



81310/CCE(R&D)SM/EMU/CHILLER/CDEF/BRKD/2025-26

24 Apr 2026

**NOTICE INVITING E-TENDER/ TENDER ENQUIRY**

**REPAIRING OF 2 X 90 TR CHILLER UNIT AT BORKHEDI SITE NAGPUR**  
**TENDER ENQUIRY NO :CCE(R&D)SM/ENQ/EMU/BRKD/CHILLER/02/2026-27**  
**DATED 24 APR 2026**

Dear Sir(s),

1. On behalf of President of India, e-Tenders are invited for the subject work as per the scope of work and terms & conditions given in the tender enquiry. e-Tenders are to be submitted online on the Central Public Procurement Portal web site <https://eprocure.gov.in> as per the dates mentioned in the tender enquiry. The Scope of Work & Estimated Cost of Tender is attached at Appendix 'A' & 'D'.

a	Name of Work	:	"REPAIRING OF 2 X 90 TR CHILLER UNIT AT BORKHEDI SITE NAGPUR"
b.	Enquiry No.	:	CCE(R&D)SM/ENQ/EMU/BRKD/CHILLER/02/2026-27 DATED 24 APR 2026
c.	Estimate Cost of work including CP & all Taxes)	:	₹ 5,76,526 (Rupees Five Lakhs Seventy Six Thousand Five Hundred Twenty Six Only) For details refer Appendix 'D' to tender enquiry.
d.	Type of Contract	:	Open Tender Enquiry (OTE) amongst the enlisted agencies with DCWE
e.	Cost of tender	:	NIL
f.	Amount of earnest money.	:	₹ 11,531 i.e. @ 2% of the estimated value of NIT in the form of DD/ Bankers Cheque / Insurance Surety Bond / FDR / TDR etc. from the Scheduled bank in favour of " <b>CHIEF CONSTRUCTION ENGINEER, CCE (R&amp;D) SM, NAGPUR- 440 001</b> " payable at Nagpur.  A copy to be uploaded online in Cover No. 1 and original to be forwarded offline to this office before the due date i.e. before the opening of Technical Bid / Cover No. 1 otherwise the tender will be treated as non Bonafide and will not be opened. The Earnest Money shall not earn any interest.  <b>Note :</b> A part of earnest money is acceptable in the form of <b>bank guarantee</b> , Bond. In such cases 50% of earnest money or Rs. 20 Lakhs whichever is less, will have to be deposited in the form prescribed above and balance can be accepted in the form of Bank Guarantee issued by a scheduled bank.

<b>CRITICAL DATES</b>			
g.	Publishing date and time of tender documents	:	24 Apr 2026 at 1800 hrs
	Starting date & time of downloading of tender documents	:	24 Apr 2026 at 1830 hrs
	Clarification start date		25 Apr 2026 at 1000 hrs
	Clarification end date		28 Apr 2026 at 1530 hrs
	Starting date and time of bid submission	:	29 Apr 2026 at 0930 hrs
	Closing date and time of bid submission	:	12 May 2026 at 1530 hrs
	Closing date of submission of hard Copies of Cover-1 (Technical bid including all eligibility criteria documents)		13 May 2026 at 1530 hrs
h.	Date and time of opening of technical bid(Cover-1)	:	15 May 2026 at 1530 hrs In case the bidder has any queries regarding his eligibility or otherwise, the same should be got clarified before closing date of bid submission.
j.	Date and time of opening of price bid (Cover-2)	:	Will be made available online to the eligible bidders after completion of evaluation of Technical Bid.
k.	Validity of Tender/Bids	:	120 Days from last date of submission of tender.
l.	Accepting Authority	:	CCE (R&D) Special Maintenance, Nagpur
m.	Next Higher Engineer Authority	:	DCW&E HQ, New Delhi
n.	Duration	:	06 (Six) Months
	Procedure for submitting Tender	:	(a) The bidder will upload the tender in two covers in ONLINE mode. (i) <u>Cover-1</u> -Technical bid consisting of Eligibility criteria documents as per Table-A (as applicable) (ii) <u>Cover-2</u> - Financial bid/ Price bid.  (b) On the due date & time of bid opening of the Cover-1, Technical Bid i.e., 'Eligibility Criteria documents only will be opened and processed. <b>NOTE:</b> (i) Technical Bid documents of COVER-1 TO BE SUBMITTED IN HARD COPY in office of Accepting Authority before the prescribed due date and time. (ii) No documents pertaining to Cover-2 (Price Bid) shall be submitted in hard copy. Bids with hard copy of price bid will be rejected.

**2. ELIGIBILITY CRITERIA:**

**i) AGENCIES ENLISTED IN:**

**COMPOSITE CLASS-V/CLASS-IV/CLASS-III/CLASS-II/CLASS-I/CLASS-I(A)/ CLASS-I (AA)/CLASS-I (AAA)/ CLASS-I(SUPER)** as per DCWE letter No. DCWE/04/C-32997/133 dated 25 Mar 2026 **and BIM Class-IV/BIM-III/BIM-II/BIM-I** as per DCWE letter No. DCWE/04/C-32997/133/ENLISTMENT-2024 dated 16 Apr 2025, meeting bidding Capacity and all other requirements mentioned in subsequent paragraphs are eligible.

**ii) BIDDING CAPACITY OF BIDDERS:**

Bidding Capacity of vendors shall be calculated as per the given below formula/ procedure:-

$$\text{Bidding Capacity} = (A \times N \times 2) - B$$

Where,

A = Maximum value of construction works executed in any one year during the last 05(Five) years taking into account the completed as well as works in progress.

N = Number of years prescribed for completion of work for which bids has 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.

**Note:-**

- (i) The bidding capacity of the contractor obtained from above formula should be equal to or more than the estimated cost of the work put to tender.
- (ii) The applicants shall submit the bidding capacity as per format Annexure-VII for **“Declaration of Bid Capacity”** where the bid capacity will be mentioned as calculated as per the formula above along with submission of supporting documents i.e. copies of LOI/Work Order for all work specified in formula for bidding capacity.
- (iii) The value of executed work shall be brought to current costing level by enhancing the actual value of the work executed at simple rate of 7% per annum, calculated from the date of completion to the last date of completion to the last date of submission of this bid.

**The Bidder shall submit the calculation of bidding capacity and also submit the value of existing commitments and ongoing works to be completed during the period of completion of this work duly certified by the Chartered Account with UDIN Number.**

**(Scanned Copy of Documents from original shall be uploaded online and original to be submitted offline before due date of opening of Cover – I (Technical Bid).**

**Note: - Un-enlisted bidders will not be considered.** Uploading of bid doesn't constitute any guarantee for the opening of the Technical / Financial Bid. The

opening of bids will be decided by the competent authority based on the fulfilling of eligibility criteria. Accepting officer is the sole authority for the purpose of this tender.

**C. Tenderers are advised to note the following:-**

(a) **Tenderers having following valid documents will be technically qualified and considered for opening of their price bid. Technically qualified parties have no right to claim for award of the work. Department reserves the right to cancel or award the work to any party/tenderers.**

(b) Hard copies of the requisite documents shall be forwarded for Technical evaluation of the bids **within the time as specified in Tender Enquiry** as per Table-A.

(c) In any case, hard copy of price bids shall not be submitted, or else, tender bid will be liable for rejection.

(d) EMD as applicable shall be deposited in original copy.

(e) Undertaking for Acceptance of Terms and Conditions (Annexure-I to NIT).

(f) **Copy of Enlistment letter with DCW&E under appropriate Category & Class.**

(g) Bidding Capacity to be submitted as per **Annexure-VII**

<b>TABLE - 'A'</b>			
<b>LIST OF ELIGIBILITY DOCUMENTS TO SUBMITTED</b>			
<b>Sl No.</b>	<b>Description of Documents</b>	<b>Bidders as per Para 2 (i) above</b>	<b>Enclosures</b>
1.	Copy of Enlistment letter with DCW&E in required Category & Class	✓	Copy of Enlistment Letter
2.	Undertaking for Accepting terms & conditions of the Tender Enquiry	✓	<b>Annexure-I</b>
3.	Earnest Money Deposit	✓	Original DD/ Bankers Cheque / Insurance Safety Bond Bond/FDR/TDR towards earnest money
4.	Bidding Capacity to be submitted	✓	<b>Annexure-VII</b>
6.	Copy of JWO/CA of similar works completed and required to meet eligibility criteria	×	<b>Annexure-II</b>
7.	Performance certificate of similar works required to meet eligibility criteria	×	<b>Annexure- III</b>

### 3. **Earnest Money Deposit (EMD):**

(a) 02% (Two percent) of the estimated value of Tender specified shall be submitted as EMD in the form of Demand Draft / Bankers Cheque/Insurance Surety Bond / FDR / TDR etc from the Schedule /Nationalized bank in favour of **“Accepting authority as defined and payable at his office location i.e. CCE (R&D) SM, Nagpur.** Copy to be uploaded online in CoverNo.1 and original to be forwarded offline to this office before the due date i.e., before the opening of Eligibility Criteria & Technical Evaluation Bid (Cover No. 1) otherwise the tender will be treated as non bonafide and will not be opened. A part of earnest money is acceptable in the form of bank guarantee also. In such cases 50% of earnest money or Rs. 20.00 lakhs whichever is less, will have to be deposited in the shape of DD / BC / FDR and balance can be accepted in form of bank guarantee issued by a scheduled bank.

(b) **Forfeiture of Earnest Money:-** If any Bidder withdraws his Tender before the expiry of the validity period of tender, or before the issue of letter of acceptance, whichever is earlier, or makes any modification in the terms and conditions of the Tender which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the Earnest Money absolutely. If contractor fails to furnish the prescribed Security Deposit within the prescribed period, the earnest money is absolutely forfeited to the President automatically without any notice. In case of forfeiture of Earnest Money as prescribed above, the Bidder shall not be allowed to participate in the e-tendering process of the work. **Tender not accompanied with required Earnest Money shall be liable to rejection.**

(c) **The Bidder, who does not meet the eligibility criteria, and / or does not qualify in the technical bid, there EMD will be returned after completion of the tender process.**

### 4. **Value of Tender:**

The NIT value is the estimated cost put to tender(ECPT) which, statutory payments, GST, other taxes (if any), TPMs, PPEs, Annual Maintenance Charges (O&M of E/M services), Stores, Periodical maintenance of, AC's etc., Diesel with handling charges and Contractor Profits & Overheads (CP&OH). On this value, the EMDs, security deposits etc., shall be calculated.

### 5. **Value of Contract:**

The value of work order shall include the quoted price of tender plus stores, value of Diesel / FOL and any other amount excluded from the BOQ but have been included in the tender enquiry as a part of the estimated cost put to tender (ECPT) / NIT value as above. This has been done to avoid issuance of various amendments during the currency of contracts due to changes in Minimum Fair Wages (MFW) rates. However, the payments during the currency of contracts shall be made only on actual as per prevailing MFW and the total payment shall be limited to the value of work order / CA, and amendments, if any. Monthly bills shall be prepared on the basis of prevailing MFWs and other items included in the BOQ. No amendment for the work order shall be issued for change in the rate of MFW, taxes and other statutory payments, if the updated amount remains within the value of the work order. An amendment to the contract shall be issued by the competent authority only in the case when the total amount of bills exceeds the existing work order value. In case of any changes in MFW and

other statutory payments, a general information shall be circulated by competent authority for remaining period of works.

## **6. GENERAL GUIDELINES:**

**All bids (Technical and Financial) should be uploaded in the Central Public Procurement Portal(e-procurement) (<https://eprocure.gov.in>) only. No manual price bids will be accepted. Corrigendum and addendum (if any) will be uploaded on Central Public Procurement Portal (e-procurement)(<https://eprocure.gov.in>). Bidders are advised to visit web page and update themselves. All revisions, clarifications, Corrigendum/addendum are the part of tender documents and bidders are supposed to upload the same, duly digitally signed by the legal owner of the Firm or the person authorised by him to do so as per the guidelines given in the tender enquiry.**

## **7. Bid Submission:**

a) Any agency willing to take part in the process of e-Tendering will have to be enrolled & registered with the Government e-Procurement portal <https://eprocure.gov.in>.

b) Bidders to obtain **Digital Signature Certificate**, from the approved service provider of the **National Information' s Centre (NIC)** on payment of requisite details and available at the Web Site.

c) **Bids shall be submitted online on at CPP Portal web site:** <https://eprocure.gov.in> by the time specified in the tender enquiry. Prospective Contractors are advised to start uploading process well in time and not leave it to the last minute as same may take time because of the data involved. If the date of opening of tenders happens to be a public holiday, then the tenders will be opened on next working day at the same time and place. **Manual bids shall not be accepted.** Bidder / Contractors are advised to follow the instructions provided in the "**Instructions to Bidder**" for the e-submission of the bids online through the Central Public Procurement Portal for e-Procurement at <https://eprocure.gov.in> before proceeding with the tender.

d) **Bidders should quote as per the Price Bid format in excel sheet and in the allotted space only. In no case, price Bids shall be submitted in Hard Copy.**

## **8. Expenses for Tender Preparation:**

For the preparation and submission of tender, bidder shall Not be entitled to any cost expenses or other claims whether the tender is accepted, or rejected or invitation to tender withdrawn or cancelled.

## **9. Incomplete Tenders:**

The scope of work, terms and conditions and other details have been specified in the tender documents. Bidder shall prepare and submit his tender keeping in mind the completeness of works indicated in the tender documents. Any tender Not quoting for the complete work as per tender documents or is otherwise incomplete or is Not in compliance with the tender documents shall be liable to rejection.

**10. Tenderer Not to Resile:**

(a) Bidder shall not resile from this technical, commercial and price offer. Should the bidder resile from his tender in any manner whatsoever the tender submitted by him shall be liable to rejection. Bidder shall be allowed to revise his offer only if specifically, so requested by the owner.

(b) If any discrepancy is noticed between the Eligibility documents as uploaded at the time of submission of Bid and hard copies as submitted physically in the office of Tender Inviting Authority by due date and time, the evaluation will be done on the basis of uploaded documents only. However, if any requisite document is not found in hard copy, the same may be referred from the uploaded document in the Portal.

(c) Clarifications, if any required to be sought on the submitted documents may be obtained through email or through portal regarding eligibility of agencies.

(d) Bidder / Bidders should submit / upload in the Portal, the entire Tender Enquiry document, digitally signed along with all corrigendum / addendums, if any published later on, as it is downloaded from the Portal, as a token of acceptance, in the appropriate given cover only.

(e) Tender document in which the Tender is submitted by a Bidder shall become the property of the Employer and the Employer shall have no obligation to return the same to the Bidder.

**11. Site Inspection/ Clarifications:**

a) Agencies are required to clearly understand the scope of work, location and details of manpower to be positioned and nature of duty, etc., before participating in the tender. Agencies are advised to inspect at their own option the site of work and acquaint themselves with the working conditions including constraints and collect all necessary information for carrying out the work. The work are to executed at **Nagpur** And police verification has to be obtained for all persons deployed under the contract prior to physical deployment at the site.

**b) Bidders are advised to visit the site and understand the site conditions and security restrictions and requirements for the manpower to be engaged for the work** and acquaint themselves with the working conditions including constraints, if any, and collect all necessary information for estimating the exact quantum/ nature of work involved for carrying out the work satisfactorily before quoting their rates. The bidders shall submit their intention in writing along with Nos of persons, their details and proposed dates of visit (minimum two such dates to be given). It is intimated that organising such site visit by the bidders may take a few days for the department. The bidders may contact the tender issuing authority, whose contact details; e-mail, address and contact numbers are given below for any clarifications:

<b>For Site Visit</b>	<b>Clarification regarding tender</b>
Name : Lt Col Vijay Dhankhar Estate Manager, EMU (R&D) Nagpur Phone Office : 0712 – 2520286 Fax : 0712 – 2520286	Name : Ramanand Mahawar Technical Officer 'B' CCE (R&D) SM, Nagpur Phone Office : 0712 – 2523510 Fax : 0712 – 2523504

**12. Modification and Withdrawal of Bids.** A bidder may modify or withdraw his bid online till deadline prescribed for submission of bids. **Withdrawal of a bid after last date of submission and physical receipt of the EMD will call of forfeiture of the EMD as per respective clauses.**

**13. No request for transfer of any previous deposit of earnest money or security deposit or payment of any pending bill held by the Office of Chief Construction Engineer (R&D) Special Maintenance, Nagpur, in respect of any previous work will be entertained.**

14. Bidder shall not be permitted to withdraw his offer (L-1) or modify the terms and conditions thereof. In case the bidder fails to observe and comply with the stipulations made herein or backs out after quoting the rates, the aforesaid bank guarantee / demand draft will be forfeited and bidder may be declared as defaulter and liable for black listing / ban.

**15. Rejection of Bids: Canvassing by the Bidder in any form, unsolicited letter and post-Tender correction may invoke summary rejection with forfeiture of EMD. Conditional Tenders will be rejected.**

16. Bidders may note that they are liable to be disqualified at any time during tendering process in case any of the information furnished by them is not found to be true. EMD of such bidder shall be forfeited. The decision of Chief Construction Engineer (R&D) Special Maintenance, Nagpur, in this regard shall be final and binding.

17. All entries in the tender forms / annexures should be legible and filled clearly. If the space for furnishing information is insufficient, a separate sheet duly signed by the authorized signatory may be attached. Minor correction, if any, made in the form will be allowed only if the same is endorsed by the bidder with his signature.

18. No modification or substitution of the submitted bids shall be allowed. The Office of Accepting Authority reserves the right to retain bids once submitted. It is clarified that bids once submitted will not be returned to the bidder.

19. A bid (Price bid) submitted without the cost and incomplete or conditional bids shall also be not considered and will be out rightly rejected in the very first instance.

**20. If any bidder is found to have business or family relationship with any employee DCW&E (CCE's / EMUs included), his bid will be rejected. A declaration to this effect shall be provided by the bidder along with Prequalification Bid.**

21. The Bids shall be opened on the Central Procurement Portal (e-procurement) on the scheduled date and time as specified. No separate intimation shall be sent to bidders for the same.

**22. Validity of Offer :** The validity of the offer shall be 120 days from the last date of submission of bid. If any bidder withdraws his tender within the validity period or makes any modifications in terms and conditions of the tender and / or rates after submission of tender does not start the work within stipulated period from the date of issue of letter of acceptance, then Chief Construction Engineer (R&D) Special Maintenance, Nagpur, shall without prejudice to any other right or remedy, be at liberty to forfeit the earnest money deposited (EMD) by the bidder. In case of forfeiture of EMD, the bidder shall be debarred from bidding in case of re-invitation of the tenders.

**Note: The L-1 tenderer is bound to accept the tender and execute / perform the work as envisaged in the tender documents. In case of unwillingness to perform / execute the work or withdraws his L-1 offer due to any reason including incorrect / wrong quoting, the firm will be debarred/ban to participate in any future tender for a minimum duration of one year or period as decided by accepting authority.**

**23. Period of Completion:**

(a) The entire work under this contract / Job Work Order is to be completed within **Six (06) Months** from the date of commencement as given in Contract Agreement / Job Work Order, which is further extendable for a desired period with mutual agreement between bidder and Accepting Authority as per existing terms and conditions.

(b) Manpower deployed for this work shall be qualified, experienced and able to smoothly carry out the jobs. The Technical Staff shall have thorough knowledge of safety precautions during emergency cases and also conversant with Indian Electricity rules / regulations.

(c) The Accepting officer reserves the right to reject the employment of any person on what so ever reason and contractor shall cease employment of such person / persons forthwith. No claim shall be entertain able on this account.

(d) The staff deployed at site will be provided with colour dresses and specification and identification mark of the agency of dress should got approved by CCE (R&D) SM.

**24. Bid Submission at Office of the Accepting Authority:**

**Submission of Hard Copy Documents:-**

(a) In order to consider e-bids for the subject work, Original EMD must be deposited to the office of CCE(R&D) Special Maintenance, Nagpur before last date of submission of tenders on CPP Portal, failing which the firm shall be rendered ineligible for the opening of financial bid and the bid will be treated unresponsive.

(i) Earnest Money Deposit to be submitted to this office.

(ii) Proof of Enlisted Category in DCW&E, New Delhi.

(iii) All requisite applicable documents pertaining to Eligibility Criteria and Technical Evaluation as required for eligibility as stated in respective clauses of this tender enquiry.

(b) The hard copy of eligibility criteria & Technical bid shall be submitted in one sealed envelope.

(c) **The envelope** shall be super scribed Technical bid for (Name of Work & Enquiry No.) "Technical Bill" shall contain documents pertaining to eligibility criteria and technical evaluation. Please note that many documents required as per Table-A could be common but are required to be submitted in the above cited envelope for ease of verification & evaluation.

(d) The envelope and the covering letter accompanying the tender document (including all the documents), duly signed on each page with seal by the authorized representative of the bidder, should be enclosed in a bigger envelope, which shall be scribed the name of subject work as mentioned and should reach the following address on or before the expiry of the prescribed time limit:-

**CCE (R&D) Special Maintenance,  
Mahanagar Palika Marg,  
Civil Lines,  
Nagpur – 440 001.**

Tenders will not be accepted after the prescribed time and date as set out in the Tender Notice or subsequent extensions, if any, notified by the office. **The office of Accepting Authority takes no responsibility for delay, loss or non-receipt of the bid sent by post/courier. Bid / documents sent through Fax or Email shall not be accepted.**

25. **Amount to be quoted & acceptance of tender:**

(a) The bidder shall quote only contractor's profit and over heads (in percentage) over the **BOQ** of tender or in item rates form as mentioned in BOQ uploaded in excel format. Any other obligatory charges which are not considered in estimated cost of tender to be considered by bidder in the percentage quoted.

(b) The contractors shall deploy adequately trained personnel meeting minimum qualification criteria. Efforts should be made to train the existing staff to the fullest extent possible and retain them post-training. However, if any contractual staff are found to be unsuitable despite receiving appropriate training, they should be gradually phased out and replaced with newly recruited personnel who have undergone proper training prior to deployment. The payment for which has to be made by the contractor(s) out of service charges being paid to them towards contractor's profit & overheads and the department will not be responsible towards any such payments.

(c) In the Bill of Quantities (BOQ), while quoting, the bidders shall select the Excess (+) / Less (-) balloon and after entering their quoted percentage value ensure that the value in the total Amount column is increased / decrease from the estimated value of the tender. Entry up to ONLY two decimal points in the quoted percentage is desirable & restricted as the lower percentage value is automatically rounded off to two decimal points in display by the system while preparation of CST. In case of any discrepancy between the displayed values of "Quoted Percentage" and "Quoted Rate" in the CST prepared by the system, the value of quoted percentage, as displayed in the excel sheet uploaded by the bidders will be treated as final and binding.

(d) In case, the quoted amount of two or more bidders is equal, then the lowest tender will be decided by draw of lots by the board of officers. The tenderer or their authorized representatives may attend the opening, the date and time of which will be communicated through e-mail.

26. **Financial Commitment**

This Tender Enquiry is being issued with no financial commitment and the Accepting Authority reserves the right to change or vary any part thereof at any stage including withdrawal of the Tender Enquiry, if it becomes necessary at any stage.

A. **Eligibility Criteria Bid:**

(a) Bidders fulfilling eligibility criteria specified in the bid shall be shortlisted for opening the financial /price bid.

27. The work will be executed in accordance with the provisions of this Tender Enquiry and relevant clauses of “**General Conditions of Contract (GCC-2023)**” as applicable to **R&D Construction Establishment (RDCE WP-2024)**” & “**Special Conditions of Contract**” (**Appendix-‘B’**) respectively. In case of any ambiguity, the terms and conditions (**Appendix-‘B’**) will take precedence over other conditions. CCE (R&D) SM, Nagpur reserves the right to amend / cancel or modify any terms /conditions of contract, partially / fully during the currency of the contract due to any reason.

28. **Clarifications/ Interpretations:**

The bidder shall carefully study the complete quotation/ tender documents and other connected documents including general and special conditions etc. and completely acquaint themselves with all documents and their contents therein. Clarifications required, if any shall be obtained from the Department before submitting the bid, so as to avoid misinterpretation of facts by the contractor. Ambiguity, if any, shall be got clarified from the Chief Construction Engineer, Accepting Authority, well in advance. In case of any query / clarification, the same may please be got clarified well before quoting for the tender. No presumption/ assumption / misinterpretation shall be accepted if contrary to the tender condition. **No representation/ explanation will be entertained in this regard at later stage. Bidders are advised to seek clarifications if required, well before submission of the bid.**

Please note that conditional quotations will be rejected, and no representation will be entertained. The decision of the Chief Construction Engineer (R&D) Special Maintenance, Nagpur, Accepting Authority will be final and binding in this regard.

29. **Accepting Authority :**

Shall have the right to amend, delete / add to the various provisions in the Tender documents or withdraw / cancel the invitation to tender without assigning any reason. The amendments/ errata issued by the Accepting Authority, shall be read carefully in conjunction with the Tender documents and shall be submitted along with Tender documents as a part thereof. The contract price / rate / amount shall be deemed to have been worked out considering amendment / errata also.

30. **Acceptance of Tender by Accepting Authority:**

Accepting Authority shall Not be bound to accept the lowest or any tender or to assign reasons for Non acceptance of any Tender. Accepting Authority also reserves the right to accept a tender either in whole or in part. Breakup of prices/ items rates shall be binding on the bidder even in the case of acceptance of a tender in part.

Sd/-  
(Ramanand Mahawar)  
Technical Officer 'B'  
for Chief Construction Engineer (R&D)SM

**Enclosure:**

1. Appendix 'A' - Scope of Work
2. Appendix 'B' - Special Conditions of contract
3. Appendix 'C' - Employee Profile Form
4. Appendix 'D' - Percentage Bill of Quantity (BOQ)
5. Annexure 'I' - Acceptance terms and conditions
6. Annexure 'II' - Details of Similiar Works for Pre Qualification Criteria
7. Annexure 'III' - Proforma for Performane Certificate
8. Annexure 'IV' - Bid Security Declaration.
9. Annexure 'V' - Format of BG
10. Annexure 'VI' - General Conditions of Contracts-2023
11. Annexure 'VII' - Bid Capacity
12. Annexure 'VIII' - List of approved makes

**Copy to:-**

S No	Office Name	Fax No	Gov Mail ID
1	Director (CW&E), New Delhi	011-23011547	dcwe-works1 @gov.in
2	CCE (R&D) North, Delhi	011-26767225	ccernd.north@gov.in
3	CCE (R&D) Central, Delhi	011-26152757)	ccerndcentral1-drdo@gov.in
4	CCE (R&D) Delhi, Delhi	011-23814902	admin.ccedelhi@gov.in
5	CCE (R&D) West, Pune	020-25865061	ccewest-drdo@gov.in
6	CCE (R&D) East, Kolkata	033-22420170	ccekolkata.estates@gov.in
7	CCE (R&D) Estates South, Hyderabad	0172-2651100	ccerndestts.hq-ts@nic.in
8	CCE (R&D) South, Secunderabad	040-27751405	ccernds.drdo@nic.in
9	CCE (R&D) Estate North, Chandigarh	0712-2672000	cceestn.estates@gov.in
10	EMU (R&D), Bangalore	080-25348127	emurnd.blr-drdo@gov.in
11	EMU (R&D), Balasore	06782-272149	emu.chp@nic.in
12	EMU (R&D), Chandigarh	0172-2639038	emurnd.chd@gov.in
13	EMU (R&D), Chennai	044-26375919	emu-chennai@gov.in
14	EMU (R&D), Delhi	011-23960738	emurnd.delhi@gov.in
15	EMU (R&D), Dehradun	0135-2780379	emu.deal@gov.in
16	EMU (R&D), DRDO Bhawan, New Delhi	011-23007934	emu.hqr@gov.in
17	EMU (R&D), Hyderabad	040-24346246	emurnd.hyd-drdo@gov.in
18	EMU (R&D), Jagdalpur	07782-227167	emujpr-drdo@gov.in
19	EMU (R&D), Nagpur	0712-2520286	
20	EMU (R&D), Nasik	0255-7279001	emu-nasik-drdo@gov.in
21	EMU (R&D), Pune	020-25865105	emupune-drdo@gov.in
22	CCE (R&D) SM, Nagpur for display on Notice Board		

NAME OF WORK :-**REPAIRING OF 2 X 90 TR CHILLER UNIT AT BORKHEDI  
SITE NAGPUR**

**SCOPE OF WORK**

**SCOPE OF WORK** : Scope of work is broadly described in Bill of Quantity (BOQ).The brief scope of work are as under:-

- (i) Carrying out repairs to 90 TR Chillers/HVAC system by dismantling and re-installation after repairs to the condenser/compressor parts along with associated equipments, carrying pressure test, leak test and charging of suitable refrigerant etc. complete to make the HVAC System operational.
- (ii) Scope of work is broadly described in Appendix ‘D’ to these documents.
- (iii) Site will be handed over in phased manner without hindering the operation of the site. Work shall be carried accordingly. A detailed schedule of work with dates shall be submitted and got approved by Engineer-in-Charge before commencement of work.
- (iv) All items of works to be executed shall be read in conjunction with drawings, particular specifications, technical specifications and list of approved makes of materials. Wherever the details are not available standard engineering practices as per BIS/CPWD specifications for Civil, Electrical and HVAC works shall be applicable.

**SPECIAL CONDITIONS OF CONTRACT**

- 1) SECURITY DEPOSIT:** The CONTRACTOR shall submit an initial Security Deposit of 2.5% (Two and a half percent) of the initial contract price in the form of a Bank Guarantee Bond or FDR insurance surety bond etc. of any scheduled commercial Bank within 21 (Twenty One) days of issue of LOI with initial validity upto 90 days beyond completion of DLP. The security deposit shall be released on expiry of defects liability period and satisfactory completion of rectification of defects and on issuance of "Final Acceptance Certificate" by the OWNER and submission of "No Claim Certificate" by the CONTRACTOR (In case of increase in final contract sum the additional 2.5% (Two and a half percent) security deposited shall be deposited in the form of Bank Guarantee Bond/FDR/insurance surety bond before release of final payment).

**Note: If the CA / JWO is extended beyond three (3) months, additional security deposit for the increased value of CA / JWO and the extended period is required to be submitted by the contractor in the following manner:**

- i. In case of Bank Guarantee (BG), revised BG with revised value and validity.
- ii. In case of Fixed Deposit (FD), FD for differential value with validity.

**Note:-**

(a) The BID Security (EMD) of the successful bidder shall remain with Accepting Authority until the receiving of performance security deposit of value defined above. However, the BID Security of Unsuccessful bidders/parties will be released after completion of the tender process. Bid security of the successful bidder will be converted into performance security.

(b) No interest will be paid on the security deposit amount by the Office of Accepting Authority.

(c) The Performance Security can be forfeited by order of the Office of Accepting Authority, in the event of any breach or negligence or non-observance of any terms/condition of contract or for unsatisfactory performance or for non-acceptance of the work order. On expiry of the contract, such portion of the said Bank Guarantee/ demand draft as may be considered by the Office of Accepting Authority sufficient to cover any incorrect or excess payments made on the bills to the firm, shall be retained until the final audit report on the account of firm's bill has been received and examined.

**2) PERFORMANCE BANK GUARANTEE (PBG)**

An irrevocable performance bank guarantee totalling to 7.5% of the final contract sum, inclusive of security deposit valid upto 90 days after defect liability period shall be submitted after completion of the work. Performance guarantee shall be released after expiry of defects liability period and issuance of "Final Acceptance Certificate" by CCE and submission of No Demand Certificate by contractor.

### 3) PAYMENT TERMS

Payments will be made in RAR bills submitted for the completed portion of work along with MB as per the payment terms mentioned in GCC. Payments will be made after deduction of LWC @ 1% & retention money @ 10% on Works, IT @ 2%, GST @ 2% and Water/Electricity charges as applicable. Retention money will be released in the final bill after submission of performance guarantee as per GCC.

**In case the selected service provider leaves the work before completion of the period of contract then Office of Accepting Authority shall be entitled to forfeit the performance security.**

### 4) DEFECTS LIABILITY PERIOD

The CONTRACTOR shall be responsible to make good and remedy at his own expense within such period as may be stipulated by the PM/Engineer-in-Charge, any defect which may develop or may be noticed before the expiry of twenty-four (24) months from the certified date of completion. This period is termed as Defect Liability Period (DLP).

5) Chief Construction Engineer (R&D) Special Maintenance, Nagpur, DRDO will not be responsible for any injury or loss of life of any of the contractor's personnel that may take place while on duty. Any compensation or expenditure towards treatment for such injury or loss of life shall be the sole responsibility of the contractor.

- (i) **Part Closure of Work Order:** If need arises for part closure of the work order / contract for specific period as decided by the CCE (R&D) Special Maintenance, Nagpur due to admin or other reasons like special repairs, additions / alterations, etc., the CCE (R&D) Special Maintenance, Nagpur reserves the right to reduce the staff strength and the contract amount on pro-rate basis. Other charges, like payments, etc. shall be worked out proportionately, and shall also be deducted from the monthly bill accordingly. The decision of the CCE (R&D) Special Maintenance, Nagpur is final and binding in this regard. No representation will be entertained in this regard.

6) In case any / all services covered under the work order also need to be curtailed or suspended due to any reason, for a period to be communicated in writing by the CCE (R&D) Special Maintenance, Nagpur, commensurate rates as per admin approval including other charges and payments as applicable will be deducted from the monthly bill of the contractor. The contractor shall have no objection, whatsoever in this regard. The decision of the CCE (R&D) Special Maintenance, Nagpur shall be final and binding.

7) **Arbitration:** In the event of any dispute / difference arising under the work order / contract (except the clause on any matter, the decision of which is specially provided for) shall be referred to the Director (Civil Works & Estates), DRDO HQ, New Delhi for arbitration whose decision will be final and binding on both. The arbitrator shall be appointed by the Director (CW&E), HQ DRDO / RD-28. The award of the arbitrator shall be final and binding on the parties. The arbitrator shall be entitled to extend the time of award by consent of the parties from time to time. The venue or arbitration will be at the discretion of the arbitrator. Subject as aforesaid, the arbitration Act 1940 and the Rules there under, any statutory modifications thereof for the time being in force, shall be deemed to apply to the arbitration proceeding under this condition. In case of any dispute, no other channel / mean shall be exploited by the contractor unless the provisions provided above.

**8. ADDITIONAL PERFORMANCE SECURITY FROM THE BIDDERS WHO HAVE QUOTED ABNORMALLY LOW BID PRICE.**

Additional security deposit will be taken from Lowest bidder for low bid as under:-

- (i) Where the bid price is below 10% but not below 20% of the project cost put to bid, the additional performance guarantee /security percentage shall be incremented by 0.1 % for every percentage of bid price below 10% of the project cost put to bid starting at 11% with additional bid performance guarantee being 0.1 % and this additional performance guarantee percentage shall be applied on the bid price.
- (ii) Where the bid price is 20% or more below of the project cost put to bid, the additional performance guarantee percentage shall be incremented by 0.2% for every percentage of bid price below 20% of the project cost put to bid in addition to 1% of the bid price and this additional performance guarantee percentage shall be applied on the bid price.
- (iii) The additional performance guarantee percentage shall be rounded off to the next lower percentage based on whether the decimal point of the percentage of bid price is below 0.5% or next higher percentage based on whether the decimal point of the percentage of bid price is 0.5% or more.
- (iv) The additional performance security shall be treated as part of the performance security.
- (v) The above said additional performance Guarantee/ Security shall be deposited by the selected bidder in addition to the Initial Security Deposit (ISD) and Performance Guarantee Bond as mentioned in Article-6 of GCC-2023 as amended. The same shall be deposited as a prerequisite for issue of Letter of Acceptance (LoA) to the contractor before release of Earnest Money Deposit (EMD). The validity of the additional performance Guarantee /Security shall be 90 days beyond the completion of Defect Liability Period (DLP) of the contract in the instant case.

**9. DAMAGES AND LOSSES / BREAKAGE**

- i. All the equipment and the items at site stands at the risk and sole charge of the contractor who shall deliver in proper condition at the time of annual stock taking to be done by the officials of Accepting Authority. Any shortfall shall be immediately made good by the contractor by replacement. If the same is not replaced within one month of stock taking, the amount shall be recovered from the dues/bills of the contractor. The contractor or his representative shall be present during the stock taking. If the contractor or his representative does not make themselves available, the stock taking shall be conducted in their absence, which will be binding on them. For losses, if any due to natural calamity or any other act of God, beyond the control of either party, the Office of Accepting Authority will replenish the same, as per obligation mentioned above.
- ii. All damages / breakage to the equipment / inventory in the charge of the contractor, if caused due to negligence of the contractor's employee, the cost or repair / replacement of the equipment will be borne by the contractor. Whether the damage / breakage has been caused due to negligence or

normal wear and tear shall be heard and will be decided at sole discretion of the officials of Accepting Authority.

- iii. Assistance in procurement of men and materials: - Except as otherwise provided, all personnel, materials, equipment, licenses, transport, and any other thing required for the execution of the contract shall be managed by the contractor under his own arrangement and the Accepting Authority shall not be responsible for the same in any way, what so ever. Any assistance required may however, be considered and given on receipt of a requisition in writing.

## 10) **CONTRACT MANAGEMENT:**

**(a) Closure by Mutual Agreement:** In case of any administrative or technical reasons, natural calamities, force-majeure or any other issue which necessitates closure of any O&M work or either of the parties which desire foreclosure of work shall serve one-month notice to the other party stating the reasons for such closure. During the notice period, both parties shall discharge their obligations without fail. Necessary handing / taking over of assets shall be done at the end of the notice period. In case the Accepting Officer desires further extension due to any of the above reasons, the contractor shall accept such demand of the Department by which time, alternate arrangements as required shall be made by the Department to take over the assets. In such eventualities, the decision of the accepting officer shall be final and binding.

**(b) Failure to execute / perform the obligatory works becoming L1 bidder:**

i) The L1 bidder is bound to accept the tender and execute / perform the work as envisaged in the tender documents. In case of unwilling to perform / execute the work or withdraw his L1 offer due to any reason including incorrect / wrong quoting. The Firm will be debarred to participate in any future tender for a minimum duration of one year or period as decided by accepting authority.

ii) Apart from the above, the complete EMD amount will be forfeited and the same will be deposited into Government treasury accordingly. No representation will be entertained in this regard. The decision of the accepting authority is final and binding.

**(c) Handing / Taking Over:**

i) The contractor shall on receipt of work order take over the systems (assets / facilities / infrastructure/ equipment etc.) in serviceable and running conditions signing of proper handing / taking over documents.

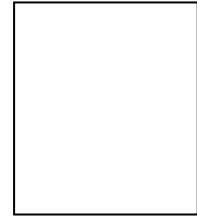
ii) Similarly, on expiry of period of the contract, he shall hand over all the systems in serviceable /running condition to the succeeding contractor / department. The contractor at his own cost shall provide the deficiencies / shortcomings and carry out all repairs / maintenance required for the purpose.

**(d) Notice to Local Authorities during Execution**

The contractor shall be responsible for giving all necessary notices to the local authorities while the work is in progress. He shall also be responsible for the adequate lighting at any place and clear any heap of materials or other obstacles which may be dangerous or nuisance to the public.

**EMPLOYEE PROFILE FORM**

1. Name : \_\_\_\_\_
2. Name of Post : \_\_\_\_\_
3. Date of Birth : \_\_\_\_\_
4. Aadhar Card No. : \_\_\_\_\_
5. Father / Husband’s Name : \_\_\_\_\_
6. Local Address & Mobile : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
7. Permanent Address & Mobile: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
8. Police Verification : \_\_\_\_\_
9. Bank Accounts Details : \_\_\_\_\_
10. Education Qualification & : \_\_\_\_\_  
experience (if any)
11. UAN / EPF Number : \_\_\_\_\_
12. ESI Number : \_\_\_\_\_
13. Date : \_\_\_\_\_ Signature
14. Work Order Number & Date : \_\_\_\_\_
15. Contractor’s Name & Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ Contractor’s Signature
16. Remarks : \_\_\_\_\_  
\_\_\_\_\_
17. Date : \_\_\_\_\_ Officer-in-Charge



**Employee is Suitable/Not Suitable for Allotted Work**

**(Estate Manager)**

**UNDERTAKING**  
**(To be given on company letter head)**

To,  
The Chief Construction Engineer (R&D) Special Maintenance,  
Mahanagar Palika Marg, Civil Lines,  
Nagpur – 440 001.

**Subject : ACCEPTANCE OF TERMS & CONDITIONS OF TENDER.**

Tender Reference No: \_\_\_\_\_

Name of Tender/Work :-**REPAIRING OF 2 X 90 TR CHILLER UNIT AT BORKHEDI SITE NAGPUR**

Dear Sir,

I/ We have downloaded/ obtained the tender document(s) for the above mentioned Tender/ Work’ from the CPP Portal of www.eprocure.gov.in.

2. I/We have read and understood the provisions contained in the tender enquiry before submission of this tender and I/we agree that I/we shall abide by the terms and conditions. I/We have seen the corrigendum(s) issued from time- to-time by your department/ organisation and have taken the same into consideration while submitting this undertaking. I/We hereby unconditionally accept the tender conditions of above-mentioned tender document(s)/ corrigendum(s) in its totality/entirety.

3. This is to certify that I/we, before signing this affidavit, have read and fully understood all the terms and conditions including Special Terms and Conditions contained therein and undertake to abide by the said terms and conditions.

4. I/We have obtained a copy of the General Conditions of Contract and understood the provision contained therein before submission of this tender and I/we agree that I/we shall abide by the terms and conditions thereof as amended, if any, elsewhere in these tender documents.

5. I am the legal entity to sign and submit bid documents and have signed the bid security declaration form and will abide the same.

6. Details of the firm are given under: -

1.	Name of the Tenderer / Company (i.e Sole Proprietor or Partnership firm or a Company	
2.	Type of Organization (whether public Limited / Private Limited/ partnership/ Sole proprietorship) as per attached Proof	
3.	Date of Registration No. of years in Operation	
4.	Registered Address	

5.	Operational Address if different from above	
6.	Telephone No. Mobile No. Email id	
7.	PAN of Tenderer / Concerned (Self attested copy should be attached)	
8.	GST registration certificate (Self attested copy should be attached)	
9.	EPF & ESI Registration certificate No. (self attested copy should be enclosed)	
10.	Name of Proprietor / Partners/ Directors of the company/Firm	
11.	Any other additional information (optional)	

7. I/ we certify that all information furnished by our firm is true & correct and in the event that the information is found to be false/ incorrect/ untrue, then your department/ organization shall summarily reject the bid or terminate the contract without giving any notice or reason thereof and without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

**ACCEPTED BY**

**Date: -**

**Signature of Contractor or  
his Authorized Rep**

**DETAILS OF SIMILAR WORKS FOR PREQUALIFICATION CRITERIA**

The tenderer shall support this form by adequate documentary evidence in the form of certified copies of work orders and completion certificates. Each project should be supported with performance certificate as per Annexure –‘III(A)’ and certified by the Owner not below the rank of Executive Engineer or equivalent/Client for whom contractor executed the work.

Details of all similar works completed during last seven years ending last day of month previous to the one in which tenders are invited:

<b>Ser No</b>	<b>Particular</b>	<b>Work-I</b>	<b>Work-II</b>	<b>Work-III</b>
1.	Name of Work / Project & Location			
2.	Contract price as ordered (Rs.)			
3.	Actual Completion Cost (Rs.)			
4.	Date of award			
5.	Stipulated Date of Completion			
6.	Actual date of Completion			
7.	Extension of time (if any) granted with or without levy of compensation			
8.	Whether the proof of TDS by the owner attached. (Yes or No)			
9.	Performance certificate enclosed (Yes or No)			
10.	Details of the works under which contractor is seeking prequalification			
11.	Litigation / Arbitration Cases pending / in progress with details *			
12.	Employer' s / Owner' s Name			
13.	Employer' s Address: Telephone / Fax Number:			
14.	Name and address / telephone no. E-mail address: of officer (Employer's / Owners) to whom reference to be made (if required)			
15.	Remarks			

\*\*Indicate gross amount claimed and amount awarded by the Arbitrator

Signature of Bidder(s)

**PROFORMA FOR PERFORMANCE CERTIFICATE**

Name &amp; Address of the Client :

Details of Works executed by :

1	Name of work with brief particulars:	
2	Agreement No. and Date:	
3	Agreement Amount:	
4	Date of Commencement of work:	
5	Stipulated date of completion:	
6	Actual date of completion:	
7	Nature of Work	
8	Details of compensation levied for delay (indicate amount) if any:	
9	Gross amount of the work completed and paid:	
10	Name and address of the authority under whom works executed:	
11	Whether the contractor employed qualified Engineer/ Overseer during execution of work?	
12	Amt. of work paid on reduced rates, if any:	
13	i) Did the contractor go for arbitration?	
	ii) If, yes total amount of claim:	
	iii) Total amount awarded:	
14	Comment on the capability of the contractor (Indicate grading) :	
(a)	Quality of work	Outstanding / Very Good/ Good/ Poor
(b)	Technical Proficiency	Outstanding / Very Good/ Good/ Poor
(c)	Financial Soundness	Outstanding / Very Good/ Good/ Poor
(d)	Mobilization of adequate T&P	Outstanding / Very Good/ Good/ Poor
(e)	Mobilization of manpower	Outstanding / Very Good/ Good/ Poor
(f)	General behaviour	Outstanding / Very Good/ Good/ Poor

**Project Manager/ Estate Manager**  
(Signature with seal)

**Chief Construction Engineer (R&D)**

**PROFORMA FOR BID SECURITY DECLARATION FORM**

Date:\_\_\_\_\_ Tender No. \_\_\_\_\_ To \_\_\_\_\_  
(insert complete name and address of the purchaser)

I/We. The undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

2. I/We accept that I/We may be disqualified from bidding for any contract with you for a minimum period of one year from the date of notification if I am/We are in a breach of any obligation under the bid conditions, because I/We

- (i) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or
- (ii) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity(i) fail or reuse to execute the contract, if required, or (ii) failorre fuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

Signed:  
In the capacity of  
(insert legal capacity of person signing the Bid Securing Declaration)

Dated on \_\_\_\_\_ day of \_\_\_\_\_  
(insert date of signing)

Corporate Seal (where appropriate)

**Format for BG  
FORMAT OF BG (FORMAT FOR BANK GUARANTEE) FOR  
EARNEST MONEY DEPOSIT**

This deed of guarantee made on \_\_\_\_ day of \_\_\_\_\_ Two Thousand \_\_\_\_\_ between (Name of Banker) having its Registered office at. \_\_\_\_\_

(hereinafter referred to as the Surety) and President of India acting by and through Chief Construction Engineer(R&D) Special Maintenance, Mahanagar Palika Marg, Civil Lines, Nagpur – 440 001 (herein after referred to as the "OWNER").

WHERE AS M/s \_\_\_\_\_ (Contractor's name) hereinafter referred to as "CONTRACTOR" having their registered office at \_\_\_\_\_ is bound to deposit with the owner by way of Earnest money Rs \_\_\_\_\_ (Rs \_\_\_\_\_ only) in connection with their tender for \_\_\_\_\_ (name of work) with reference to "OWNER" tender enquiry No \_\_\_\_\_ dated \_\_\_\_\_

as per specifications and terms and conditions enclosed therein. Whereas the contractor as per clause No. 10 of invitation to tender has agreed to furnish a Bank Guarantee valid upto \_\_\_\_\_ (date) instead of deposit of earnest money.

**NOW THIS WITNESS**

That the surety in consideration of the above Tender made by the CONTRACTOR to the OWNER hereby undertakes to guarantee payment on demand to the owner of the said amount of Rs \_\_\_\_\_. which the contractor is bound to deposit with the OWNER by way of earnest money in connection with his tender.

Notwithstanding anything contained in the foregoing, the Surety's liability under the guarantee is restricted to Rs \_\_\_\_\_ (Rupees \_\_\_\_\_ only). The guarantee shall remain in force and affective up to and shall expire \_\_\_\_\_ and become ineffective on intimation there-of being given to the surety by the owner in which event this guarantee shall stand discharged.

This guarantee shall Not be affected by any change in the constitution of the OWNER, CONTRACTOR or the surety.

The OWNER shall be eligible to make any claim under this guarantee only if the contractor submitting the tenderer sales from the offer or modify the terms and conditions thereof in a manner Not acceptable to the OWNER or fail to sign the contract and deposit initial security deposit within 10 (Ten) days after the OWNER has advised the contractor the acceptance for (name of work) on mutually agreed terms and conditions. The OWNER's decision in this regard shall be final and binding.

The surety cannot revoke this guarantee during its currency except by the previous consent of the OWNER in writing.

Notwithstanding anything contained hereinabove unless a demand or claim under this guarantee is made on the surety in writing on or before the surety shall be discharged from all liabilities under this guarantee thereafter.

for and on behalf of

(Banker's Name)

**GENERAL CONDITIONS OF CONTRACTS AS APPLICABLE**

**TO**

**R&D CONSTRUCTION ESTABLISHMENTS**

“In lieu” page to

**GENERAL CONDITIONS OF CONTRACTS (GCC 2023)**

**(As Applicable)**

I/we hereby declare that I/we have seen, read and understood the aforesaid General Conditions of contracts (GCC-2023) applicable to R&D Construction Establishments (Page 1 to 127), referred to in the tender documents, a copy of which has been supplied to me/us and is in my/our possession, form part of the tender documents.

It is hereby agreed that I/ we shall be abide by all the conditions contained therein including Article - '42' pertaining to dispute resolution.

My/our signature here under is deemed to having seen, read and understood these documents before submission on the tender documents, although not enclosed here with a long with these tender documents, but shall be deemed as forming part of the tender and subsequently contract agreement, if accepted.

Signature of Bidder

Date:

**Calculation of Bidding Capacity  
Details of Existing Commitments and On-going works**

Name of the Firm / Bidder : \_\_\_\_\_

Name of Work : \_\_\_\_\_

Bidding Capacity of vendors shall be calculated as per the given below formula/ procedure:-

**Bidding Capacity = (A x N x 2) - B**

Where,

A = Maximum value of construction works executed in any one year during the last 05(Five) years taking into account the completed as well as works in progress.

N = Number of years prescribed for completion of work for which bids has 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..

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

Total (B) = Rs. \_\_\_\_\_

Maximum Turnover in last seven years = Rs. \_\_\_\_\_

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

No. Of years (N) = Rs. \_\_\_\_\_

Bidding capacity = {(AxNx2)-B}

**Certificate:-** I certify that all ]the awarded and ongoing work have been included in the above list.

**Signature (S) of BIDDER (S)  
(WITH STAMP)**

Net worth for the Financial Year 2024-2025 is (Rs. In Figure \_\_\_\_\_)

..... Signature, Name and designation of Auththorised Signatory For and on behalf of ..... (Name of the Applicant)	..... Name of the Statuary Auditor’s Firm/Chartered Account : _____ Signature :- _____ Seal of the Audit / Chartered Accountant Firm: Name of Signatory (in Capital): _____ Membership No. : _____ Firm Regn No. : _____ (Generated UDIN Number of Chartered Accountant is mandatory on this document)
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**Note:- All information sought w.r.t. firm / Chartered Accountant is mandatory**

**LIST OF APPROVED MAKE OF MATERIALS**

The materials of first/standard quality from the following approved makes or as specified in the particular item of work in Schedule of Quantity are to be used. In case it is established that the brands specified below are not available in the market, contractor shall submit alternative proposal for the approval of Engineer-in-Charge before procurement and the same shall be got approved from CCE(R&D)SM, Nagpur.

**LIST OF APPROVED MAKE OF MATERIALS FOR CIVIL WORKS**

<b>SR. NO</b>	<b>DESCRIPTION</b>	<b>APPROVED MAKES</b>
1	WATER COOLED/AIR COOLED CHILLER	CARRIER / VOLTAS / YORK / KIRLOSKAR / TRANE / DAIKIN
2	COOLING TOWER	ADVANCE / PAHARPUR / BALTIMORE / MARLEY
3	SPLIT / CASSETTE AC UNITS	DAIKIN / TOSHIBA / MITSUBISHI ELECTRIC / HITACHI / VOLTAS / PANASONIC
4	HOT WATER GENERATOR	RAPIDCOOL / ROSS
5	CHILLED / CONDENSER / HOT WATER PUMP WITH VFD	KIRLOSKAR / ARMSTRONG / GRUNDFOSS / KSB / ITT
6	EXPANSION TANK	ARMSTRONG / GRUNDFOSS / ITT / KD AGENCY / ANERGY
7	AIR SEPERATOR	ARMTROL / ANERGY / FLAMMCO / ARMSTRONG
8	MAGNETIC DESCALER	MAKES AS PER CHILLER OEM OR EQUIVALENT
9	AHU / HRW	DRI / ZECO / EDGETECH / NUTECH / DAIKIN
10	CHILLED WATER FAN COIL UNIT	BLUESTAR / MIDEA / BHUTORIA
11	FACTORY FABRICATED DUCTS	ROLASTAR / ZECO / ALPHA DUCT / RADIANT AIR SYSTEMS
12	G.I SHEETS	JINDAL / TATA / SAIL
13	ALUMINIUM FOIL	JINDAL / TATA
14	LINEAR GRILLE / LOUVERS	CARYAIRE / AIR MASTER / COSMOS / DYNACRAFT / AIR BREEZE / RAVISTAR
15	VOLUME CONTROL DAMPERS / FIRE DAMPERS / DAMPERS WITH BIRD SCREEN	CARYAIRE / AIR MASTER / COSMOS / DYNACRAFT / AIR BREEZE / RAVISTAR
16	ACTUATORS FOR FIRE DAMPERS	BELIMO / HONEYWELL / JOHNSON CONTROL
17	M.S PIPES	TATA / JINDAL
18	BUTTERFLY VALVE	ADVANCE / AUDCO / INTERVALVE / UNIVAS / CRAWLER & RAY / SANT
19	MOTORISED BUTTERFLY VALVE	BELIMO / HONEYWELL / SEIMENS / JOHNSON CONTROL / SCHNEIDER / ZOLOTO
20	BALL VALVE	ZOLOTO / RB / DANFOSS / JAYHIWA
21	2 WAY MODULATING VALVE	BELIMO / HONEYWELL / SAUTER / SIEMENS / ALERTON
22	BALANCING VALVE	CASTLE / ADVANCE / ARROW / HONEYWELL / SANT
23	POT STRAINER	EMERALD / SANT
24	Y STRAINER	EMERALD / SANT / DS ENGINEERING /
25	FLEXIBLE PIPE CONNECTORS	RESISTOFLEX / DUNLOP / CORI RUBBER / FLEXIONICS / V.H POLYMERS
26	NON RETURN VALVE	AUDCO / INTERVALVE / UNIVAS / CRAWLEY & RAY SANT

<b>SR. NO</b>	<b>DESCRIPTION</b>	<b>APPROVED MAKES</b>
27	AUTO AIR VENT	AMTROL / ANERGY / FLAMMCO / RAPID CONTROL / RB SANT
28	PRESURE GUAGE	FORBES MARSHALL / WAREE / EMERALD / BAUMER
29	TEMPERATURE GAUGE	FORBES MARSHALL / WAREE / EMERALD / BAUMER
30	ACOUSTIC INSULATION	ARMACELL / K -FONIC / SUPREME
31	NITRILE INSULATION / NITRILE RUBBER SLEEVES	SUPREME / ARMAFLEX / THERMOBREAK / K - FLEX
32	UNDER DECK INSULATION	TWIGA / OWEN CORNING / KIMMCO
33	G.I DRAIN PIPE	JINDAL / TATA / SAIL
34	C PVC PIPE	PRINCE / ASHIRWAD / ASTRAL
35	CABINET TYPE VENTILATION FAN	KRUGER / NICOTRA / COMEFRI
36	PROPELLER FAN	KRUGER / GREENHECK
37	M.S STRUCTURE	TATA / JINDAL / SAIL
38	FILTERS	KLENZAIDS / SPECTRUM / PYRAMID / EMW
39	FIRE RATED CANVASS CLOTH	MYSORE NANDI OR EQUIVALENT MAKE
40	FIRE RATED SEALANT	HILTI / DOW CORNING OR EQUIVALENT MAKE
	<b>ELECTRICAL ITEMS</b>	
41	SENSORS / DDC CONTROLLERS/BMS	BELIMO / JOHNSON CONTROL / DANFOSS / SEIMENS / HONEYWELL / DWYER
42	ELECTRICAL PANELS	L&T / SIEMENS / RIJ ELECTRICALS PUNE, /ENTRACO, NASIK
43	MCCB	SIEMENS / ABB
44	MPCB	SIEMENS / ABB
45	OVERLOAD RELAY WITH SINGLE PHASE PREVENTER	ABB / SIEMENS
46	CONTACTOR / STARTERS	SIEMENS / ABB
47	POWER CABLES	UNISTAR / NICCO / FINOLEX / KEI
48	CONTROL CABLES	DELTON / FINOLEX / KEI
49	PVC WIRES	FINOLEX / RR KABEL / KEI
50	CABLE TRAYS	MEK / PATNEY / INDIANA
51	GLANDS (DOUBLE COMPRESSED)	COMEX / COMET
52	LUGS	DOWELL

Note:-

- (i) All other items shall be of ISI marked as per approved sample kept at site of work.
- (ii) The contractor shall provide the materials as per the make or brand indicated above. When two or more alternatives/brands have been mentioned, the brand to be finally used shall be as decided by the Engineer-in-Charge.