

The Superintending Engineer-Civil, AIIMS Bilaspur H.P. on behalf of the Executive Director, AIIMS Bilaspur, HP invites online percentage rate bids from the OEM "DAIKIN" make or its Authorized Dealer/Service agent for the work of **Annual Maintenance of VRV Air Conditioners Installed in Various Buildings 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 **₹ 30,13,248/-**. 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 building 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-**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 **₹ 60,265/-** in the form of Treasury Challan or 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 Civil AIIMS Bilaspur H.P. inviting bids 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 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.

Online bid documents submitted by intending bidders shall be opened only of those bidders, **whose EMD is received physically before Tender Opening date & Time in the office of Executive Engineer(C), AIIMS Bilaspur, HP and other documents scanned and uploaded are found in order.**

The bid shall be submitted up to time indicated in CPPP.

- 10.** The bid submitted shall become invalid if,
- i) The bidder is found ineligible.
 - ii) The bidder does not upload Treasury Challan/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. OEM authorization)
 - 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. The contractor whose Bid is accepted, will be required to furnish performance guarantee of **5% (Five Percent)** of the bid 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 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.
12. 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 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 and local conditions and other factors having a bearing on the execution of the work. In addition to the above, bidders are advised to see for themselves the bridges existing on the approach passage to the site for assessing the position with regard

to carriage of building materials and T&P. Nothing extra shall be payable to the successful bidder for any type of existing restricted conditions with regard to the above.

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 quoted rates.
16. 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.
17. 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.
18. 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.

19. 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.

20. 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

Executive Engineer, Civil,
Civil Division,
AIIMS Bilaspur, HP.

INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING

AIIMS Bilaspur, HP

1. The Superintending Engineer-Civil, AIIMS Bilaspur H.P. on behalf of the Executive Director, AIIMS Bilaspur, HP invites online percentage rate bids from the OEM "DAIKIN" make or its Authorized Dealer/Service agent for the work:

1	2	3	4	5	6	7	8	9
S.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	SE-C/AIIMS/BLS/2025-26/ MEP/06	Annual Maintenance of VRV Air Conditioners Installed In Various Buildings At AIIMS Bilaspur H.P.	₹ 30,13,248/-	₹ 60,265/-	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 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 Treasury Challan 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 EE, 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 contractor who wish to participate in the bid has also to make following payments in the form of Demand Draft/Pay order or Banker's Cheque of any Scheduled Bank within the period of tender submission:
 - a) The online bid shall be submitted up to as per date and time on CPPP
 - b) The submitted bid shall be opened as per date and time 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 Treasury Challan/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. OEM authorization 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. But the bid can only be submitted after deposition of original EMD in the office of Executive Engineer-Civil AIIMS Bilaspur H.P, inviting bids within the period of bid submission. The EMD document shall only be issued from the place in which the office of Executive Engineer-Civil AIIMS Bilaspur H.P is situated.
12. List of Documents to be scanned and uploaded within the period of tender submission:
- (i) Treasury Challan/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 OEM authorization or OEM itself .
 - (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"
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 "OEM Authorized approved and eligible contractors" 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.
 - (iii) The contractor shall obtain the receipt of EMD from the Executive Engineer-Civil AIIMS Bilaspur H.P in the prescribed format uploaded by NIT issuing **authority**. The bid document as uploaded can be viewed and downloaded free of cost by anyone including intending bidder.
19. The online **item**/percentage rate(s) (**as applicable**) must be quoted in decimal coinage. Amount shall be calculated and rounded in full rupees by ignoring fifty paise and considering more than fifty paise as rupee one.
20. The successful bidder shall be required to submit a **Performance Guarantee of 5% (Five percent)** of the contract amount within a period of issue of letter of acceptance as specified in schedule 'F'.
27. The contractor shall have to execute guarantee bonds in respect of Stone work, water supply, sanitary installation & drainage works, water proofing works and Aluminium Works (**As applicable**) as per Performa indicated in NIT.
28. GST on materials as applicable shall be paid by the contractor himself. The contractor shall quote his rates considering all such taxes.

- 29 Structural Designs and drawings, as well as services Designs and drawings shall be submitted by bidder to Engineer in Charge for issuance.
- 30 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.
31. Intending bidder may give detailed activities/programme for each mile stone fixed in the tender document while submitting the tender.
32. 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.
33. Information and instruction for e-tendering:
- (i) The Executive Engineer-Civil AIIMS Bilaspur H.P should receive the original EMD.
- 34.. 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 **₹ 12.05 lakhs, or**
- b. Two similar works each costing not less than **₹ 15.06 or**
- c. One similar work costing not less than **₹ 24.10 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.
- d. Should have had Average Annual Financial Turnover of **₹ 9.04 lakhs** on construction 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).

- e. 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:

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

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

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

(a) Solvent upto **₹ 20.00 lakh**

Or

Financially sound for engagement **upto ₹ 50.00 lakh**

(b) Working capital **not less than ₹ 7.5 lakh**

35. Similar work means work of: - "Operation & Maintenance of VRV/VRF System".

Executive Engineer,
Civil Division
AIIMS Bilaspur, HP

FORM NO.-7 FOR E-TENDERING

AIIMS Bilaspur, HP

Central Autonomous Institute under MoHFW
AIIMS Bilaspur , HP

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

ONLINE PERCENTAGE RATE TENDER & CONTRACT FOR WORKS

(A) Tender for the work of: -

Name of Work : Annual Maintenance of VRV Air Conditioners Installed
in Various Buildings At AIIMS Bilaspur H.P.

- (i) To be submitted online as per date and time on CPPP through website **<https://eprocure.gov.in>** to Executive Engineer-Civil, AIIMS Bilaspur, HP

- (ii) To be opened through online in presence of tenderers who may be present as per date and time on CPPP in the office of Executive Engineer-*Civil*, AIIMS Bilaspur, HP.

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 Executive Director, AIIMS Bilaspur, HP 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.

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 **₹ 60,265/-** is hereby forwarded in Cash / Receipt Treasury Challan / 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 therefrom 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)

Dated: -

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

Signature

SCHEDULE 'A' TO 'F'

SCHEDULE 'A'

Schedule of quantities: Enclosed

As per schedule of work attached

SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

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

SCHEDULE 'C'

Tools and plants to be hired to the contractor

S. NO.	DESCRIPTION	HIRE CHARGES per day	PLACE OF ISSUE
(1)	(2)	(3)	(4)
----Nil----			

SCHEDULE 'D'

Extra schedule for specific requirements/ documents for the work, if any. – **As per GCC Maintenance works 2023 & specification attached.**

SCHEDULE 'E'

Reference to General Conditions of Contract. (GCC EPC Projects 2022/GCC Maintenance work 2023/GCC Construction Works 2023.	Applicable GCC is GCC Maintenance works 2023 as amended up to date and 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:- **Annual Maintenance of VRV Air Conditioners Installed In Various Buildings At AIIMS Bilaspur H.P.**

1.2 Estimated Cost of work : **₹ 30,13,248/-**

1.3 Earnest Money : **₹ 60,265/-**

1.4 Performance Guarantee : **5.00% of the tendered value**

1.5 Security Deposit **2.5% of the tendered value**
 Or
~~**2.5% of tendered value plus 2.5% PG for contract involving maintenance of the building and services / any other work also.**~~

SCHEDULE 'F':-

General Rules & Directions:-

	Officer Inviting Tender	:	Executive Engineer, Civil AIIMS Bilaspur, HP.
	Definitions:-		

2 (i)	Engineer-In-Charge	:	Executive Engineer, Civil AIIMS Bilaspur, HP.
2 (ii)	Accepting Authority	:	Executive Engineer, Civil 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 (E&M) and Market Rates with up-to-date correction slips & Market Rate
2 (v)	Department	:	AIIMS Bilaspur, HP
2 (vi)	Standard CPWD Contract	:	Form GCC 2023 , Maintenance work, CPWD Form 7/8 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 (8th day to 11th day)
Clause-2:-	Authority for fixing compensation under clause-2.		Superintending Engineer-Civil, AIIMS Bilaspur, HP or his successor.
Clause-2 A	Whether clause-2A shall be		Not Applicable

	applicable. Not Applicable		
Clause-5:-			
(i)	Number of days from the date of issue of letter of acceptance for reckoning date of start	:	11 th 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.	:	Executive Engineer, Civil AIIMS Bilaspur ,HP.
(ii)	Re-scheduling of Mile stone	:	Executive Engineer, Civil AIIMS Bilaspur ,HP.
(iii)	Shifting of date of start in case of delay in handing over of site.	:	Executive Engineer, Civil AIIMS Bilaspur ,HP.
Clause-6:-	Computerized Measurement Book/ Electronic Measurement Book (CMB/EMB)		Physical Measurement Book shall be applicable
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.		₹ 7.5 lakh/- or mutually agreed by both parties
Clause-7A:-	No Running Account Bill shall be paid for the work till the applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable, are submitted by the contractor to the Engineer-in-charge. Whether Clause 7A shall be applicable. (Whether clause 7A shall be applicable).		Yes
Clause-10A:-	List of testing equipment to be provided by the contractor at		As per OEM & engineer in Charge

	site lab.		recommendation.
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.		As per nature and requirement of work.
Clause-10CA:-	Whether clause 10CA shall be applicable		Not Applicable
Clause 10CC:-	Clause 10CC to be applicable in contracts with stipulated period of completion exceeding 12 months		Not Applicable
Clause-11:-	(i) Specifications to be followed for Execution of work		C.P.W.D. Specifications 2024 with up-to-date correction slips (Here in after called CPWD specification) and as per HVAC manufacturer specification i/c special conditions & particular specifications attached in NIT.

Schedule of component of other materials, Labour POL etc. for price escalation:-	}	
Component of civil (Except materials covered under clause 10CA construction materials expressed as percent of total value of work.)		Not Applicable
Component of labour expressed as percent of total value of work.		
Component of P.O.L expressed as percent of total value of civil work.		

Note: Xm... % should be equal to (100) - (materials covered under clause 10 CA i.e. Cement, Steel and other material specified in clause 10 CA + Component of Labour + Component of P.O.L.)

Clause-12:- Applicable as per 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

12.3 Deviation limit beyond which (All the deviated quantities shall be

clause 12.3 shall apply for building work:

paid at agreement rates) Applicable as per OM No. (DG/ CON/ Maintenance 2023/03 dated 18/12/2023)

Clause-16:- Competent Authority for Deciding reduced rates. Superintending Engineer, **Civil** AIIMS Bilaspur, HP **or Successor**

Clause-18:- List of mandatory machinery Tools & Plants to be deployed by the Contractor at site **AS PER LIST ATTACHED IN NIT**

Clause 19 C: Authority to decide penalty for each default: Executive Engineer-C AIIMS Bilaspur, HP

Clause 19 D: Authority to decide penalty for each default: Executive Engineer-C AIIMS Bilaspur, HP

Clause 19 G: Authority to decide penalty for each default: Executive Engineer-C AIIMS Bilaspur, HP

Clause 19 K: Authority to decide penalty for each default: Executive Engineer-C 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
.....N.A.....							

Clause-38:-

i) Schedule / Statement for determining theoretical quantity of cement & bitumen

As per Delhi Schedule of Rates 2025 with amendments/correction slips up to last of submission of bids.

ii) Variations permissible on theoretical Quantities.

a) All other materials

----- Nil.

TABLE OF MILE STONE (S)

Name of work: Annual Maintenance of VRV Air Conditioners Installed in Various Buildings at AIIMS Bilaspur H.P.

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 1/4 th of tendered amount	¼ th of the time period of completion	1.25 % of accepted tendered amount
2.	Work done of value 1/2 th of tendered amount	1/2th of the time period of completion	1.25 % of accepted tendered amount
3.	Work done of value 3/4 th of tendered amount	3/4 th of the time period of completion	1.25 % of accepted tendered amount
4.	Completion of work	Time Period of Completion	1.25 % of accepted tendered amount

Annexure-I

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 Executive Engineer.....(name of division)..... AIIMS Bilaspur ,HP on behalf of the the Executive Director , AIIMS Bilaspur , HP (hereinafter called "The Institute") has invited bids under.....(NIT number)..... dated For (name of work) The Institute has further agreed to accept **irrevocable Bank Guarantee for Rs(Rupeesonly) 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 Executive Engineer(name of division), AIIMS Bilaspur, HP on behalf of the the Executive Director , AIIMS Bilaspur , HP (hereinafter called "The Institute") 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 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** except 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

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 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

(Name of work)

Agreement No. _____ Dated _____ from _____

(Name of the Bank with full address) to the Executive Engineer _____ with a view (Name of the Division) 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.

SAFETY MEASURES AT SITE

- (A) In order to ensure safe work, following shall be adhered for strict compliance at site: -
- (i) The work site shall be properly barricaded.
 - (ii) All field officials and the workers must be provided with safety Helmets, safety shoes and safety belts.
 - (iii) Proper MS pipe scaffoldings with work-platforms and easy-access ladders shall be provided at site to avoid accidents for Working height greater than 3 metre.
 - (iv) Necessary First-Aid Kit shall be available at the site.
- (B) The contractor has to take care of all safety measures required during Execution of work for protection of his own labour. In case of any accident happens in the campus during execution, due to lack of safety measures or any other reason whatsoever, the agency is fully responsible and all the expenses on this account shall be paid by the contractor and AIIMS will not be responsible at all.

DRAWINGS & Inventory List

1. Inventory List

ADDITIONAL TERMS & CONDITIONS

1. The vendor has to carry out the maintenance of VRV Air Conditioning System 24*7*365 under Annual Maintenance Contract of VRV Air Conditioning System Installed In Various Buildings At AIIMS Bilaspur H.P of the attached inventory list alongwith all attached respective indoor units such as as AHUs, FCUs, ductable unit, Hi wall and any indoor unit connected/interlinked/assisting the outdoor units.
2. The total capacity of the outdoor units connected to the indoor units, along with all necessary essential accessories, subject to maintenance under this contract, is **560 HP**.
3. This contract will include maintenance of outdoor including indoor item such as AHUs dx coils , FCUs, ductable unit, Hi wall and any other intype of indoor unit connected but not included, all respective **electrical panels of VRV system, spares/parts of VRV outdoor & indoor unit power supply and any instrument connected/interlinked/assist the outdoor units**.
4. Payment will be made on per HP operational basis as applicable and certified by Engineer in Charge.
5. The work shall be executed as per CPWD General Specifications for HVAC Works – 2024 and CPWD General Specification for Electrical work Part-I and Electrical Works Part-II (External) amended up to date and as per the directions of Engineer-in-Charge and department reserves the rights to discontinue this agreement at any time without assigning any reason.
6. The contractor shall be fully responsibility to keep all equipments in perfect working conditions and call back service shall be attended with same day, failing which recovery shall be made **@ 200 Per Day per** equipment from the bill.
7. Supplying and replacement **of all the parts**, repair of gas leakage, charging of gas are included in the scope of work. Supplying & fixing of nuts and bolts, wires, copper piping, capillary and other material for maintenance of AC Units etc. are also covered within the tendered amount.
8. In case of any AC Unit /water cooler become out of order, due to unavoidable circumstances, contractor shall make alternative arrangements / repair the same within one week, after that recovery **@ Rs.100/-** per day shall be made from the bill.

9. The contractor's authorized AC mechanic shall be required to visit all the installation once **in a month** and submit corresponding VRV system inspection **report**
10. No cartage / transportation charges shall be paid on any account.
11. The contractor will make his own arrangement for T&P or any other equipment required for the work for which nothing extra will be paid.
12. Any damage done to any equipment due to wrong operation or mishandling the same shall be got repaired by the contractor free of cost.
13. The contractor shall make all safety arrangement at work site department shall not have any responsibility or liability of any kind in respect of accident with the staff employed by the contractor under this arrangement.
14. The department shall have liberty to discontinue the contract at any time of performance is found unsatisfactory in the opinion of Engineer-In-Charge and security deducted shall be forfeited.
15. The contractor at his own cost shall supply cleaning material such as soap, duster, cotton waste etc.
16. The quoted rates shall be inclusive of all Taxes, GST etc.
17. Payment shall be made after satisfactory checking of all equipment running conditions.
18. **Payment shall be made on quarterly basis.**
19. The installation will be handed over to the contractor as and where basis on installed position.
20. **The contractor is advised to check the installation before quoting the rates as nothing will be paid extra on A/c of any defect/missing item of the AC unit offered for comprehensive maintenance.**
21. The servicing of all VRV system (hot & cold/cold/as applicable) shall be carried within 15 days after award of the work from respective OEM/ Authorised service agents and further quarterly services at evenly spaced or as per site requirement or user requirement **during AMC** period shall be carried out for which nothing

extra shall be paid. If the servicing of all equipment shall not be completed within above 15 days than recovery @ **Rs.200/-** per day shall be made.

22. If company repaired/ replacement compressor is not available than the compressor of same capacity shall be replaced by the contractor within the scope of work.
23. **No dismantled material will be taken back from the contractor and it will be property of the contractor.**
24. **The servicing and comprehensive maintenance of VRV AC System etc. shall be done through OEM/ Authorized service agent of Daikin VRV AC System etc. for which documentary evidence including MOU with the valid date shall be produced by lowest bidder before taking over the maintenance OR an undertaking from the OEM/ Authorized service agent of respective VRV AC System etc. that "they have taken over the said installation for comprehensive maintenance w.e.f. to (date shall be mentioned) as per agreement terms & conditions". The above document shall be submitted alongwith performance guarantee, failing which it shall be treated as that no servicing/ comprehensive maintenance is being carried out for which no payment for that period shall be made.** If during that period, any defects occurs in the VRV AC System etc., it is the sole responsibility of the firm to rectified the same at his own cost, for which nothing extra shall be paid on this account.

SCOPE OF WORK

1. The agency have to mandatorily carry out 4 services per quarter each being carried out and submit its tentative schedule of being carrying out at the start of contract .

4 (Four) routine services (1 Wet & 3 Dry)

2. The VRV/VRF system includes but is not limited to:

- Outdoor units (inverter-based)
- Indoor units (Cassette, Hi-wall, Ductable, Hi wall, etc.)
- Refrigerant piping (copper)
- Insulation
- Drain piping
- Controllers (wired/wireless)
- Centralized controllers if any
- **Electrical panels and cabling**
- Safety controls and accessories
-

3. The contractor shall provide **comprehensive maintenance** of the complete VRV/VRF system to ensure:

- Continuous and efficient operation
- Energy-efficient performance
- Compliance with OEM recommendations
- Compliance with CPWD / NBC / MoHFW norms
- The maintenance shall be inclusive of preventive, corrective, and breakdown maintenance, including supply of all consumables, spares, tools, tackles etc. **unless specifically excluded.**

4. Records & Documentation

- a. Preventive maintenance checklists & tentative schedule for 12 months within 15 days of start of the contract
- b. Also, further service reports are to be made after carrying out periodical servicing and endorsement (with sign) to be obtained from the End User Department.
- c. Breakdown/complaint document
- d. Refrigerant usage records
- e. Monthly performance reports
- f. Quarterly preventive maintenance report of all outdoor and indoor units including all related equipments

g. Satisfactory report of all the equipment is to be provided on a quarterly basis.

h. History sheet/card of equipment: Contractor shall be providing all the necessary maintenance services and the same shall be recorded in the history cards of the equipment with date. Copy of this history card shall be submitted to the Engineer in-charge for the records. Contractor shall be maintaining history cards of each equipment. There will be a check list for preventive maintenance to be carried as per attached maintenance schedule.

5. Compliance & Standards to be followed:

- CPWD Specifications
- OEM guidelines
- NBC 2016
- IS / IEC standards
- MoHFW hospital HVAC norms
- Electrical Safety Regulations

6. **Preventive Maintenance Work Need to be done on Quarterly basis:**

- Cleaning of Air Filters, indoor unit grills, copper coils, diffusers and filters through air blower/Jet pressure.
- Cleaning of the indoor unit body by wiping out the dust etc. with a wet cloth.
- Refrigerant check & if required then top-up.
- Check the unit Current (Amps).
- Check the indoor unit motor noise and if make noise then fix it or replace it.
- Check the drain pipe & clean (There should not be any water leakage).
- Check the swing motor and alignment of motor and belt & damper.
- Check the return air sensor & coil sensor.
- Check the remote battery.
- Check electrical connections, motor bushing etc.
- Check insulation of the attached copper piping attached prevent the condensation, repair/replace if required
- Every machine shall be serviced at least once every quarter. A record of such services duly checked by the person using the machine or in his absence, in charge of the location of the AC shall be maintained.
- Temperature, airflow & thermostat calibration
- Inspection of insulation condition check
- Checking of PCB, sensors & communication wiring
- Outdoor unit: Checking refrigerant pressure & temperature
- Relevant electrical panel inspection (contactors, relays, inverter boards etc.)
- Check the motor winding with the help of a megger and rewind if needed.
- Checking of all ground connections/ earthing
- Checking and cleaning of blower and condenser fans.

- Cleaning of the cooling/evaporator and condenser coils with the help of vacuum/blower and water pressure with using approved chemicals
- Use the fin comb to straighten the coil fin if needed.
- Checking and tightening of nuts and bolts
- Lubricate, grease motor and blower bearing.
- Checking of the backup electrical power outlet/MCB, etc.
- Checking of the drive motors and fans.
- Overhauling of the AC, with a chemical washing process (if required).
- Checking of cooling efficiency in terms of grill temperature, room temperature and current drawn.
- Checking firmness of the supporting arrangement for the compressor, blower motor, air conditioners casing and fixing of the air conditioners
- Replacement of any component of air conditioners (indoor and outdoor units, inlet and outlet pipes, electrical connections etc) found defective after the above checks and tests.
- Charging of Refrigerant gas during the period of contract if need arises, a maintenance schedule mutually agreed upon will be prepared before commencement
- Condenser fins to be cleaned with Flushing water jet.
- The grills/diffusers of indoor units VRV/VRF should be cleaned on quarterly basis or as per requirement.
- Check for air and water leakages.
- Refrigerant charging / top-up (OEM-approved refrigerant) as required
- Leak detection using electronic leak detectors
- Rectification of minor refrigerant leaks
- Vacuuming and dehydration as required
- **Electrical & Control System Maintenance**
- **Inspection of power cabling and control wiring**
- **Checking of MCBs, MCCBs, fuses, relays**
- **Checking inverter drive boards**
- **Checking and updating controller settings**
- **Coordination with BMS (if integrated)**
- **Testing of safety controls and alarms**
- Check electrical overload protection systems and other electrical systems.

7. All the spares or replacements of compressors, fan motors, PCBs, Magnetic switches, Transformers and other electrical parts is in the scope of service provider.

8. Excluded spares price list freeze by submitting within 10 days at start of tender

9. The minor items, instrumentation & control, field devices, control panels, fire integration units etc. which are accessories but not listed are part of the complete systems covered under **comprehensive maintenance.**

The scope of work includes repair/replacement/overhauling of all the parts of

the machines/equipment, which become defective, inefficient or get damaged during working through OEM only.

- 10.** Inspection of all installation/equipments as per the recommended guidelines of the OEM/ASHRE 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 shall be carried/attended by OEM.
- 11.** Detailed parameters monitoring of systems for diagnostics, analysis of health and submit the report to Engineer-In -Charge on half yearly basis.
- 12.** Any other requirement to keep the whole VRV air conditioning systems efficient, in proper, healthy running condition as per operation and maintenance manual of OEM.
- 13.** Attending all Electrical and Mechanical breakdown of the VRV air conditioners.
- 14.** The contractor must maintain the comfort condition at all location of the hospital like temperature, humidity, odour and ventilation as per requirement 24x7x365.
- 15.** Contractor must maintain all components used for synchronization of Fire Alarm & Public Alarm System with AHU, DDC controller, smoke extraction and Fresh Air Unit. If the fire damper, damper Relay module and controller find faulty then need to be replaced on an immediate basis.
- 16.** Since the plant is catering to the HVAC requirements of AIIMS Bilaspur HP, which has a very sensitive patient care area hence the contractor will have to attend to any fault/breakdown immediately. If the desired staff is not deputed in reasonable time, institute officials will beat liberty to employ staff to get the work done by other agency at the risk and cost of the contractor for which the decision of Engineer in-charge will be final and binding.
- 17.** The surrounding areas with machinery will be kept neat & clean. Items such as soap, detergent, cotton waste, sanitizer, etc. will be arranged by the contractor. Proper cleanliness shall be maintained in all work areas including all the equipment complete with panels etc. is under the scope of this work.
- 18.** The surrounding areas with machinery will be kept neat & clean. Items such as soap, detergent, cotton waste, sanitizer, etc. will be arranged by the contractor. Proper cleanliness shall be maintained in all work areas including all the equipment complete with panels etc. is under the scope of this work.

- 19.** Clean and check all AHU starter panel, all types of VRV system related electrical panel.
- 20.** Check equipment earthing of complete system and indicate in history card
- 21.** Check the foundation bolts of the Pumps and motors and take the necessary action if required.
- 22.** Test all controlling and safety of the unit
- 23.** Chemical cleaning of cooling coils of all AHUs.
- 24.** Inspection and maintenance schedule shall be carried out as per OEM's operation & maintenance recommendations.
- 25. Breakdown Services:**
 - On-call** services shall include attending to any complaint at any time of the year on receipt of verbal/written/**email** complaint from the coordinating officer. Share the respective complaint no. & Email id for registering complaints at the start of contract
 - Attending** complaints 24*7*365
 - Emergency** breakdown attendance within **4–6 hours for critical areas** (OTs, ICUs, Labs)
 - Replacement** of defective components
 - Restoration** of system to normal operation at no extra cost (except excluded major parts, if any)
 - Any breakdown** will be required to be rectified **within 24** hours after written/email communication from the Engineer-In-Charge, failing which penalty of ₹ 500 per day will be imposed on the contractor.
- 26. Sub-letting of the contract is not allowed.**
- 27.** Contractors are advised to visit the site for understanding the detailed scope of work before submitting their tenders. The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates and prices shall , except as otherwise provided, cover all his obligations under the contract and all matters and things necessary for proper completion and maintenance of the works.
- 28.** Quarterly bill with the preventive and other relevant works carried out in respective quarters
- 29. Penalty for delay in preventive quarterly service @500/day**
- 30.** Official mail and mobile no. for registering complaint and respond to complaint status within 24 hrs. On non submission penalty @Rs500/- per day. Quarterly submit the complaint record and their rectification status mandatorily.

Coordinate with the operation team and provide VRV/VRF system related **operational assistance and attending of minor complaints. Submit report quarterly for the operation of VRV system.**

31. GATE PASS

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.

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.

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 officers 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
Chartered Accountant

SCHEDULE OF QUANTITY

Annual Maintenance of VRV Air Conditioners Installed in Various Buildings at AIIMS Bilaspur H.P.

1.	HEADER "A" -Total Amount to be quoted for Annual Maintenance Contract of VRV Air Conditioning System as per the scope of work including applicable GST and contractor's service charges/overhead profits etc. complete in all respects (For 560 HP)	₹ 30,13,248
2.	Amount to be quoted above/below on amount under Header "A"	