



# TENDER DOCUMENT

IIMKASHIPUR/Works Deptt/NIT/25/2025-26 dated - 27.01.2026...  
Last date: - 06.02.2026 Time:- Up to 3:00 PM

Name of Work: -

# **NIT for “Supply and Installation of New VSD Logic Board in 350 TR YMC2 Model Chiller and Restoration of Chiller Functionality”.**

# **NOTICE INVITING TENDER**



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### **Name of Work: Supply and Installation of New VSD Logic Board in 350 TR YMC2 Model Chiller and Restoration of Chiller Functionality**

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## **INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR TENDERING**

The **IIM Kashipur** invites bids from approved and eligible contractors of CPWD/PWD in an appropriate class of **Specialized E&M Services** or PSU or Autonomous Institute etc. for the following work:

<b>NIT No</b>	IIMKASHIPUR/Works Deptt/NIT/25/2025-26 dated - 27.01.2026.
<b>Name of Work</b>	<b>Supply and Installation of New VSD Logic Board in 350 TR YMC2 Model Chiller and Restoration of Chiller Functionality</b>
<b>Location</b>	<b>Kundeshwari Road, IIM Kashipur (UK).</b>
<b>Estimated cost put to bid</b>	<b>₹ 24, 10, 060/-</b>
<b>Earnest Money</b>	<b>₹ 50, 000/-</b>
<b>Stipulated Period of Completion of work</b>	<b>1 Month</b>
<b>Last date of submission of bid and other documents as specified in the bid document.</b>	<b>Up to 15:00 Hrs on 06.02.2026.</b>
<b>Time and date of opening of Bid</b>	<b>15:30 Hrs on 06.02.2026</b>
Bids/queries to be addressed to	SAO (PURCHASE)
Postal address for sending the Bids	SAO (PURCHASE) INSTITUTE OF MANAGEMENT, KASHIPUR KUNDESHWARI, KASHIPUR, DIST. UDHAM SINGH NAGAR, UTTARAKHAND (INDIA) PIN – 244713  Website: <a href="http://www.iimkashipur.ac.in">www.iimkashipur.ac.in</a>
Name/Designation of the contact personnel	SAO (PURCHASE)

Telephone numbers of the contact personnel	91-7088270882,7900444090 / 321
e-mail ids of contact personnel	<a href="mailto:purchase@iimkashipur.ac.in">purchase@iimkashipur.ac.in</a>

1. Bids in sealed cover are invited under a **two-bid (2 Bid)** system from reputed, experienced, and financially sound parties. Please superscribe the outer cover of the sealed bid as “Tender for Supply and Installation of New VSD Logic Board in 350 TR YMC2 Model Chiller and Restoration of Chiller Functionality Installed in HVAC Plant, at IIM Kashipur”.
2. The Financial bids of only eligible and technically qualified bidders will be taken into account after the same has been ascertained by evaluation of the Bids by the Tender Opening Committee. Considering the urgency of the work, no requests for extending the deadline shall be considered.
3. Cost of Bid Document/ Tender Fee: NIL
4. **Issue of Tender:** The tender document can be downloaded from the Institute website - [www.iimkashipur.ac.in](http://www.iimkashipur.ac.in) or [eprocure.gov.in](http://eprocure.gov.in). Please keep visiting our website for any corrigendum/ amendments and submit the bid document accordingly.
5. **Manner of depositing the Bids:** Sealed Bids should be either dropped in the Tender Box placed at the Main Gate of IIM Kashipur or should be sent by registered post/courier at the address given above to reach by the due date and time. Late tenders will not be considered. No responsibility will be taken for postal/courier delay or non-delivery/non-receipt of Bid documents. Bids sent by FAX or e-mail will not be considered.
6. The NIT is to be signed on all the pages by the bidder. This NIT is being issued with no financial commitment. IIM Kashipur also reserves the right to withdraw the NIT, should it become necessary at any stage for withdrawing the NIT.
7. The Bidders may depute their representatives, duly authorized in writing, to attend the opening of Bids on the due date and time. This event will not be postponed due to the non-presence of your representative.
8. **Forwarding of Bids** – Bids should be forwarded by Bidders in a sealed envelope duly superscribed as stipulated above and this should contain a copy of the NIT document duly signed and stamped on each page along with Annexure-I of the NIT supported by demand drafts (EMD) and all the documentary proofs to establish eligibility and their potential of professional readiness for the work services.
9. **Modification and Withdrawal of Bids:** A bidder may modify or withdraw his bid after submission, provided that the written notice of modification or withdrawal is received by the IIM Kashipur before the deadline prescribed for submission of bids. A withdrawal notice should be on a signed confirmation copy to be sent by post or by email and such signed confirmation should reach the purchaser not later than the deadline for submission of bids. No bid shall be modified after the deadline for submission of bids. No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified. Withdrawal of a bid during this period will result in the bidder's forfeiture of bid security. Submission of bid means that the bidder has read all the terms and conditions of this Tender Documents carefully and will comply with them unconditionally. Conditional bids shall not be accepted.
10. **Rejection of Bids:** Canvassing by the Bidder in any form, unsolicited letter and post-tender

correction may invoke summary rejection with forfeiture of EMD.

11. **Validity of Bids:** The Bids should remain valid till **90 days** from the last date of submission of the Bids.
12. **Earnest Money Deposit (EMD):** Bidders are required to submit an EMD of the amount **Rs. 50,000/- (Rupees Fifty Thousand only)** along with their bids. The EMD may be submitted in the form of an Account Payee Demand Draft from any of the public sector banks or a private sector bank authorized to conduct government business payable **in favor of "Indian Institute of Management, Kashipur"** payable at Kashipur. EMD is to remain valid for forty-five days beyond the final bid validity period. EMD of the unsuccessful bidders will be returned to them at the earliest after the expiry of the final bid validity and latest on or before the 90<sup>th</sup> day after the award of the contract. The EMD of the successful bidder would be returned, without any interest whatsoever, after the receipt of the Performance Guarantee from them as called for in the contract. The EMD will be forfeited if the bidder withdraws, or amends impairs or derogates from the tender in any respect within the validity period of their tender.
- a. **Security Deposit:** The Bidder will be required to furnish a Security Deposit by way of Demand Draft through a public sector bank or a private sector bank authorized to conduct government business for a sum equal to 2.5% of the contract value within 30 days of receipt of the confirmed order. EMD shall be released after receiving a Security deposit from the successful bidder or will be deducted from bills.
13. The Security Deposit shall be released after the completion of the defect liability period to this Contract based on the "Completion Certificate" issued by IIM KASHIPUR stating that the Bidder has completed the work in all respects, satisfactorily.
14. **Payment Terms** - Payments will be made through ECS/ NEFT/RTGS after submission of the ink-signed bills for the completed services. Taxes like GST etc. will be paid as per Govt. norms. No advance payment(s) will be made. On receipt of the Final payment, the bidder shall furnish a "No Claim Certificate" to IIM Kashipur.
15. The bidder should read all the instructions, terms & conditions, contract clauses, nomenclature of items, specifications, etc., contained in the bid document carefully, before quoting the rates.
16. General Conditions of Contracts **CPWD-2023 (GCC CPWD-2023)** for Maintenance Works (Amended up to date) published by D.G. CPWD, Nirman Bhawan, New Delhi-110011 shall be the (form) part of the Agreement.
17. The bidder shall quote his rates for the specifications, terms & conditions, additional and special conditions etc. and nothing extra shall be payable.
18. The contractors are advised to visit the site of work to have an idea of the execution of the work; failure to do so will not absolve their responsibility to do the work as specified.
19. The rates quoted by the contractor should be based on on-site inspection. No extra cost is allowed in the said job in case of variations.
20. The contractor shall follow standard operating procedures and guidelines for covid-19 outbreak as applicable at the time of work and nothing extra shall be payable on this account.
21. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
22. The bid document consisting of the schedule of quantities to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and

downloaded from the website <http://www.iimkashipur.ac.in> free of cost. But the bid can only be submitted after submitting the **Declaration on EMD in the given format. (Form-G)** and other documents as specified.

23. Contractor to Print and submit the documents with Bid.
24. Contractor must ensure to quote a rate. The column is meant for quoting rate in figures and the moment rate is entered.

**However, if a tenderer quotes nil rates against item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section/subheading percentage rate tender, the tender shall be treated as invalid and will not be considered as a lowest tenderer.**

**List of Documents to be within the period of bid submission:**

- i. *Copy of Declaration on EMD in the given format. (Form-G)*
- ii. *Enlistment order of the contractors of CPWD/PWD in an appropriate class of Specialized E&M Services or working in any central Govt. or State Govt. department or PSU or Autonomous Institute etc.*

*OR*

*Work Completion certificates*

- iii. *GST registration certificate if already obtained by the bidder.*  
*"If work is awarded to me, I/we shall obtain GST registration certificate, as applicable, within one month from the date of receipt of the award letter or before the release of any Payment by IIM Kashipur, 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 IIM or GST department in this regard".*

**25. ELIGIBILITY CRITERIA**

The firm participating in the bid submission should satisfy the following criteria

1. *Enlistment order of the contractors of CPWD/PWD in an appropriate class of Specialized E&M Services or working in any central Govt. or State Govt. department or PSU or Autonomous Institute etc.*

*OR*

Bidders having 10 years working experience as an ex-employee of reputed OEMs such as York, Voltas, Carrier, Daikin, etc., and possessing hands-on experience with chillers of capacity above 300 TR, may be considered eligible, subject to approval of the Competent Authority.

*OR*

*The Bidder shall have satisfactorily completed following works (any one option out of three options given hereunder):-*

**Options Eligibility Criteria: -**

**Option-1** Three similar works each of value not less than 40% of the ₹ 24, 10, 060/-.

**Option-2** Two similar works each of value not less than 60% of the ₹ 24, 10, 060/-.

**Option-3** One similar work of value not less than 80% of the ₹ 24, 10, 060/-.

2. *Similar work shall mean Repairing of Chiller, having 280 TR or above capacity in State/Central Govt./Autonomous/ PSU/ reputed Private organization" executed in India.*
3. *Bidder should not be blacklisted by any State/Central Govt. Department or PSU or Autonomous bodies. The Bidder must submit a duly Sign declaration to this effect. Applications received without this declaration in original shall stand automatically rejected.*
4. *The value of works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum: calculated from the date of completion to last date of receipt of bid for technical documents.*
5. *Joint Ventures and consortium are not allowed to bid.*

#### ***Essential Submissions and Information***

- i. *The bidder shall provide copies of work orders as documentary proof for having executed similar works. However, decision with regard to eligibility of the Bidder will be taken by the Institute, only after necessary documents provided by the Bidder have been examined.*
- ii. *The Bidder's performance for the work completed in the last seven years on the basis of which it qualifies, shall be provided by the bidder from its customer.*
- iii. *The Bidder will be required to give an **undertaking** that it would comply with all statutory laws and compliances, including those applicable to the subcontractors appointed by him and indemnify the Institute of all implications and consequences resulting from any non-compliances due to any reasons whatsoever.*

#### ***Evaluation Criteria For Technical Qualification***

For the purpose of qualification, Bidders will be evaluated in the following manner:

- i. *The initial criteria prescribed above in respect of experience of similar works completed, financial turn over, etc. will first be scrutinized together with essential submissions and information and the Bidder's eligibility for technical qualification for the work shall be determined. Only those Bidders who meet the eligibility criteria, above shall qualify and all other bids shall automatically stand disqualified.*
- ii. *Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and 2 / 6 its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded*

*along with the bid in respect of the offered product or service and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1 + 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 100% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 OM\_No.1\_4\_2021\_PPD\_dated\_18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.*

### ***Evaluation Criteria For Financial Bids***

- i. Financial bids of the technically qualified bidders shall only be considered.
- ii. The work shall be awarded on total package basis to L-1 bidder only.

### **Submission of Bid**

Each bidder is requested to submit only one bid in the following three Envelopes:-

#### **i. Envelope –I (Technical Bid)**

- (a) *Bid processing fee.*
- (b) *Earnest Money Deposit (EMD).*
- (c) *Technical qualification documents with filled-in forms in original with its one copy.*
- (d) *Complete tender document with un-priced bill of quantity, corrigendum, addendum, reply to bidder's queries (if any), duly signed and stamped by the bidder showing its acceptability towards it.*
- (e) *Declaration in line with point no. 1 and 4 shown above*

#### **ii. Envelope –II (Financial Bid)**

Containing Bill of quantity with duly quoted rates for each item in **one original with its one copy**. It should be without any condition as conditional offers will be summarily rejected. Rates provided in hard copy duly signed and stamped shall prevail over rates provided in soft copy.

#### **iii. Envelope –III (Bid)**

1. *Containing envelope No. I and II The two envelopes (I & II) shall be kept in a III sealed envelope duly marked with the Name of Bidder and mentioning the documents contained in each of the Envelopes I and II.*
2. *In case Envelope –I is not annexed or documents submitted in it is not found in proper form, the Bid shall not be evaluated.*
3. *Envelopes no. III & I will be opened on ..... Envelope No. III shall be opened in presence of those bidders who choose to be present on the date and time as intimated to all prospective bidders who are participating in bidding process. During the opening of envelope-I, the name of bidder who have submitted its offer along with details of EMD and bid processing fee will only be read out and NO other information / details whatsoever will be*

*read out. The date of opening of envelope No. II shall be informed to all such bidders who are technically qualified.*

4. *Envelope no. 3 shall super-scribed with the name of work, name & phone nos. of bidder and due date of opening. The bids shall be received upto 03:00 PM in the Tender Box at main gate of Indian Institute of Management, Kashipur. Those desirous of submitting the bid through post may do so subject to the condition that IIM Kashipur shall not be responsible for postal delay and bids received after 03:00 PM on 06.02.2026 will be treated as delayed and will not be entertained. Annexure –*
5. *All the applications received upto 03:00 PM on 06.02.2026 will be opened on the same day at 03:30 in presence of bidder's authorised representative (maximum 2 nos. per bidder) whoever intends to attend.*
6. *Bids submitted in connection with notice will be treated confidential and will not be return under any circumstances.*
7. *Any queries related to this document may be submitted latest by 06.02.2026 to SAO (Purchase), Indian Institute of Management, Kashipur. The pre-bid meeting shall be held at the Institute on 06.02.2026 at 03:00 Hours to resolve the bidder's queries for which maximum two representatives per bidder is allowed to attend. In-addition, the reply to the queries shall be uploaded over the IIM website <http://www.iimkashipur.ac.in/index.php/en/tenders>. Bidders may request clarification, in writing (email or telephonic enquires will not be entertained), of the project requirement and bid document. IIM Kashipur reserves its right to not reply to any irrelevant query, as may deemed suitable by it. Also, the Institute is not bound to reply to any query received after the pre-bid meeting.*

**Signature of the SAO (Purchase),  
For and on behalf of the IIM Kashipur**

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## Brief Scope of work

**Supply and Installation of New VSD Logic Board in 350 TR YMC2 Model Chiller and Restoration of Chiller Functionality**

### Detail of Equipment

Sr. No.	Description	Make	Model No.	Qty
1.	Centrifugal Chiller 350 TR YMC2 Model	York	YKCDCSQ55E1G	1 Nos.

### SCOPE OF WORK

The Scope of work as mentioned below are the minimum expected from the firm / agency / contractor apart maintenance manuals of respective equipment and as per good engineering practices will be required to be done under this scope of work. Successful bidder will make Performa for recording the following minimum work schedule / parameters and show to NIT to ensure proper accomplishment of these tasks.

#### Part – A

##### Conventional cooling chiller (1 Nos, 350 TR respectively)

1. *Physical checking of the Chiller and report for any abnormality found in detailed cause & remedy.*
2. *Checking the parameters of Chiller from its control Panel and providing the details if any abnormality found.*
3. *Supply of new VSD Logic Board (York Make), Part Code : 331-02506-602 (as provided by OEM) or 031-02506-002 Rev\_J (existing installed) including providing the necessary accessories, screw, nut, connector and any wiring modification required to make Chiller functional including board calibration and programming.*
4. *Removing of faulty VSD Logic Board and Installation of new VSD Logic Board including fixing of required accessories, connector, wiring etc.*
5. *Vendor to provide any software / hardware if required for any upgradation of the system to make the Chiller Functional, without any additional cost.*
6. *Vendor to provide required manpower including its Service Engineer. No additional payment other than the offered price shall be payable.*
7. *Vendor to give 24 hrs performance test and system shall be kept at one week trial before making the final payment.*
8. ***Minimum warranty of VSD Logic Board is 1 year.***

## Part – B

### Scope of work for VSD and IGBTs Cleaning and Testing before installation of logic cards:-

#### 1. Tests & Checks BEFORE and AFTER the Replacement of Logic Card :-

##### ***A. Tests & Checks BEFORE Replacement of Logic Card***

###### **1. Safety & Power Checks**

- Switch OFF main power supply and control power.
- Ensure LOTO (Lock-out / Tag-out) is followed.
- Verify control voltage (typically 24V AC/DC as per YORK model).
- Check earthing/ground continuity.

###### **2. Fault Diagnosis & Documentation**

- Note active alarms/fault codes displayed on HMI.
- Record chiller operating parameters:
  - Chilled water inlet/outlet temperature
  - Condenser water inlet/outlet temperature
  - Suction & discharge pressure
  - Compressor status and loading %
- Save/record set points and configuration parameters (if accessible).

###### **3. Sensor & Field Device Checks**

- Check resistance/reading of:
  - Chilled water temperature sensors
  - Condenser water temperature sensors
  - Ambient / oil temperature sensors
- Check pressure transducers (LP/HP) for abnormal readings.
- Verify flow switches (chilled & condenser water).
- Check safety interlocks:
  - HP cut-out
  - LP cut-out
  - Oil differential pressure switch
  - Freeze protection thermostat

###### **4. Wiring & Peripheral Checks**

- Inspect control wiring harness for:
  - Loose connections
  - Burnt terminals
  - Moisture or corrosion
- Check relays, contactors, and fuses linked to logic card.
- Confirm communication cables (if networked/BMS connected).

##### ***B. Tests & Checks AFTER Replacement of Logic Card***

###### **1. Power-Up & Initialization Tests**

- Restore control power only and check:
  - Logic card boots normally
  - No immediate fault/alarm
- Load correct software/firmware version (if applicable).
- Enter and verify:
  - Set points
  - Capacity control parameters
  - Safety limits

- Timer and delay settings

## 2. I/O & Sensor Validation

- Verify live readings on display:
  - Chilled water temp
  - Condenser water temp
  - Suction/discharge pressure
  - Oil pressure
- Cross-check readings with:
  - Thermometer
  - Pressure gauges
- Perform I/O test mode (if available):
  - Relay output checks
  - Solenoid valve operation
  - Compressor start command response

## 3. Interlock & Safety Testing

- Check operation of:
  - Flow switches (simulate no-flow condition)
  - HP & LP safety trips
  - Oil differential pressure trip
  - Freeze protection
- Verify alarm generation and reset functionality.

## 4. Functional & Performance Tests

- Start chiller in manual/auto mode.
- Observe:
  - Smooth compressor start
  - Proper loading/unloading
  - No nuisance trips
- Check:
  - Chilled water temperature pull-down
  - Stable condenser pressure
  - Oil pressure within limits
- Run chiller for at least 1–2 hours under load.

## 5. Communication & Integration Tests

- Check:
  - BMS communication (BACnet/Modbus/LON, if applicable)
  - Remote start/stop
  - Alarm feedback to BMS

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## C. Final Documentation & Handover

- Record:
  - Old card fault details
  - New card part number & serial number
  - Test results
- Update maintenance logbook.
- Obtain trial run / commissioning sign-off.

## 2. Tests & Checks of VSD BEFORE and AFTER the Replacement of Logic Card :-

### A. TESTS BEFORE REPLACEMENT OF LOGIC CARD (Including VSD)

#### i.) Electrical & Safety Checks

- Main power supply OFF, LOTO applied.
- Verify:
  - Incoming voltage & phase sequence at VSD incomm

- Control supply voltage (24V AC/DC)
- Earthing continuity for chiller & VSD panel
- Check all control and power fuses (logic card & VSD).

#### ***ii.) VSD Visual & Health Check***

- Inspect VSD for:
  - Fault/alarm indications
  - Burnt smell, dust, moisture
  - Cooling fan operation
- Record any active or historical VSD fault codes.

#### ***iii.) Parameter & Setpoint Backup***

- Record / backup:
  - Chiller set points
  - VSD parameters:
    - Min / max frequency
    - Acceleration & deceleration time
    - Current limit
    - Motor rated voltage, current, RPM, kW
- Note control mode:
  - Analog (0–10V / 4–20mA) or
  - Digital / communication (Modbus, BACnet).

#### ***iv.) Motor & Power Circuit Tests***

- Motor insulation resistance (IR) test (Megger):
  - Phase-to-phase
  - Phase-to-earth
  - (Minimum 1 MΩ recommended)
- Check motor terminals & VSD output cables.
- Verify bypass contactor (if provided).

#### ***v.) Control & Feedback Signal Checks***

- Verify signals between logic card & VSD:
  - Start/Stop command
  - Speed reference signal
  - Run feedback
  - Fault feedback
- Check pressure & temperature sensors influencing VSD speed.

### **B. TESTS AFTER REPLACEMENT OF LOGIC CARD (Including VSD)**

#### ***i.) Power-Up & Communication Test***

- Energize **control power first**.
- Confirm:
  - Logic card boots normally
  - No logic/VSD communication alarm
- Verify communication link:
  - Hardwired analog signal or
  - Modbus/BACnet/LON communication status.

#### ***ii.) VSD Parameter Verification***

- Confirm VSD parameters match motor & chiller design:
  - Rated motor voltage & current
  - Max & min frequency

- Speed ramp up/down time
- Torque & current limit
- Confirm **direction of rotation** (initial start).

**iii.) I/O & Signal Validation**

- Check live display values:
  - VSD output frequency (Hz)
  - Motor current (A)
  - Motor voltage (V)
- Compare commanded speed vs actual speed.
- Verify:
  - Start command from logic card
  - Speed modulation based on load
  - Fault feedback correctly displayed.

**iv.) Functional VSD Tests**

- Perform no-load start test:
  - Smooth acceleration
  - No abnormal vibration or noise
- Gradually increase load and verify:
  - Speed increase/decrease
  - Stable current draw
- Test minimum & maximum speed limits.

**v.) Protection & Interlock Tests**

- Simulate:
  - HP trip → verify VSD stops immediately
  - Flow switch trip → VSD shutdown
  - Logic card trip → VSD fault / stop
- Verify:
  - Emergency stop operation
  - Restart logic & time delays

**vi.) Performance & Load Test**

- Run chiller for 1–2 hours under load.
- Observe:
  - Compressor current vs frequency
  - Chilled water pull-down
  - No VSD over-current / over-voltage alarms
- Check harmonic filter / line reactor temperature (if installed).

**vii.) BMS & Remote Control Test**

- Verify:
  - Remote start/stop
  - Speed feedback to BMS
  - Alarm indication at BMS end

**C. FINAL DOCUMENTATION & HANDOVER**

- Record:
  - Logic card & VSD make/model/serial no.
  - Parameter verification checklist
  - Trial run readings
- Update O&M logbook.
- Obtain trial run / commissioning completion certificate.

### 3. Tests & Checks IGBTs BEFORE and AFTER the Replacement of Logic Card :-

#### \*\*A. TESTS BEFORE LOGIC CARD REPLACEMENT

(INCLUDING VSD, IGBT, CAPACITORS, SCR & SNUBBER CIRCUITS)

##### i.) ***Safety & Isolation***

- Main incomer OFF, LOTO applied.
- Discharge DC bus completely (wait manufacturer-recommended time).
- Confirm DC bus voltage = 0 V before touching VSD.

##### ii.) ***Visual & Physical Inspection (VSD Power Section)***

- Inspect:
  - IGBT modules for cracks, burn marks, discoloration
  - DC bus capacitors (electrolytic / film) for:
    - Bulging
    - Oil leakage
    - Swelling or ruptured vents
  - SCR / soft-charge section for overheating
  - Snubber capacitors & resistors for charring or loose mounting
- Check cooling:
  - Heat sink cleanliness
  - Cooling fans operation
  - Thermal grease condition (if accessible)

##### iii.) ***Electrical Testing – Power Components***

###### a) **IGBT Tests**

- Perform diode test (multimeter) across IGBT terminals:
  - Collector-Emitter forward/reverse check
- Check for:
  - Short circuit
  - Leakage or open condition*(Values should be symmetrical across phases)*

###### b) **DC Bus Capacitors**

- Measure:
  - Capacitance value (LCR meter if available)
  - ESR (Equivalent Series Resistance)
- Verify:
  - DC bus capacitor balancing (for series-connected banks)
- Insulation resistance test (as per OEM limits).

###### c) **SCR / Pre-Charge Circuit**

- Test SCR gate resistance & forward blocking.
- Verify:
  - Pre-charge resistors
  - Contactor / relay operation
- Check for delayed or failed DC bus charging history.

###### d) **Snubber Circuit (RC Network)**

- Inspect snubber capacitors:
  - Value & physical condition

- Check snubber resistors for:
  - Open / short
  - Overheating signs
- Ensure tight connections to IGBT/SCR terminals.

#### **iv.) Control & Signal Interface Checks**

- Verify logic card to VSD signals:
  - Firing pulse references
  - Speed command
  - Fault feedback
- Check isolation between:
  - Control section
  - Power section (optocouplers / isolation cards)

## **B. TESTS AFTER LOGIC CARD REPLACEMENT**

(INCLUDING POWER ELECTRONICS)

#### **i.) DC Bus Charging & Soft-Start Test**

- Energize incommuter and observe:
  - Smooth DC bus voltage rise
  - No over-voltage or charging fault
- Measure:
  - DC bus voltage symmetry
  - Charging time within OEM limits

#### **ii.) IGBT Switching & Thermal Tests**

- Start compressor at **minimum frequency**:
  - No abnormal noise
  - Smooth waveform (if oscilloscope available)
- Check:
  - Phase current balance
  - Switching stability
- Monitor IGBT heat sink temperature:
  - Temperature rise within limits
  - Uniform across phases

#### **iii.) Capacitor Performance Under Load**

- Observe DC bus ripple voltage.
- Verify:
  - No abnormal heating
  - No voltage imbalance
- Check capacitor bank temperature after 1 hour run.

#### **iv.) SCR & Snubber Functional Tests**

- Confirm:
  - SCR turns OFF after pre-charge stage
  - Main contactor picks up correctly
- Check snubber circuit effectiveness:
  - No voltage spikes / nuisance trips
  - Stable IGBT operation

#### **v.) Protection & Trip Testing**

- Verify VSD protection for:

- Over-current
- DC bus over-voltage / under-voltage
- IGBT over-temperature
- Simulate trips and confirm:
  - Proper shutdown
  - Correct alarm displayed on logic card

**vi.) *Performance & Endurance Run***

- Run chiller at:
  - Low load
  - Part load
  - Near full load
- Observe:
  - VSD current vs frequency
  - Power factor & harmonics (if meter available)
  - No abnormal alarms

**C. FINAL DOCUMENTATION & HANDOVER**

- Record:
  - IGBT module part numbers
  - Capacitor ratings & test results
  - SCR/snubber inspection status
- Attach:
  - DC bus voltage trend
  - Trial run data
- Obtain **final commissioning / acceptance sign-off.**

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## **DEVIATION SHEET**

(Deviation/ additions from tender conditions may be mentioned clearly giving clause no of items, page no and Annexure no. to co-relate. Major deviations may cause rejection of tender. More sheets can be added if required).

S.N.	Item No. & Page No.	Details of Departure	Reason for Departure

*Seal & Signature of the Tenderer*

**NOTE:** Where there is no deviation, the statement should be returned duly signed with an endorsement indicating **“No Deviations”**.

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## PART – A

**NOTICE INVITING TENDER, TENDER FORM, SCHEDULES - A TO F FOR MAJOR COMPONENT OF WORK AND STANDARD GCC FOR (Construction Maintenance) AMENDED/ MODIFIED UP TO LAST DATE OF TENDER SUBMISSION**



## **CPWD-6 FOR TENDERING**

1. **Item Rate bids** are invited on behalf of IIM Kashipur from approved and eligible contractors of CPWD in the appropriate class of Specialized E&M Services for the work of **SUPPLY AND INSTALLATION OF NEW VSD LOGIC BOARD IN 350 TR YMC2 MODEL CHILLER AND RESTORATION OF CHILLER FUNCTIONALITY.** *The Enlistment of the contractors in CPWD/PWD should be valid on the last date of submission of bids or working in any central Govt. or State Govt. department or PSU or Autonomous Institute etc. In case the last date of submission of a bid is extended, the enlistment of the contractor should be valid on the original date of submission of bids.*
  - 1.1. The work is estimated to cost **Rs. ₹ 24,10,060/-**. This estimate, however, is given merely as a rough guide.
    - 1.1.1. The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the bids. He will also nominate the Division, which will deal with all matters relating to the invitation of bids.  
For composite bid, besides indicating the combined estimated cost put to bid, should indicate the estimated cost of each component separately. 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 prescribed Form No. **CPWD 7 (Annexure – )** (or other Standard Form as mentioned) which is available as a Govt. of India Publication and also available on the website [www.cpwd.gov.in](http://www.cpwd.gov.in). Bidder 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 **1 Month** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, by the phasing, if any, indicated in the bid documents.
4. **The site for the work is available.**
5. The bid document consisting of 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 for the Standard General Conditions of Contract Form can be seen from website <http://www.iimkashipur.ac.in/> free of cost.
6. *Copy of Declaration on EMD in the given format. (Form-G) instead of EMD shall be submitted to the IIM Kashipur by the intending bidder up to the specified bid submission date and time. Copy of Enlistment Order and other documents as specified in the bid document shall be printed to the tendering within the period of bid submission.*  
*However, certified copies of all the documents as specified in the bid document shall have to be submitted by the lowest bidder only along with a Declaration on EMD in the given format. (Form-G) instead of EMD submitted within a week physically in the office of tender opening authority. bid documents submitted by intending bidders shall be opened only by those bidders, whose Declaration on EMD is in the given format. (Form-G) instead of EMD and other documents are found in order The bid submitted shall be opened at 03:30 PM on 06.02.2026.*

7. *The bid submitted shall become invalid and the tender processing fee shall not be refunded if:*
  - (i) **The bidder is found ineligible.**
  - (ii) **The bidder does not submit copies of all the documents (including GST registration OR Undertaking instead of GST registration) as stipulated in the bid documents including the copy of the Declaration on EMD in the given format. (Form-G) in lieu of EMD. (EMD Exemption: The bidder is an MSME-registered vendor and is therefore exempted from submission of EMD as per applicable government procurement guidelines.)**
  - (iii) If any discrepancy is noticed between the documents as submitted at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of bid opening authority.
  - (iv) If a tenderer quotes nil rates against each item-on-item rate tender or does not quote any percentage above/below on the total amount of the tender or any section/sub-head in percentage rate tender, the tender shall be treated as invalid and will not be considered as the lowest tenderer.
8. *The contractor whose bid is accepted will be required to furnish a performance guarantee of 5% (Three Percent) of the accepted tendered amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case the guaranteed amount is less than Rs. 10,000/-) or Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any Scheduled Bank (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the by In case the Bidder fails to deposit the said performance guarantee within the period as indicated in schedule 'F' including the extended period if any, the tender shall be canceled and tenderer shall be suspended for one year and shall not be eligible to bid for IIM tenders from date of issue of the suspension order.*  
*The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/registrations or proof of applying for obtaining labor licenses, registration with EPFO, ESIC, and BOCW Welfare Board including Provident fund code no. if applicable*
9. *Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidder 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 IIM Kashipur and local conditions and other factors having a bearing on the execution of the work.*
10. The competent authority on behalf of the IIM Kashipur 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 conditions are not fulfilled or any condition including that of the conditional rebate is put forth by the bidders shall be summarily rejected.
11. *Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable to rejection.*
12. The competent authority on behalf of the IIM Kashipur reserves to himself the right of accepting the whole or any part of the bid and the bidder shall be bound to perform the same at the rate quoted.

13. The contractor shall not be permitted to bid for works in the IIM Kashipur, responsible for award and execution of contracts, in which his near relative is posted a Director/ Dean/ CAO/ FA cum CAO or as an officer in any capacity between the grades of Junior Engineer and above. 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 officer in IIM Kashipur. Any breach of this condition by the contractor would render him liable to be banned from working in IIM.
14. No Officer employed in the IIM Kashipur is allowed to work as a contractor for one year after his retirement and retirement service, without the previous permission of the IIM Kashipur in writing. This contract is liable to be canceled if either the contractor or any of his employees is found any time to be sat such a person who had not obtained the permission of the IIM Kashipur as aforesaid before submission of the bid or engagement in the contractor's service.
15. The bids for the work shall remain open for acceptance for a period of **Ninety (90) days** from the date of opening of bids further.
  - (i) *If any tenderer withdraws his tender or makes any modification in the terms and conditions of the tender which is not acceptable to the department, after the last date of submission of bid, then the IIM Kashipur shall, without prejudice to any other right or remedy, be at liberty to suspend tenderer for one year and shall not be eligible to bid for IIM Kashipur tenders from date of issue of the suspension order.*
16. This notice inviting Bids 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:
  - (i) 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.
17. Standard **CPWD Form-7**, The bid document will include the following three components:
 

**Part A:** CPWD-6, CPWD-7 including schedule A to F for Major components of the work and Standard General Conditions of Contract for **CPWD-2023 (Maintenance work)** as amended/ modified up to the last date of submission of a bid.

**Part B:** General/Special Conditions, Specification, and Schedule of Quantities applicable to Major components of the work.

**Part C:** Schedule A to F for minor components of the work. (*Competent authority under clause 2 and clause 5 shall be the same authority as mentioned in schedules A to F for major components*). General/Specific conditions, Specifications, and Schedule of Quantities applicable to Minor component(s) of the work.

  - i. *The eligible bidders shall quote rates for all items of major components as well as for all items of minor components of work.*
  - ii. *After acceptance of the bid by the competent authority, the Store and Purchase officer in charge of major components of the work shall issue a letter of award on behalf of the IIM Kashipur. After the work is awarded, the main contractor will have to enter into one agreement with Store and Purchase officer in charge of major components. EE of major components will operate part A and part B of the agreement.*
  - iii. *Entire work under the scope of the composite bid including major and all minor components shall be executed under one agreement.*

- iv. *Security Deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of work.*
- 18. ***The composite work shall be treated as complete when all the components of the work are complete. The completion certificate of the composite work shall be recorded by the Engineer-in-charge/ Store and Purchase officer of major components after record of the completion certificate by the Engineer-in-charge of all other minor components.***
- 19. *The final bill of the whole work shall be finalized and verified by Engineering IN charge.*

Signature of the Store and Purchase officer,

**For and on behalf of IIM**

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## **INDIAN INSTITUTE OF MANAGEMENT, KASHIPUR**

### **PERCENTAGE/ RATE TENDER & CONTRACT FOR WORKS**

**Tender for the work of “SUPPLY AND INSTALLATION OF NEW VSD LOGIC BOARD IN 350 TR YMC2 MODEL CHILLER AND RESTORATION OF CHILLER FUNCTIONALITY”.**

To be uploaded by **15:00 hrs. on 27.01.2026** on website: [www.iimkashipur.ac.in](http://www.iimkashipur.ac.in)

**(i)** To be opened in the presence of tenderers who may be present at **15:30 hrs. on 06.02.2026** -at the Main gate - **IIM Kashipur, Uttarakhand.**

### **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 the contract, Special conditions, Schedule of Rate & other documents and rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the IIM Kashipur within the time specified in Schedule 'F' viz., schedule of quantities and in accordance in all respect with the specifications, designs, drawing and instructions in writing referred to in Rule-1 of General Rules and Directions & in clause 11 of the Conditions of Contract and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for **Ninety (90) days** from the date of its opening and not to make any modifications to its terms and conditions.

If I/We fail to furnish the prescribed performance guarantee within the prescribed period, then I/we shall be suspended for one year and shall not be eligible to bid for IIM Kashipur tenders from the date of issue of the suspension order. Further, if I/We fail to commence work as specified, I/We agree that IIM Kashipur or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely, the said performance guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those over that limit at the rates to be determined in accord by vision contained in clause 12.2 and 12.3 of the tender form.

Further, I/We agree that in case of forfeiture of Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work. I/we undertake and confirm that eligible similar work(s) has/have not been executed through another agency on a back-to-back basis. Further, that, if such a violation comes to the notice of the Department, then I/we shall be debarred for tendering in IIM Kashipur in the future forever. Also, if

such a violation comes to the notice of the Department before the date of start of work, the Engineer-in-charge shall be free to forfeit the entire amount of the 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 authorized to communicate the same or use the information in any manner prejudicial to the safety and integrity of the State.

**Dated:**

**Signature of Contractor**

**Postal Address:**

**Witness:**

**Address:**

**Occupation:**

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**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 IIM Kashipur for a sum of Rs.....(Rupee.....).

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

- (a) .....
- (b) .....
- (c) .....

(For & on behalf of IIM Kashipur)

Dated: .....

Signature.....

Designation.....

----- \* \* \* \* -----

## **PROFORMA OF SCHEDULES: A TO F**

### **SCHEDULE 'A'**

Schedule of quantities: (for Civil Works: As per sheets attached)

### **SCHEDULE 'B'**

Schedule of materials to be issued to the contractor: - Nil

### **SCHEDULE 'C'**

Tool and plants to be hired to the contractor: - Nil

### **SCHEDULE 'D'**

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

### **SCHEDULE 'E'**

**Reference to General Conditions of Contract:** General Conditions of Contract-2023 (Maintenance works) as amended/modified up to the last date of submission of Tenders.

**Name of Work: SUPPLY AND INSTALLATION OF NEW VSD LOGIC BOARD IN 350 TR YMC2 MODEL CHILLER AND RESTORATION OF CHILLER FUNCTIONALITY**

**Estimated cost of work:      Total Estimated cost: ₹ 24, 10, 060/-**

(i)	Earnest Money	₹ 50, 000/- (to be returned after receiving performance guarantee)
(ii)	Performance Guarantee	<b>5% of the tendered value</b>
(iii)	Security Deposit	<b>2.5% of the tendered value</b>

### **Special Condition of Contract**

General

1. The contents of special conditions take precedence over the general 'Clauses of Contract.'
2. If the lowest bid is seriously unbalanced or front-loaded in the opinion of the institute, the institute may require the bidder to produce a detailed price analysis for any or all items of the bill of quantities to demonstrate the internal consistency of those prices with the construction method and schedule proposed. After evaluation of the price analysis the institute may require that the performance bank guarantee be increased at the expense of the bidder to a level sufficient to protect the institute against financial loss in the event of default of the successful bidder under the contract.
3. The following clauses of the contract under the "Conditions of contract" are amended as under:

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## Schedule – F

### GENERAL RULES & DIRECTIONS:

Officer Inviting Tender      The Director, IIM Kashipur,  
 Kundeshwari, Kashipur,  
 Dist. Udham Singh Nagar,  
 Uttarakhand,

Definitions:-		
2 (V)	Engineer-in-Charge	The Executive Engineer (Civil), IIM Kashipur
2 (Viii)	Accepting Authority	The Director, IIM Kashipur,
2 (X)	Percentage of cost of material and labor to cover all overheads and profits	15%
Clause 1		
	Time allowed for submission of a performance guarantee from the date of issue of letter of acceptance	7 Calendar days
	Maximum allowable extension with late fee @ 1% per day of Performance Guarantee amount beyond the period provided in (i) above (1-15 Days)	7 Calendar days
Clause 2		
	Authority for fixing compensation under clause 2	Chief Engineer
Clause 2A	Whether clause 2A shall be applicable	Yes
Clause 5		
	Number of days from the date of issue of letter of acceptance for reckoning date of start	15 Calendar days
Table of Milestone:- As per the Table Given below		

S.No.	Description of Milestone (Physical)	Time Allowed in Days (From the date of start)	Amount to be withheld in case of non- achievement of milestone (Percentage of bid amount)
-----NIL-----			

Time allowed for the execution of work	1 Month
<b>Authority to decide</b>	
Extension of time:	Chief Engineer
Re-scheduling of time	Chief Engineer
Shifting of date of start in case of delay in	Chief Engineer

handing over of site		
Validity of the tender	90 days from the last submission date	
Retention Money (Security Deposit)	2.5 % of the Bid Amount	
Date of Commencement	7 days from the date of the Letter of Acceptance	
Defects liability period/Warranty	12 months from the date of Virtual completion Certificate	
Performance Guarantee	5% of Contract Amount to be submitted as Bank Guarantee within 7 days of receipt of Letter of Intent/acceptance (valid up to one month after the completion period of the contract / extended period if permitted). This Performance Guarantee shall be returned after the work completion Period (or its extension) with satisfactory work.	
Release of Retention Money (Security Deposit)	After satisfactory completion of the defect liability period	
Compensation for delay	5 % (Five Percent) per month of delay to be computed on per day basis and imposed over contractor if it is attributable to it	
Limit of Compensation for delay	10% of the contract value	
Documents to be submitted by the contractor for initial payment	Performance Bank Guarantee, agreement, any document required by Engineer-in-charge	
Taxes, Levy, Duty, Octroi, GST, etc. (existing at the scheduled date and time of bid submission)	All are included in the quotation provided the by bidder.	
Taxes, Levy, Duty, Octroi, GST, etc. (change in taxes after scheduled date and time of bid submission)	Recoverable or payable as applicable, after submission of adequate proof of imposition and payment of taxes by the contractor; to the satisfaction of Engineer-in-charge of IIM Kashipur'	
Sample approval, Pre-dispatch / Stage Inspection & Insurance cost	Cost included in the quotation provided by the bidder. <input type="checkbox"/> Sample approval by IIM Kashipur or its authorized representative is a must before procurement <input type="checkbox"/> Material when delivered shall be inspected with an approved sample for acceptance	
Clause 10 CA	Whether clause 10CA shall be applicable	Not Applicable
Clause 10 CC	Clause 10CC to be applicable in contracts with a stipulated period of completion exceeding the period shown in the next column	Not Applicable
Clause 11	Specification to be followed	CPWD specification and relevant IS code for maintenance.
Clause 18	List of mandatory machinery, tools & plants to be deployed by the contractor	No tools/equipment shall be issued to the contractor by IIM Kashipur

Clause 25	Constitution of Dispute Redressal Committee (DRC)	
S.No.	Designations	
1	Conciliator	Director, IIM Kashipur
2	Arbitrator Appointing Authority	Director, IIM Kashipur
3	Place of Arbitration	Kashipur, US Nagar, Uttarakhand
Clause 38	Theoretical consumption of material	Not Applicable
Clause 41	Release of Security deposit after labor clearance	Not Applicable
<b>Addendum for GCC</b>		
	<b>Terms used in GCC</b>	<b>To be read as below for IIM Kashipur's perspective</b>
1	President	Director
2	President of India	Director of IIM Kashipur
3	CPWD	To be read as IIM Kashipur if it is referred to as department.
4	Government	Government/ IIM Kashipur as the case may be
5	The officer above the Chief Engineer level	Director or its authorized representative.

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## **INTEGRITY PACT**

To,

### **All Bidders**

**Subject:** NIT No IIMKASHIPUR/Works Deptt/NIT/ 25/2025-26 dated 27.01.2026

for the Work: SUPPLY AND INSTALLATION OF NEW VSD LOGIC BOARD IN 350 TR YMC2 MODEL CHILLER AND RESTORATION OF CHILLER FUNCTIONALITY.

Dear Sir,

It is hereby declared that IIM Kashipur is committed to following the principle of transparency, equity, and competitiveness in public procurement.

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

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

Yours faithfully

**Executive Engineer-IIM Kashipur**

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To,

SAO (Purchase)/ **Executive Engineer- IIM Kashipur,  
Uttarakhand.**

**Subject:** NIT No IIMKASHIPUR/Works Deptt/NIT/ 25/2025-26 dated 27.01.2026

for the work: **“SUPPLY AND INSTALLATION OF NEW VSD LOGIC BOARD IN 350 TR YMC2 MODEL CHILLER AND RESTORATION OF CHILLER FUNCTIONALITY ”**

Dear Sir,

I/We acknowledge that IIM Kashipur is committed to following the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document.

I/We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender documents, failing which I/We will stand disqualified from the tendering process. I/We acknowledge that THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE of this condition of the NIT.

I/We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by IIM Kashipur. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 1 of the enclosed Integrity Agreement.

I/We acknowledge that in the event of my/our failure to sign and accept the Integrity Agreement, while submitting the tender/bid, IIM Kashipur shall have the unqualified, absolute and unfettered right to disqualify the tenderer/bidder and reject the tender/bid by terms and conditions of the tender/bid.

Yours faithfully

(Duly authorized signatory of the Bidder)

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**TO BE SIGNED BY THE BIDDER AND SAME SIGNATORY COMPETENT / AUTHORIZED  
TO SIGN THE RELEVANT CONTRACT WITH CPWD**

**INTEGRITY AGREEMENT**

This Integrity Agreement is made at ..... on this ..... day of .....20.....

**BETWEEN**

Director IIM represented through Store and Purchase officer / **Executive Engineer- IIM Kashipur** (Address of Division), (Hereinafter referred to as the '**Principal/Owner**', which expression shall unless repugnant to the meaning or context thereof include its successors and permitted assigns)

**AND**

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

**PREAMBLE:**

WHEREAS the Principal / Owner has floated the Tender (NIT No. IIMKASHIPUR/Works Deptt/NIT/ 25/2025-26 dated – 27.01.2026) (hereinafter referred to as "**Tender/Bid**") and intends to award, underlaid down organizational procedure, contract for "**SUPPLY AND INSTALLATION OF NEW VSD LOGIC BOARD IN 350 TR YMC2 MODEL CHILLER AND RESTORATION OF CHILLER FUNCTIONALITY**" hereinafter referred to as the "**Contract**".

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

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

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

**ARTICLE 1: Commitment of the Principal/Owner**

- 1) The Principal/Owner commits itself to take all measures necessary to prevent corruption and to observe the following principles:
  - (a) No employee of the Principal/Owner, personally or through any of his/her family members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
  - (b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidders(s) confidential/additional information through which the Bidder(s) could obtain an advantage about the Tender process or the Contract execution.

- (c) The Principal/Owner shall endeavor to exclude from the Tender process any person, whose conduct in the past has been of biased nature.
- 2) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offense under the Indian Penal code (IPC)/Prevention of Corruption Act,1988 (PC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

## **ARTICLE 2: Commitment of the Bidder(s)/Contractor(s)**

- 1) It is required that each Bidder/Contractor (including their respective officers, employees, and agents) adhere to the highest ethical standards, and report to the Government/Department all suspected acts of **fraud or corruption Coercion or Collusion** of it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.
- 2) The Bidder(s)/Contractor(s) commits himself to taking all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and the Contract execution:
  - a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the Tender process or execution of the Contractor to any third person any material or other benefit which he/she is not legally entitled to, to obtain in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contract.
  - b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into an undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids, or any other actions to restrict competitiveness or to cartelize in the bidding process.
  - c) The Bidder(s)/Contractor(s) will not commit any offence under relevant IPC/PC Act. Further, the Bidder(s)/Contractor(s) will not use improperly, (for competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details including information contained or transmitted electronically.
  - d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/representatives in India if any. Similarly, Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participates in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.
  - e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose (with each tender as per proforma enclosed) any payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.
- 3) The Bidder(s)/Contractor(s) will not instigate third persons to commit offenses outlined above or be an accessory to such offenses.

- 4) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice **means a willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to detriment of the Government interests.**
- 5) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/her reputation or property to influence their participation in the tendering process).

### **ARTICLE 3: Consequences of Breach**

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

- 1) If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days' notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. **Such exclusion may be forever or for a limited period as decided by the Principal/Owner.**
- 2) **Forfeiture of performance Guarantee/Security Deposit:** If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Performance Guarantee and Security Deposit of the Bidder/Contractor.
- 3) **Criminal Liability:** If the Principal/Owner obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of Indian Penal code (IPC)/Prevention of Corruption Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

### **ARTICLE 4: Previous Transgression**

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

- 2) If the Bidder makes an incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/holiday listing of the Bidder/Contractor as deemed fit by the Principal/Owner.
- 3) If the Bidder/Contractor can prove that he has resorted/recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

## **ARTICLE 5: Equal Treatment of all Bidders/Contractors/Subcontractors**

- 1) The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Subcontractors/sub-vendors.
- 2) The Principal/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.
- 3) The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

## **ARTICLE 6: Duration of the Pact**

This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor, 15 months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.

If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority, CPWD.

## **ARTICLE 7: Other Provisions**

- 1) This Pact is subject to Indian Law, place of performance and jurisdiction is the **Headquarters of the Division** of the Principal/Owner, who has floated the Tender.
- 2) Changes and supplements need to be made in writing. Side agreements have not been made.
- 3) If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.
- 4) Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- 5) It is agreed that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement/Pact, any action taken by the Owner/Principal in accordance with this **Integrity Agreement/Pact or interpretation thereof shall not be subject to arbitration**.

## **ARTICLE 8: LEGAL AND PRIOR RIGHTS**

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

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

.....

(For and on behalf of Bidder/Contractor)

.....

(For and on behalf of IIM Kashipur)

**WITNESSES:**

Date:

1. .....

Place:

(Signature, name and address)

2. .....

(Signature, name and address)

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**Format for Earnest Money Deposit Declaration by the Agency**

**(To be given on Ten Rupees Non-Judicial Stamp paper duly notarized)**

Whereas, I/we..... (Name of agency) have submitted bids for "**SUPPLY AND INSTALLATION OF NEW VSD LOGIC BOARD IN 350 TR YMC2 MODEL CHILLER AND RESTORATION OF CHILLER FUNCTIONALITY.**" I/We hereby submit the following **declaration** in lieu of submitting Earnest Money Deposit.

*(1) If after the opening of bid, I/We withdraw or modify my/our bid during the period of validity of tender (including extended validity of tender) specified in the tender documents,*

**or**

*(2) If, after acceptance of the bid, I/we fail to submit performance guarantee before the deadline as defined in the NIT / bid document,*

I/we shall be suspended **from bidding, making me/us** ineligible to bid for IIM Kashipur tenders **all over India for a period of one year from the date of issue of the order stating so and issued under the authority of Executive Engineer of this work.**

**Signature of the contractor (s)**

**Name of Agency with complete address & email ID**

**Note: Executive Engineer shall initiate issue of show cause notice to the contractor who has violated Earnest Money Deposit Declaration within 15 days of violation by the contractor and his decision (to be taken within 60 days of violation by the contractor) thereof shall be final and binding on the contractor.**

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## **FORM OF PERFORMANCE SECURITY (GUARANTEE)**

### **(BANK GUARANTEE BOND)**

In consideration of the IIM Kashipur having offered to accept the terms and conditions of the proposed agreement between..... and ..... (hereinafter called "the said contractor(s)") for the work ..... (hereinafter called "the said agreement ") having agreed to production of an irrevocable Bank Guarantee for Rs. ..... (Rupees ..... only) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement,

1. We, .....(hereinafter referred to as "the Bank") hereby undertake to pay to the Government an amount not exceeding Rs. ..... (Rupees ..... only) on demand by the Government.
2. We, ..... (indicate the name of the bank) .....do hereby undertake to pay the amounts due and payable under this Guarantee without any demur, merely on a demand from the Government stating that the amount claimed as required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the bank shall be conclusive as regards the amount due and payable by the bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. .....(Rupees ..... only).
3. We, the said bank, further undertake to pay to the government any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment made by us under this bond shall be a valid discharge of our liability for payment thereunder and the contractor(s) shall have no claim against us for making such payment.
4. We, ..... (indicate the name of the bank) .....further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for performance of the said agreement and that it shall continue to be enforceable till all the dues of the IIM Kashipur under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-in-charge on behalf of the IIM Kashipur certified that the terms and conditions of the said agreement have been fully and properly carried out by the said contractor(s) and accordingly discharges this guarantee.
5. We, ..... (indicate the name of the bank) .....further agree with the IIM Kashipur that the IIM Kashipur shall have the fullest liberty without our consent and without effecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the government against the said contractor(s) and to forebear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said contractor(s) or for any forbearance, act of omission on the part of the IIM Kashipur or any indulgence by the IIM Kashipur to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the contractor(s).
7. We, ..... (indicate the name of the bank) .....lastly undertake not to revoke this guarantee except with the previous consent of the IIM Kashipur in writing.
8. This guarantee shall be valid up to ....., unless extended on demand by the IIM Kashipur. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs.....(Rupees ..... only) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.

Dated: the..... day of .....

Seal & Signature with Name & Address

For (indicate the name of the bank) ...

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**FORM '1'**  
**STRUCTURE AND ORGANIZATION DETAIL**

**INFORMATION ABOUT BIDDER**

**1. IN CASE OF INDIVIDUAL**

I	Name of Business	
II	Name of Owner	
III	Whether the business is registered	
IV	Date of commencement of business	
V	Current Address	

**2. IN CASE OF PARTNERSHIP –**

I	Name of Partners	
II	Reference of the partnership registration	
III	Date of establishment of firm	
IV	If each of partners of the firms pays Income Tax over Rs. 10,000/- and if not which of them pays the same	
V	Copies of partners deed if any	
VI	Current Address of all Partners	

**3. IN CASE OF COMPANY LIMITED BY SHARES OR COMPANY LIMITED GUARANTEE.**

I	Amount of paid-up capital	
II	Names of directors	
III	Date of Registration of company	
IV	Certified copies of Memorandum and Article of Associated of company	

Seal of the bidder

Authorised Signature of the bidder

## **FINANCIAL INFORMATION**

<b>Part 1: Bankers Details</b>		
a)	Name of Bank	
b)	Address	
c)	City	
d)	Pin	
e)	NEFT Details	Account No.:- IFSC code:-
<b><i>Details of Contact Person for Verification of Particulars</i></b>		
e)	Name & Destination	
f)	Phone No. 1 with STD Code	
g)	Phone No. 2 with STD Code	
h)	E mail	
i)	Fax No	

**Signature of Chartered Accountant with Seal**

**Seal and signature or Bidder**

**Undertaking**

I/We, [Name of Contractor/Agency].....

having registered office at [Address].....

do hereby undertake and confirm that:

1. I/We shall comply with all applicable **statutory laws, rules, regulations, and compliances**, including but not limited to labour laws, environmental laws, industrial safety regulations, taxation, and all other applicable legislations in force from time to time.
2. I/We further undertake that the above compliances shall also extend to and cover all **subcontractors, agents, or representatives** appointed/engaged by us in execution of the said work.
3. I/We agree to **indemnify and keep indemnified the Institute** from and against all liabilities, penalties, losses, damages, claims, demands, costs, charges, or expenses whatsoever arising due to any non-compliance, default, or contravention of statutory provisions by us or our subcontractors, for any reason whatsoever.
4. This undertaking shall remain valid and binding during the entire period of the contract and any extension thereof.

Signed at \_\_\_\_\_ on this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

**For [Contractor/Agency Name]**

Authorized Signatory

(Name & Designation)

Seal/Stamp of the Agency

### **Declaration Regarding Blacklisting**

I/We, [Name of Bidder/Company].....,

having registered office at [Address]

....., hereby declare that:

- I/We have **not been blacklisted or debarred by any State Government, Central Government, Public Sector Undertaking, Autonomous Body, or any other Government Organization in India as on the date of submission of this bid.**
- I/We further undertake that if at any stage this declaration is found to be false, our bid/contract shall be liable for rejection/termination, and suitable action may be taken against us as per rules.

Signed at \_\_\_\_\_ on this \_\_\_ day of \_\_\_\_\_, 2026.

**For [Bidder/Company Name]**

*Authorized Signatory  
(Name & Designation)  
Seal/Stamp of the Bidder*

**FORM 'C'**

**DETAILS OF ELIGIBLE SIMILAR NATURE OF WORKS COMPLETED  
DURING THE LAST TEN YEARS ENDING PREVIOUS DAY OF LAST DAY  
OF SUBMISSION OF TENDERS**

S. No.	Name of work/ project and location	Owner or sponsoring organization	Cost of work in crores of rupees	Date of commencement as per contract	Stipulated date of completion	Actual date of completion	Litigation/ arbitration cases pending/ in progress with details*	Name and address/ telephone number of officer to whom reference may be made	Whether the work was done on back to back basis Yes/ No
	2	3	4	5	6	7	8	9	10

\* Indicate gross amount claimed and amount awarded by the Arbitration Tribunal.

Signature of Bidder(s)

## **PART – B**

**GENERAL/SPECIAL            CONDITIONS,            PARTICULAR  
SPECIFICATIONS AND SCHEDULE OF QUANTITIES FOR  
MAJOR COMPONENT OF WORK.**

## **GENERAL CONDITIONS**

1. The order of preference in case of any discrepancy as indicated in condition No. 8.1 under "Conditions of Contract" given in standard CPWD Contract form may be read as the following:
  - (i) **Nomenclature of items as per Schedule of Quantities**
  - (ii) **General, Special Conditions and Particular Specifications as provided forming part of the tender document.**
  - (iii) **CPWD Specifications with up-to-date Correction slips**
  - (iv) **Architectural/Structural drawings**
  - (v) **Indian Standard Specifications of BIS**
  - (vi) **National Building Code - 2016**
  - (vii) **Manufacturer's specifications.**
  - (viii) **Sound Engineering Practices**
  - (ix) **Decision of Engineer-in-charge**

A reference made to any Indian Standard Specifications in these documents, shall imply to the latest version of that standard, including such revisions / amendments as issued by the Bureau of Indian Standards up to the last date of receipt of tenders. The Contractor shall keep at his own cost all such publications of relevant Indian Standard applicable to the work at site.

2. The tenderer shall acquaint himself with the proposed site of work, its approach roads, working space available etc. before quoting his rates and no claim on this account shall be entertained by the department.
3. The tenderer shall see the approaches to the site. In case any approach from main road is required at site or existing approach is to be improved and maintained for cartage of materials by the contractor, the same shall be provided, improved and maintained by the contractor at his own cost. No payment shall be made on this account and the quoted rates shall be deemed to be inclusive of all such activities.
4. Utmost care shall be taken to keep the noise level to the barest minimum so that no disturbance as far as possible is caused to the occupants / users of building/adjacent properties.
5. Some restrictions may be imposed by the security agencies /client on the working and on movement of labour, materials etc in the campus/site and may require to issue identity cards to all persons authorized by the contractor to do work / visit the work site. ***The contractor shall be bound to follow all such restrictions / instructions and no claim whatsoever on this account will be entertained. The loss of time on this account, if any, shall have to be made up by generating additional resources etc. at no extra cost.***
6. ***The rates quoted by the contractor are deemed to be inclusive of site clearance, setting out work, profile, establishment of reference benchmark, spot levels, construction of all safety and protection devices, barriers, earth embankments, preparatory works, all testing of materials, working during monsoon, working at all depths, height and locations etc. unless specified in the schedule of quantities.***
7. No payment shall be made for any damage caused by rain, snowfall, flood or any other natural calamity, whatsoever during the execution of the work. The contractor shall be fully responsible for any damage to the govt. property and work for which the payment has been advanced to him under the contract and he shall make good the same at his risk and cost. The contractor shall be fully responsible for safety and security of his material, T&P, Machinery brought to the site by him.
8. ***The contractor shall deploy adequate resources e.g. manpower, labour, T&P, Plant & Equipment etc. as per actual requirement of work. No damages/compensation shall be payable on account of idle manpower, labour, T&P, Plant and Equipment and loss of profit etc. for whatsoever reason.***

9. The rates for all items of work shall, unless clearly specified otherwise, include cost of all labour, material, tools and plants and other inputs including **all heights/depths, leads and carriages involved** in the execution of the item.
10. *The contractor (s) shall quote all-inclusive rates against the items in the schedule of quantities and nothing extra shall be payable for any of the conditions and specifications mentioned in the tender documents unless specifically specified otherwise.*
11. *The rates for all items shall be considered as inclusive of pumping/baling out water, if necessary, for which no extra payment shall be made. Those conditions shall be considered to include water from any source such as inflow of flood, rain water, surface drainage or due to any other reason including surface and sub-soil water etc. and shall apply to the execution in any season.*
12. The work shall be executed and measured as per metric dimensions given in the Schedule of quantities, drawings etc. (FPS units wherever indicated are for guidance only).
13. *Unless otherwise specified in the schedule of quantities, the rates tendered by the contractor shall be inclusive of all costs & taxes and shall apply to all leads and lifts and nothing extra shall be payable on this account.*
14. The contractor shall maintain in perfect condition, all portions executed till completion of the entire work allotted to him. Where however phased delivery of work is contemplated these provisions shall apply separately to each phase.
15. All material shall only be brought at site as per program finalized with the Engineer-in-Charge. Any pre-delivery of the material not required for immediate consumption shall not be accepted and thus not paid for.
16. The Contractor shall bear all incidental charges for **all type of cartridge/carriage upto execution site, storage and safe custody of materials issued by department/arranged by the contractor.**

## 17. Quality Assurance

- 17.1 The contractor shall ensure quality control measures on different aspects of construction including materials, work Manship and correct construction methodologies to be adopted.

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## **SPECIAL CONDITIONS:-**

- 1.) *This contract shall remain in force for 1 Month unless terminated earlier by the Indian Institute of Management Kashipur on the basis of poor performance or violation of terms of the contract.*
- 2.) *All disputes will be subject to the justification of the Kashipur courts.*
- 3.) *The Institute reserves the right to summarily terminate the contract at any time without assigning any reason. In this connection, the decision of the Indian Institute of Management Kashipur shall be final and being on the contractor.*

## **SCHEDULE OF QUANTITY**

*(To be filled by contractor)*

### **Price Schedule**

This Price Schedule has to be xeroxed, price filled on the xerox copy. The original **Price Schedule** has to be returned back without filling the price as a token of acceptance of this proforma.

## **SCHEDULE OF RATE FOR**

### **“SUPPLY AND INSTALLATION OF NEW VSD LOGIC BOARD IN 350 TR YMC2 MODEL CHILLER AND RESTORATION OF CHILLER FUNCTIONALITY”.**

Sr. No.	Description	Qty		
			Rate	Amount
1.	Supply, Replacement, Installation, Testing and Commissioning of - KIT VSD LOGIC BD VYPER, Part code: 331-02506-602 (or 031-02506-002, Rev_J) and making <b>350 TR</b> chiller functional including card calibration and programming. (Vendor to provide minimum 1 Year Guarantee/warranty on the new Logic Board) Chiller Make: Johnson Controls (York).	02 Nos.		
2.	VSD testing, covering all VSD components such as capacitors, IGBTs, SCR snubber capacitors, etc., motor megger testing, and the complete disassembling and reassembling of the VSD.	2 Job		
Total				

Total charges for maintenance of HVAC system.

Rs (In words).....

Rs (In Figure).....

Place: \_\_\_\_\_

**Signature,**

Date: \_\_\_\_\_

**Name & Seal of Bidder/Tenderer**

**NEFT Detail**

## **Envelope –I (Technical Bid)**

**NIT NO. IIMKASHIPUR/Works Deptt/NIT/ 25/2025-26 dated - 27.01.2026... Last date of Submission: - 06.02.2026 Time:- Up to 3:00 PM**

**Name Of Work:- NIT for “Supply and Installation of New VSD Logic Board in 350 TR YMC2 Model Chiller and Restoration of Chiller Functionality Installed in HVAC Plant, at IIM Kashipur.”**

**To,**

SAO (PURCHASE),  
INSTITUTE OF MANAGEMENT,  
KASHIPUR KUNDESHWARI,  
KASHIPUR,  
DIST. UDHAM SINGH NAGAR,  
UTTARAKHAND (INDIA) PIN – 244713

Website: [www.iimkashipur.ac.in](http://www.iimkashipur.ac.in)

From:-

Name Of Firm:-  
Address:-  
Mobile No.:-

## **Envelope –II (Financial Bid)**

**NIT NO. IIMKASHIPUR/Works Deptt/NIT/ 25/2025-26 dated - 27.01.2026... Last date of Submission: - 06.02.2026 Time:- Up to 3:00 PM**

**Name Of Work:- NIT for “Supply and Installation of New VSD Logic Board in 350 TR YMC2 Model Chiller and Restoration of Chiller Functionality Installed in HVAC Plant, at IIM Kashipur.”**

**To,**

SAO (PURCHASE),  
INSTITUTE OF MANAGEMENT,  
KASHIPUR KUNDESHWARI,  
KASHIPUR,  
DIST. UDHAM SINGH NAGAR,  
UTTARAKHAND (INDIA) PIN – 244713

Website: [www.iimkashipur.ac.in](http://www.iimkashipur.ac.in)

**From:-**

**Name Of Firm:-  
Address:-  
Mobile No.:-**

## **Envelope –III (Bid)**

**NIT NO. IIMKASHIPUR/Works Deptt/NIT/ 25/2025-26 dated - 27.01.2026... Last date of Submission: - 06.02.2026 Time:- Up to 3:00 PM**

**Name Of Work:- NIT for “Supply and Installation of New VSD Logic Board in 350 TR YMC2 Model Chiller and Restoration of Chiller Functionality Installed in HVAC Plant, at IIM Kashipur.”**

**To,**

SAO (PURCHASE),  
INSTITUTE OF MANAGEMENT,  
KASHIPUR KUNDESHWARI,  
KASHIPUR,  
DIST. UDHAM SINGH NAGAR,  
UTTARAKHAND (INDIA) PIN – 244713

Website: [www.iimkashipur.ac.in](http://www.iimkashipur.ac.in)

From:-

Name Of Firm:-  
Address:-  
Mobile No.:-