of the various electrical cubical panels shall be got approved from the Engineer-in-charge before fabrication and shall comply with latest CPWD specifications and Indian Electricity Rules. The panels shall conform to IS: 8623/1993. All panels shall be powder coated; the shade shall be got approved by the Engineer-in-charge.
35. All floor-mounted panels shall be mounted on 100mm X 50mm X 5mm thick M.S. channel on all the sides. It shall have a continuous earth bus of the same size and material as the main phase running continuously along the length of the panel extending on either side for earth connection.

36. The doors of all cubicle panels shall be hinged type including those of bus bar chambers and cable alleys. The locking shall be with chrome plated metal key locks. All doors shall be earthed with copper conductor wire as approved by the Engineer-in-charge.
37. All model of modular accessories required for the work shall be got approved from the Engineer-in-charge from among the approved makes. The base plate shall be preferably in sheet steel or otherwise in unbreakable polycarbonate. The shades of the cover plates shall be approved by the Engineer-in-charge.
38. Contractor shall have to check the Site Order Book for any instructions of the Engineer-in-charge or his authorized representative and sign the site order book. He shall be bound to ensure compliance with the instructions recorded therein.
39. The MCCB's shall be compatible for reliable protection and accurate measurement. The rated Service breaking capacity (KA rms) shall be 100% of Ultimate breaking capacity (KA rms). All the MCCB's shall be current limiting type with features as per relevant IS codes and CPWD specification.
40. MCCB's shall be used with terminal spreaders and all terminals shall be shrouded to avoid direct contact.
41. Mechanical Castle key interlock shall be provided among the incomer MCCB's, wherever, as applicable, two different incomer sources are provided in the panel as per the directions of the Engineer in charge. The same is deemed included in the scope of work.
42. All measuring and indicating instruments shall be protected through fuses/ MCB's and isolating switches.
43. General arrangement drawing of the switchboard shall be got approved from the Engineer-in-Charge before commencement of manufacturing.
44. For the items like LT panels, feeder pillars and accessories, etc., the firm shall arrange for inspection in the factory and provide for all facilities for testing. The cost of the visit of Engineer-in-Charge or his representative shall be borne by department. However, firm will be responsible for arranging the inspections as required.
45. Conduit layout as per switching arrangement shall be prepared by contractor and got approved from the Engineer-in-Charge before slab casting.
46. All CI/metal boxes & junction boxes should be cleaned properly and painted from inside before wiring & fixing the accessories.
47. In wiring items like point wiring / wiring for light/fan/call bell, the item includes the cost of conduit also.

Scope of Work

The scope of work shall include **Supply, Installation, Testing and Commissioning (SITC)** of professional audio equipment and accessories for the existing auditorium, complete in all respects, including dismantling of existing accessories wherever required, interconnection, programming, calibration, testing and commissioning for satisfactory performance.

The contractor shall carry out the following works:

1. Loudspeaker System

Supply, installation, testing and commissioning of **12-inch full-range indoor loudspeakers** suitable for KTV (karaoke) and professional auditorium applications, having frequency response of **45 Hz–20 kHz**, maximum SPL of **132 dB**, fitted with **12-inch low frequency driver and compression high frequency driver**, complete with mounting accessories, brackets, hardware, interconnecting cables and connectors. The loudspeakers shall be installed at designated locations to achieve uniform sound coverage throughout the auditorium.

2. Professional Power Amplifiers

Supply, installation, testing and commissioning of **Professional Power Amplifiers** rated **600 W per channel**, having digital audio connectivity, Cat-5 digital audio input compatibility, low- and high-impedance outputs, suitable for driving the proposed loudspeaker system, complete with rack mounting accessories, power supply connections, signal wiring, programming and configuration for optimum system performance.

3. Digital Zone Controller

Supply, installation, testing and commissioning of **Digital Zone Controller** for independent volume control of **minimum two (2) audio zones**, complete with programming, wall mounting accessories, communication cables and integration with the existing audio DSP/amplifier system.

4. Equipment Rack Cable Management

Providing, replacing and terminating all necessary signal, speaker, network and power cables inside the equipment rack, including connectors, cable dressing, ferruling, numbering, cable management accessories, testing and commissioning. All wiring shall be neatly routed, properly labelled and terminated using approved connectors.

5. Audio System Tuning

Comprehensive testing, calibration and tuning of the complete auditorium audio system using professional measurement equipment to achieve:

- Uniform sound pressure level throughout the seating area.
- Optimum speech intelligibility.
- Balanced frequency response.
- Elimination of feedback and acoustic anomalies.
- Equalization, delay alignment and level balancing of all loudspeakers.

6. Charging System

Supply, installation, testing and commissioning of **charging station** complete with **USB charger and rechargeable battery packs** suitable for handheld and bodypack wireless transmitters, capable of full charging within approximately **3 hours**, providing **minimum 12 hours operating time**, complete with USB-C charging interface and all accessories.

7. Active Antenna Splitter

Supply, installation, testing and commissioning of **Active Antenna Splitter** with **2 × 1:4 or 1 × 1:8 active outputs**, operating over **470–694 MHz**, supporting **56 MHz bandwidth** and up to **90 wireless channels**, complete with power supply, RF cables, connectors, mounting hardware, configuration and testing.

8. Antenna Booster

Supply, installation, testing and commissioning of **RF Antenna Booster** suitable for wireless microphone systems, operating over **470–694 MHz** with **56 MHz bandwidth**, compatible with up to **90 wireless channels**, complete with power supply, RF interconnections, configuration and testing.

9. Passive Directional Antenna

Supply, installation, testing and commissioning of **Passive Directional Antenna** suitable for wireless microphone systems, operating over **470–1075 MHz**, having:

- Typical Gain: **5 dBi**
- Impedance: **50 Ω**
- Front-to-Back Ratio: **>14 dB**
- Approximate Beam Angle: **100° (-3 dB)**

The antenna shall be supplied complete with mounting hardware, RF cables, connectors, stand mounting accessories and all items necessary for satisfactory installation.

General Scope

The work shall include, but not be limited to:

1. Supply of all equipment, accessories, mounting hardware, cables, connectors and consumables required for complete installation.
2. Installation as per manufacturer's recommendations and approved drawings.
3. Integration with the existing auditorium audio system.
4. Programming, configuration and commissioning of all equipment.
5. Testing of individual components and integrated system.
6. Calibration and optimization of complete audio performance.
7. Preparation of cable schedules, equipment labelling and as-built documentation.
8. Submission of manufacturer's test certificates, catalogues, warranty certificates and operation manuals.
9. Training of department personnel for operation of the complete system.
10. One-year comprehensive onsite warranty from the date of successful commissioning.
11. The complete installation shall be handed over only after successful testing and acceptance by the Engineer-in-Charge.

All equipment shall be of approved make and shall conform to the relevant IEC/BIS standards applicable to professional audio systems. The installation shall comply with the latest CPWD General Specifications for Electrical Works, National Building Code (NBC) and applicable electrical safety regulations.

SECTION-X	LIST OF PREFERRED MAKES AND SCHEDULE OF QUANTITIES	
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S.no.	Details of equipment/ material	Make/Manufacturer
1	Power Amplifier	Bose
2	Charging Set	Sennhesier / Earthworks/ Revolabs
3	Active Antenna Splitter	Sennhesier / Earthworks/ Revolabs
4	Antenna booster	Sennhesier /Earthworks/ Revolabs
5	Passive directional antenna	Sennhesier / Earthworks/ Revolabs
6	Loud speaker	Bose
7	Any other spares	As specified by Engineer-in-Charge
Note:		
1.	The contractor will use one of the approved makes as mentioned above with prior approval in writing from Engineer-in-charge. The technical submittal for the same shall be submitted for approval.	
2.	In case of different quality / pattern of same make, the pattern/ quality shall be approved by Engineer – in – charge.	
3.	For materials/equipment/ to be used in items of work for which approved makes are not given herein above, the makes & models of such materials /equipment shall be as approved by Engineer –in-charge.	

Executive Engineer
AIIMS Bilaspur HP

SCHEDULE OF QUANTITY

Name of work: Providing and upgrading existing audio-visual equipment, including audio calibration and adjustment, in the Auditorium at AIIMS Bilaspur, H.P.					
Sr. No.	Description	Qty.	Unit	Rate	Amount
1	SITC of 12-inch full-range indoor loudspeaker specially tuned for KTV (karaoke) applications. Combining exceptional performance with everyday reliability, ShowTime delivers rich, room-filling sound, with a frequency range of 45 Hz–20 kHz and 132 dB max SPL. A powerful 12-inch woofer and Professional EMB2S compression driver etc. with integration with the existing system, complete in all respect at directed by Engineer Incharge.	4	Nos.	172098	688392
2	SITC of Professional PowerSpace amplifiers enhance any premium commercial sound installation with clean, reliable power — and digital connectivity. Professional AmpLink input allows for multiple channels of uncompressed, low-latency digital audio. The PowerSpace P2600A provides 600 watts per channel and features versatile outputs that give you the flexibility to deliver full channel power to either low- or high-impedance loads — without bridging — and even send double power to a single zone. For premium commercial applications, PowerSpace amplifiers etc. with integration with the existing system, complete in all respect at directed by Engineer Incharge.	2	Nos.	195950	391900
3	SITC of digital zone controllers control center for controlling audio volume of 2 zone etc. with integration with the existing system, complete in all respect at directed by Engineer Incharge.	2	Nos.	50456	100912
4	Finishing of cables in the equipment rack by replacing required cables and connectors, Sound tuning of audio system in the complete auditorium for uniformity of sound distribution. etc. with integration with the existing system, complete in all respect at directed by Engineer Incharge.	1	Nos.	58189	58189
5	SITC of Charging set with USB charger and 2 rechargeable battery packs for handheld and bodypack transmitter. It should charge 100% battery power in max. 3 hours charging time. Maximum operating time of 12 hours. Stackable and charging is through USB-C. etc. with integration with the existing system, complete in all respect at directed by Engineer Incharge.	2	Nos.	20500	41000
6	SITC of Active Antenna Splitter with 2 x 1:4 or 1 x 1:8 active connections, which work on 56 MHz Bandwidth and allow for up to 90 channels, Supports Mobile App streamlines setup and operation and eliminates complicated menus, Frequency range: 470 – 694 MHz, along with Automated setup creates	2	Nos.	72500	145000

	reliable connections with minimal time and effort. etc. with integration with the existing system, complete in all respect at directed by Engineer Incharge.				
7	SITC of Antenna booster which work on 56 MHz Bandwidth and allow for up to 90 channels, Supports Mobile App streamlines setup and operation and eliminates complicated menus, Frequency range: 470 – 694 MHz, along with Automated setup creates reliable connections with minimal time and effort. etc. with integration with the existing system, complete in all respect at directed by Engineer Incharge.	2	Nos.	29161	58322
8	SITC of Passive directional antenna, Built-in 5/8" and 3/8" threads allow for easy mic stand mounting, Frequency range 470 – 1075 MHz, Apex angle (-3 dB) approx. 100°, Front-to-back ratio > 14 dB, Gain typ. 5 dBi and Impedance 50 Ω . etc. with integration with the existing system, complete in all respect at directed by Engineer Incharge.	2	Nos.	41200	82400
Total in Rs.					1566115

Executive Engineer
AIIMS Bilaspur HP

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.

Appendix “B”

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 in crores of rupees	Date of commencement as per contract	Stipulated date of completion	Upto date percentage 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.

Duly Certified by Bidder

Appendix "C"

Date: _____

ANNUAL TURN OVER FOR THE LAST THREE YEARS

S.No.	FINANCIAL YEAR	Annual Turnover (Rs.in Lacs)	Remarks
1	2023-24		
2	2024-25		
3	2025-26		

Note:

1. The bidder shall submit the Certificate from the Chartered Accountant, wherever the Annual Turnover is certified for the relevant financial year in which the minimum criteria of Annual Turnover is satisfied should also be submitted.