

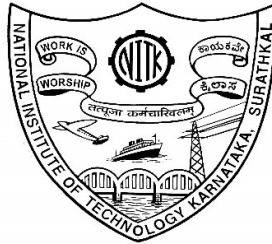
# **NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL**

(An Autonomous Institute of the Ministry of Education, Govt. of India)

**POST SRINIVASNAGAR, MANGALURU – 575 025**

Phone: (0824) 2474 000. Fax: (0824) 2474 033/ 2474 039

Website: <http://www.nitk.ac.in>



## **TENDER DOCUMENT**

**[Technical bid and Price bid system – e-Procurement mode]**

**NIT Ref: No. 98/CAMC(Water Supply)/Tender-02/2026-27/HD Dated 01-09-2026**

|                                            |                                                                                         |
|--------------------------------------------|-----------------------------------------------------------------------------------------|
| Name of work                               | Comprehensive operation and maintenance of the water supply system at NITK, Surathkal.  |
| Contract period                            | One year (extendable for further 1+1 years based on satisfactory performance).          |
| Estimated amount put to tender             | ₹42,98,910.00/- (Excluding GST)                                                         |
| EMD amount                                 | ₹107473/-                                                                               |
| Start date for downloading Tender Document | 02-09-2026 (12:00 hours)                                                                |
| Date for seeking pre-bid clarifications    | 03-09-2026(09:00 hours) To 04-09-2026 (16:00hours)                                      |
| Pre- bid meeting in Person                 | 05-09-2026 (03:00 PM)                                                                   |
| Date of uploading pre-bid clarifications   | 08-09-2026 (between 10:00hrs to 17:00hrs)                                               |
| Start date for e-Bd submission             | 09-09-2026 (10:00 hours)                                                                |
| End date for e-Bid submission              | 05-10-2026 (15:00 hours)                                                                |
| e-Bid Opening date (Technical Bid)         | 06-10-2026 (15:30 hours)                                                                |
| Central Public Procurement Portal URL      | <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a> |

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अनुभाग / Section **राष्ट्रीय प्रौद्योगिकी संस्थान कर्नाटक, सुरत्कल, मंगलूरु-५७५०२५**  
 भवन एवं कार्य (राष्ट्रीय महत्व का संस्थान, एनआईटीएसआईआर अधिनियम के तहत स्थापित, भारत सरकार)  
 Building and Works **National Institute of Technology Karnataka, Surathkal, Mangaluru 575025**  
 (An Institute of National Importance, Established under NITSER Act, Government of India)  
 दूरभाष / Phone: +91-824-2473018 (O), वेबसाइट / Website: <http://www.nitk.ac.in>



No. 98/CAMC(Water Supply)/Tender – 02 /2026-27/HD

Date: 01.09.2026

**NOTICE INVITING e-TENDERS [On e-Procurement mode in CPPP portal]**

**Name of work:** Comprehensive operation and maintenance of the water supply system at NITK, Surathkal.

Estimated amount put to tender : ₹ 42,98,910.00per year (excluding GST)

Earnest Money deposit (EMD) : ₹ 107473/-

1. National Institute of Technology Karnataka, Surathkal (in short - NITK, Surathkal; hereinafter referred as the "Institute") is an autonomous Technical Education Institute of the Ministry of Education, Government of India imparting technical and science education. National Institute of Technology Karnataka, Surathkal is an "Institutes of National Importance" notified by the Govt. of India under the NITSER Act – 2007 (Act No. 29 of 2007). The Institute is fully funded by the Government of India; and is governed by NITSER Act. NITK, Surathkal is located about 22 KM north of Mangaluru within Mangaluru City Corporation limits.
2. The Institute intends to engage a contractor meeting the eligibility criteria as specified in the NIT and Tender document for **Comprehensive operation and maintenance of the water supply system at NITK, Surathkal.**
3. In this connection, e-tenders are invited from the intending bidders.  
The contract shall be effective from the date of handing over the site as specified in the letter of intent/ work order. **The contract period shall be for ONE YEAR, the contract is also extendable for further 1 + 1 year** subject to satisfactory performance of the contractor, subject to the fulfillment of terms & conditions of the contract; and subject to satisfactory performance of the contractor.
4. The e-tenders invited are on techno-commercial basis on e-Procurement mode. **The intending bidders shall submit their bids through the e-Procurement module of the Central Public Procurement Portal-URL: <https://eprocure.gov.in/eprocure/app>.** Any tender, if submitted off-line (Manually) shall not be entertained.
5. Detailed procedure for submission of e-tenders is available in the website <https://eprocure.gov.in/eprocure/app>
6. The calendar of events of e-Tender are as follows:

|       |                                                 |                                                                                                |
|-------|-------------------------------------------------|------------------------------------------------------------------------------------------------|
| (i)   | <b>Start date for downloading Tender Doc.</b>   | <b>02-09-2026 (12:00 hours)</b>                                                                |
| (ii)  | <b>Date for seeking pre-bid clarifications</b>  | <b>03-09-2026(09:00 hours) To 04-09-2026 (16:00hours)</b>                                      |
| (iii) | <b>Pre- bid meeting in Person</b>               | <b>05-09-2026 (03:00 PM)</b>                                                                   |
| (iv)  | <b>Date of uploading pre-bid clarifications</b> | <b>08-09-2026 (between 10:00hrs to 17:00hrs)</b>                                               |
| (v)   | <b>Start date for e-Bd submission</b>           | <b>09-09-2026 (10:00 hours)</b>                                                                |
| (vi)  | <b>End date for e-Bid submission</b>            | <b>05-10-2026 (15:00 hours)</b>                                                                |
| (vii) | <b>e-Bid Opening date (Technical Bid)</b>       | <b>06-10-2026 (15:30 hours)</b>                                                                |
| (vii) | <b>CPPP URL</b>                                 | <b><a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a></b> |

**Pre-bid clarifications:** In case, bidder has any doubt about the specification, scope of work, terms and conditions of contract, clauses of contract or meaning of any contents of the tender document, he shall seek clarification by sending his query through email as follows: **Email address for sending query: [se@nitk.edu.in](mailto:se@nitk.edu.in) (with cc to [bwsection@nitk.edu.in](mailto:bwsection@nitk.edu.in), [ar.building.works@nitk.edu.in](mailto:ar.building.works@nitk.edu.in)) by 03/09/2026 before 5PM.**

**Pre- bid meeting in Person will be scheduled on: 05/09/2026, 3.00 PM at Institute Board Room.**

Query seeking clarification should be e-mailed before the scheduled end date and time mentioned above. **No query shall be entertained if received after the said end date and time.** The Institute shall upload its clarifications to the e-procurement portal as per the schedule mentioned above under "Corrigendum". This corrigendum shall form part of the tender document.

7. **Earnest Money Deposit (EMD):** The intending bidder (except NSIC/MSME/Startups) must submit a 'Bid Security Declaration' declaring disqualification of his bid in case the bid is withdrawn or modified by him during the bid validity period. The format of 'Bid Security Declaration' is available in the Tender Document. 'Bid Security Declaration' duly signed be uploaded while submitting the e-bid. Tenders received without the 'Bid Security Declaration' will be rejected. In the case of NSIC/MSME/Startup bidders seeking exemption from EMD, they shall upload NSIC/MSME/Startup certificate (obtained for relevant NIC & Activity).
  - a) Earnest Money is to be paid by each tenderer to ensure that the tenderer does not refuse to execute the work after it is awarded to him.
  - b) EMD of the successful **contractor** shall be refunded when the work is completed and unsuccessful Contractor shall be refunded immediately after finalization of the contractor. EMD shall not carry any interest.
  - c) EMD in any other form will not be accepted. **Without submission of Proof for EMD to the Tender Inviting Authority, Technical Bid will be rejected.**
  - d) No tenderer will be allowed to withdraw/alter/modify after submission of tender within the **bid** validity period otherwise the EMD submitted by the tenderer would stand forfeited.
  - e) EMD will be liable to be forfeited, if the tenderer selected for the work fails to accept and **sign** the formal agreement or to start the work on the date stipulated in the work order.
8. **Security Deposit:** The successful tenderer will have to execute a Demand Draft (OR) Performance Bank Guarantee (PBG) (**Annexure – IV**) in favor of the **Director, National Institute of Technology Karnataka, Surathkal** within 15 days of the issue of the formal order, for a sum equivalent to 2.5% of contract value and this will be refunded after the contract has been ended. The PBG should remain valid for a period of 90days beyond the date of completion of all the contractual obligations. PBG will be discharged after three months (from the end of contract) after compliance of contractor's performance obligations under the contract.
  - (i) If the agency fails to deploy manpower against the initial requirement within 15 days from date of placing the order, the PBG shall be realized without giving any further notice.
  - (ii) If the contractor fails or neglects any of his obligations under the contract it shall be lawful for the NITK, Surathkal to realize either whole or any part of PBG furnished by the bidder as compensation for any loss resulting from such failure. In case of breach of any terms and conditions attached to this contract, the PBG of the agency will be liable to be realized besides annulment of the contract.
  - (iii) In case, the contract is further extended beyond the initial period, the Bank Guarantee will have to be accordingly extended/renewed by the successful contractor. All incidental charges whatsoever such as premium, commission etc. with respect to Bank Guarantee/Online transaction shall be borne by the successful bidder. Non-deposit of PBG within the stipulated time shall render the contract invalid at the discretion of the institute.
9. **Instructions for submission of e-tenders:**
  - 9.1 **Technical bid:** The bidder shall upload all documents that are insisted in the Tender Document for evaluation of the technical bid. The bidders are advised to note that not furnishing complete information that are called for or not giving it in clear terms or making any changes in the prescribed formats or deliberately suppressing the information shall result in rejection of their bid. The bidders are advised not to upload any documents that are not insisted/ irrelevant documents such as copy of agreement, work order etc. The bidders may follow the check-list on "Documents to be uploaded" given in the Tender Document. The bidder will have to submit an 'Tender Conditions Acceptance' letter.
  - 9.2 **Price bid:** The price bid shall be quoted on annual basis. The quoted bid shall comply to all the requirements and obligations of the bidder under Contract labour (Regulation and Abolition) Act 1970 and latest amendments; Contract Labour (Regulation and Abolition) Rules 1971 and latest amendments; The Code on Wages (Act No. 29 of 2019) and the Rules notified under the Code on Wages; The Code on Social Security (Act No. 36 of 2020) and Rules notified under Code on Social Security [*erstwhile Payment of Gratuity Act*

1972 and amendments; Employees' Provident Fund and Miscellaneous Provisions Act – 1952; Amendment Act 1988 and other amendments; Employees State Insurance Act – 1948 and Amendment Act – 1989 & 2010 and other amendments; The Employees Compensation Act, 1923 and its amendments; Shops and Commercial Establishments Act as amended up to date; all other acts and rules related to Labour employment - failing which the price bid is liable for rejection. Price bid should be quoted downloading the specified format and then be uploaded.

**10. Minimum eligibility criteria for qualifying in Technical bid:**

- 10.1 The bidder must be a registered contractor of Karnataka PWD Class 2/ Central PWD Class 2 and above

Or

The bidder must have valid registration issued by the Chief Electrical Inspectorate, Govt. of Karnataka as Valid Super Grade Electrical contractor license (Class-2 and above)

A self-attested copy of registration should be uploaded to e-procurement portal while submitting e-bids. MSME/Startup certificates shall not be considered as 'contractor's registration' under this requirement.

Should be either registered as a company under Companies Act or as a partnership (including Limited Liability Partnership) under Partnership Act, 1932/proprietorship firm as the case may be and should be in existence as such entity for not less than five years. A certified copy of the MoA/AoA and other registration documents is required to be enclosed with the tender.

- 10.2 The bidder must possess GST registration – self attested copy should be uploaded.
- 10.3 The bidder must possess PAN registration with Income Tax department – self attested copy should be uploaded.
- 10.4 The bidder must be registered under Employees Provident Fund (EPF) & Employees State Insurance (ESI) Act. Proof of **statutory compliance** in past contracts (last 2 years EPF/ESI challans, wage registers, etc.) - self attested copy should be uploaded.
- 10.5 Average annual financial turnover of the bidder during the last five financial years, ending 31<sup>st</sup> march 2026 should be at least 30% of the estimated cost or more as per the annual report (audited balance sheet and profit & loss account), duly authenticated by a Chartered Accountant/ Cost Accountant in India. The bidder should not have incurred loss in the last three financial years as on 31.03.2026. Copy of the same should be uploaded (related pages only).
- 10.6 Experience of having successfully completed similar works during last 5(Five) years from the date of tender floating to the one in which applications are invited should be either of the following:
- (i) At least three similar works, each work costing not less than ₹ 17.19 lakh; OR
  - (ii) Two similar works, each work costing not less than ₹ 25.79 lakh; OR
  - (iii) One similar work of not less than ₹ 34.39 lakh.

Work orders along with completion certificate is mandatory for the consideration.

Similar work experience in public Sector Industries/Reputed establishments/establishment is desirable

**Definition of "similar work"**

**Similar work means:** Comprehensive operation and maintenance of the water supply system/installation of pumps in Educational Institution / Private Organization / public Sector offices/Hospitals on round clock.

- 10.7 Form 26AS/TDS certificate /Bank statement/payment advice of Customer for payment from the Organisation for Experience Proof should be submitted.
11. **The bidders enlisted under MSME/NSIC/ Startups** [Startups as recognized by the Department of Industrial Policy and Promotion (DIPP)] are requested to note that the present notice inviting e-tenders is “**not for the Supply of Goods**”, but for engaging a contractor under works contract. If bidders enlisted under NSIC/MSME (under relevant NIC & Activity)/ Startups are interested in participating in the tender, they may participate subject to fulfillment of the conditions of this notice inviting tender. **However, MSEs/Start-ups are exempted from paying EMD. There is no exemption from previous work experience.**
12. If a later date, it is found that the documents and certificates submitted by the bidder are forged or have been manipulated the Work Order issued to the bidder shall be cancelled and Earnest Money issued to the Institute shall be Forfeited without any claim whatsoever on Institute and the Tenderer is liable for action as appropriate under the extant laws.
13. The Price bid of those bidders who qualify in the Technical bid shall only be opened. The Institute shall evaluate the Technical bid strictly on the basis of eligibility criteria stipulated in the Tender document. If found necessary, the Institute shall verify the veracity of such documents from any sources as deemed fit and/or seek clarifications from the bidder. The decision of the Institute in this regard is final and binding on the bidder. No representations from the bidder in respect of decision of the Institute on evaluation of the technical bid shall be entertained.
14. If a bidder qualifies in the technical bid and if his price bid is found to be violating any of the provisions/ obligations of the bidder as mentioned in Para 9.2 above, then such price bid will be treated as “Non-responsive” and rejected.
15. **Site Visit:** Intending Contractors are advised to inspect & examine the Institute premises during working hours with the prior permission from Superintending Engineer, E-mail: [se@nitk.edu.in](mailto:se@nitk.edu.in) (cc to [ee.electrical@nitk.edu.in](mailto:ee.electrical@nitk.edu.in)) and satisfy themselves before submitting their tenders. The tenderer shall themselves obtain all necessary information as to risks, contingencies and other circumstances, which may influence or effect on their tender. A tenderer shall be deemed to have full knowledge of the site, whether he inspects it or not, whether he attends the pre-bid meeting or not. No extra charges consequent on any misunderstanding or otherwise shall be allowed. Submission of tender by a tenderer implies that he/she has read this notice and all other contract documents and has made himself/herself aware of the scope and specifications of the work to be done, local conditions and other factors having a bearing on the execution of the work.
16. All Statutory tax deductions at source (TDS) connected with the contract shall be made from the contractor's bill at the rates in force time to time. Any tax omitted for deduction shall be deducted from the subsequent bills/security deposits.
17. Income tax shall be deducted at source at the rate in force from time to time from the contractor's bill.
18. The price quoted by the bidder should be INCLUSIVE of all statutory obligations, but excluding only GST, as applicable.
19. The Institute reserves the right of rescheduling the calendar of events, make modifications to tender document before its submission by the bidder, cancelling the tender or accepting any tender other than the lowest or rejecting all the tenders.

Sd/-  
Dy. Director  
NITK, Surathkal

## **INSTRUCTIONS TO THE BIDDER FOR ONLINE BID SUBMISSION**

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates.

The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal. More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>

### **REGISTRATION:**

- 1) Bidders are required to enrol on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link "Online bidder Enrolment" on the CPP Portal which is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

### **SEARCHING FOR TENDER DOCUMENTS:**

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- 2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / email in case there is any corrigendum issued to the tender document.
- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

### **PREPARATION OF BIDS:**

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” or “Other Important Documents” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

**Note:** My Documents space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded his Documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid.

#### **SUBMISSION OF BIDS:**

- 1) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise, the uploaded bid will be rejected.
- 4) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
- 5) The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 6) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128-bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener’s public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 7) Upon the successful and timely submission of bids (i.e. after Clicking “Freeze Bid Submission” in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 8) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

**ASSISTANCE TO BIDDERS:**

- 1) Any queries relating to the **tender document** and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.

Contact persons of the **Tender Inviting Authority**:

Queries relating to the **tender document** : **AR (BWO), NITK.**  
**Phone 0824 – 2474027.**

Queries relating to the **Site visit / work** : **Superintending Engineer, NITK.**  
**Phone 0824 – 2474065/ 2473032**

**Permission for campus entry** : **Security Officer – Cell No. 9480691382**

- 2) Any queries relating to **the process of online bid submission** or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

For any technical related queries- 24 x 7 Help Desk Number: 0120-4001 002 /0120-4001 005/ 0120-6277 787

**[Form of “Bid Security Declaration” - To be submitted in the Letterhead of the Bidder]**

**“BID SECURITY DECLARATION”**

To:

**The Director,  
National Institute of Technology Karnataka, Surathkal.  
Post Srinivasnagar, Mangaluru – 575025.**

Sir,

Sub.: Submission of Bid Security/ EMD Declaration – Reg.

Ref.: e-Tenders invited for **“Comprehensive operation and maintenance of the water supply system at NITK, Surathkal-Reg.”** vide NIT No.98/CAMC(Water Supply)/Tender-02/2026-27/HD  
**Dated 01-09-2026**

I/ We declare that:

1. I/ We understand that according to the tender document, bids must be accompanied by EMD or a Bid Security Declaration. Accordingly, I/ We have opted for submitting this Bid Security Declaration.
2. I/ We declare that I / We will not withdraw our bid during the Bid validity period or make any modifications to my/ our bid.
3. I/ We understand that if I/ we withdraw my/ our bid or modify the bid, I/ we will be automatically suspended from being eligible for bidding and also will be debarred from competing for bids in your esteemed Institute for a period of one year from the date of occurring of such breach.
4. I/ We understand that if I/ We fail to furnish the Performance Guarantee before the deadline specified in the LoA / Lol, my/ our bid will be automatically cancelled and I/ We will also be debarred from competing for bids in your esteemed Institute for a period of one year from the date of occurring of such breach.
5. I/ We further understand that if I/ We fail to sign the contract in case the work is awarded to me/ us or fail to furnish the Performance Guarantee, my/ our bid will be automatically cancelled and I/ We will also be debarred from competing for bids in your esteemed Institute for a period of one year from the date of occurring of such breach.
6. I/ We understand that this Bid Security Declaration will automatically expire if we are not the successful bidder/ upon the expiry of bid validity period.
7. I/ we declare that I am/ we are authorized to sign this declaration.

Duly signed this Declaration on this day     -     - 2026 in the presence of following witnesses:

**Signature of the Bidder with seal**

In the presence of:

Signature of witness :  
Signature :  
Postal address :

In the presence of:

Signature of witness :  
Signature :  
Postal address :

**(To be typed and submitted (uploaded) by the bidder on Bidder Company Letter Head)**

**TENDER CONDITIONS ACCEPTANCE LETTER**

No.:

Date:

To:

**The Director,**  
National Institute of Technology Karnataka, Surathkal,  
Post Srinivasnagar, Mangaluru – 575025.

Sir,

Sub: Acceptance of Terms & Conditions of Tender – Submission of declaration letter - Reg.

Tender Reference No: **No.98/CAMC(Water Supply)/Tender-02/2026-27/HD Dated 01-09-2026**

Name of Tender/ Work: **“Comprehensive operation and maintenance of the water supply system at NITK, Surathkal”-Reg**

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely <https://eprocure.gov.in/eprocure/app> as per your advertisement, given in the above-mentioned website.
2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. **1 to 65** (including all documents like annexure(s), schedule(s), etc.), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/ organisation too have also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept the tender conditions of above-mentioned tender document(s) / corrigendum(s) in its totality / entirety. I/ we hereby declare that I/ we will sign the entire tender document while signing the contract in case the work is awarded.
5. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.
6. I / We certify that all information furnished by our Firm is true & correct and, in the event, that the information is found to be incorrect/untrue or found violated, then your Institute, without giving any notice or reason, shall summarily reject the bid or terminate the contract in case tender is awarded, without prejudice to any other rights or remedy including forfeiture of the full Security Deposit absolutely.
7. I / we hereby certify that I am/ we are authorised to sign this declaration. The original of this letter shall be submitted to the Institute while signing the contract in case the work is awarded.

Yours faithfully,

(Signature of the Bidder, with Seal)



|    |                                                                                                                                                                                                                                                                           |                                        |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| 10 | Copy of Income Tax Permanent Account Number (PAN Number)<br>(Please Attach self-attested Xerox copy)                                                                                                                                                                      |                                        |
| 11 | Annual Turnover during the Last three financial years 2023-24, 2024-25, 2025-26 (Profit and Loss Account and Balance sheet duly audited and certified by a Chartered Accountant and Income Tax Return Acknowledgement i.e., ITR for the last three years may be attached) |                                        |
| 12 | Details of Manpower available with the bidder                                                                                                                                                                                                                             | Use separate sheet to furnish the list |
| 13 | Details of Equipment/ Tools/ Tackles available with bidder                                                                                                                                                                                                                | Use separate sheet to furnish the list |
| 14 | Registration with Employees Provident Fund (furnish documentary proof)                                                                                                                                                                                                    |                                        |
| 15 | Registration with Employees State Insurance (furnish documentary proof)                                                                                                                                                                                                   |                                        |
| 16 | Goods and Service Tax Registration Number, (Self- attested Xerox copy to be attached)                                                                                                                                                                                     |                                        |
| 17 | Details of similar work, if any, executed or being executed along with address of the service receiver with contact number, value of the work. Enclose a copy of the work order along with performance certification. (Annexure-II)                                       |                                        |
| 18 | Affidavit                                                                                                                                                                                                                                                                 | As in Tender document                  |

**Bidders Response should be definite, complete and legible. Use separate sheet wherever necessary.**

1. I / we hereby certify that all the statements made and information supplied in the enclosed forms and accompanying statements are true and correct.
2. I / we have furnished all information and details necessary for deciding our eligibility to be qualified for taking part in the tendering process for the work. We have no further information to supply.
3. I/We also authorize the Director, NITK Surathkal or his representative to approach individuals, firms and corporations to verify our competence and general reputation.

**Authorized signatory of Bidder with Seal**

**Name.....**

**Designation.....**

**Note:**

1. The bidders are advised **not to upload** any documents **that are not insisted/ irrelevant documents** such as copy of agreement, work order etc. to avoid uploading documents of bulky file size.
2. The Tender document need not be signed and uploaded. **Only Declaration on acceptance of Tender conditions duly signed need to be uploaded.**
3. Submission of tender in e-Procurement portal is deemed as acceptance of all the terms and conditions that mentioned in the tender document. The successful bidder will have to sign these documents while entering into the agreement.
4. It is the responsibility of the bidder to ensure that **only related documents** in support of the eligibility criteria are uploaded.
5. Any representations received on offline mode/ e-mails after opening the tenders will not be entertained.

**INTEGRITY PACT**

To:

..... (Name of the bidder)

.....

.....

.....

Sir,

Sub.: **Notice inviting e-tenders No. 98/CAMC(Water Supply)/Tender – 02/2026-27/HD dated 01-09-2026**  
for the work of **Comprehensive operation and maintenance of the water supply system at NITK, Surathkal.**

It is hereby declared that NITK, Surathkal is committed to follow the principles 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 document, 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 NITK, Surathkal.

Yours sincerely

Dy. Director,  
NITK, Surathkal.

**LETTER ACCEPTING INTEGRITY PACT**

To:

**The Director,  
NITK, Surathkal,  
Srinivasnagar Post,  
Mangaluru – 575025.**

Sir,

Sub: Submission of Tender for the work of **“Comprehensive operation and maintenance of the water supply system at NITK, Surathkal.”**

I/We acknowledge that NITK, Surathkal is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document.

I/We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender document, 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 in letter and spirit and further agree that execution of the said Integrity Agreement shall be separated and distinct from the main contract, which will come into existence when tender/bid is finally accepted by NITK, Surathkal. 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, NITK, Surathkal shall have unqualified, absolute and unfettered right to disqualify the tenderer/bidder and reject the tender/bid in accordance with terms and conditions of the tender/bid.

Yours faithfully,

Date:

(Duly authorized signatory of the Bidder)  
Seal and signature of the contractor.

## **INTEGRITY PACT AGREEMENT**

***(To be signed by the bidder/ same signatory authorized to sign the relevant contract)***

This Integrity Agreement is made at Surathkal on this ..... day of .....2026.

### **BETWEEN**

National Institute of Technology Karnataka, Surathkal, an Institute of National Importance (under NITSER Act -2007) represented through the Dy.Director, NITK, Surathkal (hereinafter referred as the '**Principal/Owner**', which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

### **AND**

..... (Name and Address of the Individual/firm/Company) Through ..... (Hereinafter referred to as the "**Bidder/Contractor**" and which expression shall unless repugnant to the meaning or context hereof include its succession and permitted assigns)

### **Preamble**

WHEREAS THE Principal / Owner has floated the Tender (**No. 98/CAMC(Water Supply)/Tender -02 /2026-27/HD dated 01-09-2026**) (Hereinafter referred to as "Tender/Bid") and intends to award, under laid down organizational procedure, contract for "**Comprehensive operation and maintenance of the water supply system at NITK, Surathkal.**"

[Hereinafter referred to as the "**Contract**").

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

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

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

### **Article 1: Commitment of the Principal/Owner**

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

- / additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.
- (c) The Principal /Owner shall endeavour to exclude from the Tender process any person, whose conduct in the past has been of biased nature.
- ii. If the Principal /Owner obtains information on the conduct of any of its employee which is a criminal offence under the Indian Penal code (IPC)/Bharatiya Nyaya Sanhita (BNS) 2023/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) adheres to the highest ethical standers, and report to the Government / Department all suspected acts of **fraud or corruption or Coercion or Collusion** of which it has knowledge or becomes aware, during the tendering process and through the negotiation or award of a contact.
- 2) The Bidders(s)/Contractor(s) commit himself to take measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contact execution:
  - a. The Bidders(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contractor.
  - b. The Bidders(s)/Contractor(s) will not enter with other Bidders(s) in to any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.
  - c. The Bidders(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act/ Bharatiya Nyaya Sanhita (BNS) 2023. Further the Bidders(s)/Contractor(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
  - d. The Bidders(s)/Contractor(s) of foreign origin shall disclose the names and address of agents/representatives in India, if any. Similarly Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and address of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principals 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 Bidders(s)/Contractor(s) will, when presenting his bid, disclose (~~with each tender as per proforma enclosed~~) any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.

- iii. The Bidders(s)/Contractor(s) will not, instigate third persons to commit offences outlined above or be an accessory to such offences.
- iv. The Bidders(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice **means a will-full misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests.**
- v. The Bidders(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, there 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 Bidders(s)/Contractor(s) and the Bidders/Contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right:

- 1) If the Bidders(s)/Contractor(s), either before awarded 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 Bidders(s)/Contractor(s) from the Tender process or terminate/determinate the Contract - if already executed, or exclude the Bidders/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 Security Deposit:** If the Principal/Owner has disqualified the Bidders(s) from the tender process prior to the award of the Contract or terminate/determinate the Contract or has accrued the right to terminate/determinate 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 Security Deposit of the Bidders/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)/Bharatiya Nyaya Sanhita (BNS) 2023/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 Enterprises in India that could justify his exclusion from the Tender process.

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

#### **Article: 5 Equal Treatment of all Bidder/Contractors/Subcontractors**

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

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

This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 12 months after the completion of work under the contractor 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, under it is discharged/determined by the Competent Authority of NITK, Surathkal.

#### **Article 7: Other Provisions**

- 1) This Pact is subject to Indian Law, place of performance and jurisdiction is **Mangaluru**, the Headquarters 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 term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement / Pact, any action taken by the Owner/Principal in accordance with this **Integrity Agreement / Pact or interpretation thereof shall not be subject to arbitration.**

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

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract/ 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 any of the provisions covered under this Integrity Pact.

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

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

.....  
(For and on behalf of bidder/ contractor)

WITNESSES:

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

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

Place: Surathkal.

Date:

## **DEFINITIONS AND INTERPRETATIONS**

**DEFINITIONS:** The following terms shall have the meaning hereby assigned to them unless the context otherwise requires:

Where the context so requires, words imparting the singular only also include the plural and vice versa. Any reference to masculine gender shall whenever required include feminine gender and vice versa.

### **1) INSTITUTE / NITK, Surathkal**

Shall mean National Institute of Technology Karnataka, Surathkal, Post Srinivasnagar, Mangaluru – 575 025, represented by its Director or Dy. Director or their authorized representatives.

The **Director** means the Director of the Institute.

The **Dy. Director** means the Dy. Director of the Institute.

The **Engineer- in- charge** of the Institute shall mean the Superintending Engineer / Executive Engineer (Elect) / Executive Engineer (Civil) / Engineer who supervise the work.

The **“bidder”** means the individual, firm, or Company participating in this tender and submitting its bid

The **“supplier”** means the individual, firm, or Company providing services under the contract.

The **“Services”** means all the Services, which the supplier is required to provide under the contract

**Letter of Intent (LOI)** means the written communication to the successful bidder of the intention of the purchaser to accept the tender as per the terms & conditions contained & referred to their in.

The **Purchase/work Order** means the written order placed by the purchaser on the supplier signed by purchaser including all sections incorporated by reference therein. The purchase order shall be deemed as “Contract” appearing in the document.

The records, terms & expressions not specifically defined herein or in the tender documents, shall have the same meaning assigned to them, as the case may be. The Head notes are for guidance only & shall not affect the interpretation or construction of any provision thereof in the tender documents.

Date of receipt of communication of purchase/work order will be taken as actual date of receipt or 7 days from date of dispatch

### **2) CONTRACTOR**

Shall mean the successful bidder to whom the contract is awarded which expression shall unless the context otherwise requires, include his legal heirs, executors, administrators and assigns. The **Contractor** shall mean the individual, firm or company, whether incorporated or not, undertaking the works and shall include the legal personal representative of such individual or the persons composing such firm or company, or the successors of such firm or company and the permitted assignees of such individual, firm or company.

**3) CONTRACT; CONTRACT AGREEMENT**

Shall mean and include the following:

Notice inviting e-tenders; tender document containing general instructions to the bidder and conditions of contract; scope of work; clauses of contract etc., documents furnished by the bidder; Letter of Intent; Work order; all related Acts and Rules specified in the tender document; and/or any other correspondences of negotiations and the price bid, all future correspondences.

The **Contract** means the documents forming the tender and acceptance thereof and the formal agreement executed between the competent authority on behalf of the Institute and the Contractor, together with the documents referred to therein including terms & conditions, the specifications, designs, drawings and instructions issued from time to time by the Engineer-in-Charge and all these documents taken together, shall be deemed to form one contract and shall be complementary to one another.

**4) WORK**

Of the Contractor shall mean and include all necessary works required to be undertaken the comprehensive maintenance and operation of entire water supply system in NITK Surathkal as per the terms and conditions of the Contract.

**5) CONTRACT PRICE**

Shall means the price payable to the supplier under the purchase order / work order for the full & proper compliance of his contractual obligations

**6) SHIFT**

Shall mean the duration of eight continuous working hours.

**7) DAY:**

Shall mean calendar day. Day means a period of 24 hours beginning at mid-night. A day is normally divided into three shifts of eight hours of duration each.

For the purpose of calculation of minimum wages, a day shall be treated as a shift of 8 hours.

**8) MONTH**

Shall mean a calendar month.

**GENERAL TERMS & CONDITIONS; AND CLAUSES OF CONTRACT:**

1. Since this is a percentage rate contract, the contractor shall be required to carry out any work of any quantity, without reservation, at the overall tender percentage, as and when required by the NITK, Surathkal.
2. The rate offered is for the fished item of work and shall include the complete cost towards fuel, tools, tackles, plant and machinery, temporary work, labour, materials, levies, contingencies, taxes, transport, layout, repairs, rectifications, maintenance until handing over, supervision, labour colonies, establishment, services, roads, revenue, expenses, overheads, profits and all other incidentals with applicable GST payable extra.
3. While quoting the percentage rate, the contractor has to account for statutory payments towards ESI & EPF to arrive at workability percentage of rates, apart from his establishment.
4. This being an annual maintenance contract, operation of each item and its quantum cannot be predicted at this stage. The successful tenderer is expected to carry out any work for any quantity without any reservation. Some of the items in BOQ may be operated more or less or even not operated but the quoted percentage rates would take care of such factors. The percentage rate quoted shall be the basis for arriving at the lowest tenderer among the participants.
5. The work shall be carried out as per drawings released then and there, BIS/CPWD specifications, and standard code of practice and as per the instructions of Engineer-in charge.
6. The works contract to be entered into with the successful tenderer will be governed by the CPWD Works Manual in force & shall strictly adhere to various labour laws in force.
7. The Contractor shall take Insurance against all claims applicable for the Workman's compensation Act-1948, Agency shall take necessary Insurance cover for any persons deploy sites even for short duration. NITK, Surathkal shall be indemnified totally on this account.
8. Contractor shall be solely responsible for payment of Minimum wages and variable Dearness Allowance to their personnel as per the rules or act applicable under Government order. Mangalore is a B class city under Central Minimum Wages. All Central, State, Local laws & Bye laws applicable will be observed by the Contractor and NITK, Surathkal will be kept indemnified of such payable by the Contractor.
9. Without taking prior approval from the Engineer-in-charge NITK, Surathkal, no fittings/materials will be removed for the purpose of repairs.
10. Engineer-in-charge of NITK, Surathkal shall be at liberty to carry out surprise check on the persons as deployed by the Contractor in order to ensure that persons deployed by him are doing their duties.
11. For performing the assigned work, the Contractor shall deploy medically and physically fit persons. The Contractor shall ensure that the persons are punctual and disciplined and remain vigilant in performance of their duty. Persons so engaged by the Contractor shall be from amongst properly trained Electrician & Supervisor of high integrity and good conduct, and shall be conversant in the local language i.e. Kannada. In no circumstances, persons below 18 years of age should be employed.

12. The Contractor shall further keep the NITK, Surathkal indemnified against any loss to the NITK, Surathkal property and assets. The NITK, Surathkal shall have further right to adjust and/or deduct any of the amounts as aforesaid from the payments due to the Contractor under this contract.
13. The Contractor shall ensure that the persons so deployed do not allow any property of the NITK, Surathkal related to equipment's to be taken out of the premises without a Gate Pass signed by the designated officials of the SE office, NITK, Surathkal.
14. In case, any Staffs is not found up to the mark and not able to work properly, he will have to be changed as per the instruction of the Engineer-in-charge, NITK, Surathkal.
15. The Contractor shall keep the equipment well maintained, neat and clean and adhere to the maintenance schedules of various equipment. On placement of Work Order, they will prepare the maintenance schedule and discuss the same with Hostel/Engineer-in-charge NITK, Surathkal for its implementation. This may be revised from time to time as per the requirement.
16. The Contractor/Agency shall submit list of technicians & their working hours to be furnished and any change must be informed to the Institute accordingly before the changes is affected.
17. For the purpose of proper identification of the employees of the Contractor deployed for the work, Contractor shall issue identity cards bearing their Photographs /identification etc. and such employees shall display their identity cards at the time of duty. Uniform to be issued to the workmen. The employees should be in uniform when they are on duty.
18. The Contractor shall be liable for the payment of wages and all other dues which they are entitled to receive under the various Labour laws and other statutory provisions. The agency shall submit the PF challan for their workers to the purchaser for office records.
19. The Contractor shall arrange to provide reliever equally qualified in case of absence/leave/off etc. The Contractor shall in all dealings with the persons in his employment have due regards to all recognized festivals, days of rest and religious or other customs. In the event of the Contractor committing a default or breach of any of the provisions of the Labour laws including the provisions of Contract Labour (Regulation and Abolition) Act, 1970 as amended from time to time or in furnishing any information, or submitting or filling any statement under the provisions of the said regulations and rules which is materially incorrect,
20. Income Tax deduction at source as per the rules in force will be deducted from the bill and the amount so deducted will be credited to the Income Tax authority and a certificate of the amount credit will be issued by the Account Section of Institute.
21. Institute reserve the right to curtail or enhance the scope of work either by deletion of certain items entirely or by reducing/increasing the quantities of certain items as required and reviewed by the Institute from time to time and therefore, the final value of the work shall be worked out and paid to the extent of work actually carried out.
22. The contractor shall maintain a sufficient inventory of materials required for attending day-to- day complaints covered under the contract at his own cost. Payment shall be made only for the materials actually used. No location/store shall be provided for the same inside NITK, Surathkal.

**23. Payment Terms:**

- a) Payments will be made within 45days from the date of submission of Monthly bills. **Payment will be made monthly after satisfactory completion of service on submission of bill on pro rata basis. No advance payment shall be made.**
  - b) Necessary Monthly bills should be submitted in duplicate by the contractor along with complaint form counter signed by the occupant as work completed on or before fifth of subsequent month by obtaining all formalities. The contractor cannot claim interest payments, if the contracts made delay in his bill submission.
  - c) All expenses related to the functioning of the employees engaged by the contractor shall be in the scope of the contractor. The Contractor is solely responsible for the payment of minimum wages for their employees as per the Government of India norms and E.S.I. The record of duty hours and pay structure should be maintained as per rules for inspection by authorized government personnel and meeting other statutory and non-statutory benefits/obligations.
  - d) The contractor should pay the labor wages in the first week of the successive month and delay / failure will attract fine as deemed fit by the Institute.
  - e) The payment will be made after deducting Income Tax, Labour Welfare Cess etc.
  - f) The contractor shall submit the report sheets for the inspected month within the first 10 days of the following month to enable timely processing of the bills.
  - g) Manufacturer's catalogue / literature on installation, testing, maintenance and troubleshooting of major equipment's shall be submitted to the department while handing over the installation.
  - h) Reimbursement of EPF contribution of Employer by the Institute is payable on maximum wage limit of ₹ 15,000 only or as per the maximum ceiling notified by the government from time to time.
  - i) Payment towards employees / workers shall be made as per the attendance of actual manpower deployed as certified by the Engineer-in-charge.
24. Canvassing or offer of an advantage or any other inducement by any person with a view to influencing acceptance of a bid will be an offence under Laws of India. Such action will result in outright rejection of bid, in addition to other punitive measures.
25. Tenders not properly filled, mutilated with incorrect calculations or generally not complying with the conditions shall be rejected.
26. The price quoted by the bidder **shall be firm throughout the contract** period and there shall be no upward revision of the rates for any reasons whatsoever. It should be clearly understood that any claim for changes will not be entertained in any case once the tenders are opened.
27. The acceptance of tender shall rest with the Institute. The Institute is not bound to accept the lowest tender; and reserves the authority to reject any or all the tenders.
28. On accepting the tender, the contractor shall intimate the name(s) of his accredited representative who would be supervising the work and would be responsible for taking instructions for carrying out the work.

29. The decision of the Institute with regard to the quality/performance of work shall be final and binding on the contractor.
30. **One bid per bidder:** Each bidder shall submit only one bid either by himself or by representing a firm.
35. The bidder shall not make or cause to be made any alteration, erasure or obliteration to the text of the tender document.
36. In case the bidder has any doubt about the meaning of anything contained in the tender document, he shall seek clarification online. All such clarifications, together with all details on which the clarification had been sought shall form part of the tender document.
37. Bid and all accompanying documents shall be in English. In case any accompanying documents are in other languages, it shall be accompanied by an English translation. The English translation shall prevail in matters of interpretation.
38. Conditional bids/ offers shall summarily be rejected.
39. A bidder signing the bid document (during signing the contract) must specify whether he signs as:
  - (i) A sole proprietor of the firm or constituted attorney of such proprietor;
  - (ii) A partner/ managing partner of a partnership firm. In this case, he must have a clear legal authority to sign for the firm.
  - (iii) Constituted attorney, if for a Company.
40. If an individual makes the tender, it shall be signed (during signing the contract) with his full name and his complete address shall be given. If it is made by partnership firm, it shall be signed by all the partners or the authorized signatory who shall sign his own name and give the name and address of each partner of the firm and attach a copy of 'Power of Attorney' with the tender authorizing him to sign on behalf of the other partners. A certified copy of the 'Registered Partnership Deed' shall also be submitted along with the tender. In case the tender is made by or on behalf of a company incorporated under the Companies Act 1956, it shall be signed by the Managing Director or by one of the Directors duly authorized on this behalf and shall include a copy of the 'Power of Attorney' with the tender. A certified copy of the registered Deed shall also be submitted along with the tender.
41. The Institute will declare a bidder ineligible either indefinitely or for a specified period of time, at the sole discretion of the Institute for the award of contract/ participating in the tenders if at any time the Institute determines that he has furnished false information/ engaged in corrupt or fraudulent practices.
42. The price bid of bidders who have not qualified in the technical bid shall not be opened.
43. The contractor is not entitled for any compensation for any loss suffered by him on account of delays in commencing or executing the work, whatever the cause for such delays may be.
44. The Contractor shall not sub-let the contract or any part thereof or any benefit or interest therein or thereunder.

45. The Institute will not provide residential accommodation to any of the employees/ workers of the contractor. **The contractor shall have to make his own arrangement for the residential accommodation of workers outside the institute campus.**
46. The Institute shall not be under any obligation for providing employment to any of the employees/ workers of the contractor after the expiry of the contract. **The Institute does not recognize any employee- employer relationship with any of the employees/ workers of the contractor.**
47. If any overpayment is detected as a result of post-payment audit, it shall be recovered by the Institute from the contractor out of his bills or Security deposit.
48. The contractor shall ensure full compliance with tax laws of India with regard to this contract and shall be solely responsible for the same. The contractor shall submit copies of acknowledgements evidencing filing of returns and shall keep the Institute fully indemnified against liability of tax, interest, penalty etc. of the contractor in respect thereof, which may arise. The Institute in no way shall be responsible / held responsible for the statutory compliances of the Contractor. In case the Institute is required by the order of the Law to fulfill the obligations of the Contractor, the same shall be recovered from the contractor out of his bills or security deposits.
49. Subject to the Institute's right to accept any tender/ reject any or all the tenders, the Institute will award the contract to the bidder whose bid has been determined to be substantially responsive and who has offered evaluated Tender Price, provided further that the bidder has the capability and resources to carry out similar type contracts effectively. Eligibility shall be based on the evaluation of the details furnished in the bid. Copies of the testimonials and other documentary evidences must be submitted along with the Bid for evaluation and confirmation of qualifying requirements. Bids of those tenderers, who in the opinion of the Institute do not satisfy the above requirements, will not be considered.
50. Prior to the expiry of the period of validity of the tender, the Institute will notify the successful bidder in writing by registered/ speed post that his tender has been accepted. This letter (hereinafter referred as the Letter of Intent/ acceptance) shall name the sum, which the Institute will pay the contractor in consideration of the execution of the work by the contractor as specified in the contract document (hereinafter called as the contract price). This letter of Intent/ acceptance will form a part of the Contract.
51. On receipt of this letter of Intent/ acceptance, the successful bidder will have to enter into an agreement. If the bidder fails to execute the agreement within the specified time, the action will be taken as per the Bid Security declaration; and the tender will be rejected. If any loss to the Institute results as a result of such measures due to the default of the bidder, the same will be recovered from the bidder by suitable course of action including legal proceedings.

The cost of the non-judicial stamp paper required for the agreement shall be borne by the bidder.

52. The work to be carried out under the Contract shall, except as otherwise provided in these conditions, include all labour, materials, tools, plants, equipment and transport which may be required in preparation of and for and in the full and entire execution and completion of the works and hence the rate to be quoted accordingly.
53. If there are varying or conflicting provisions made in any one document forming part of the contract, the Accepting Authority shall be the deciding authority with regard to the intention of the document and his decision shall be final and binding on the contractor

54. Amendment of tender document: At any time prior to the last date of receipt of bids, Institute may for any reason, whether at its own initiative or in response to a clarification requested by prospective bidder, modify the Tender document by an amendment. The Institute may at its own discretion extend the last date for the receipt of bids
55. All expenses related to the functioning of the employees engaged by the contractor shall be in the scope of the contractor. The Contractor is solely responsible for the payment of minimum wages for their employees as per the Government of India norms and E.S.I. The record of duty hours and pay structure should be maintained as per rules for inspection by authorized government personnel and meeting other statutory and non-statutory benefits/obligations
56. **Deployment of minimum workers:** The contractor shall depute adequate staff to ensure round the clock for Maintenance services on all days (including Sundays & holidays) at NITK as per below given details.

**a) Technician- Skilled**

| Sl.no                                                                                                               | Description                     | Shift   | Quantity |
|---------------------------------------------------------------------------------------------------------------------|---------------------------------|---------|----------|
| 01                                                                                                                  | Technician -Electrician         | General | 1 No.    |
| 02                                                                                                                  | Technician - Plumber            | General | 1 No.    |
| 03                                                                                                                  | Technician -Fitter              | General | 1 No.    |
|                                                                                                                     | Total No.of Technicians per day |         | 3 No.s   |
| <b>Note:</b> Technicians shall be deployed on all days including Sundays and holidays (relievers should be engaged) |                                 |         |          |

**b) Shift Pump Operator- (Semi-Skilled)**

| Sl.no                                                                                                              | Description                                       | Shift         | Quantity |
|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|---------------|----------|
| 01                                                                                                                 | Shift Pump Operator                               | Day Shift     | 1 No.    |
| 02                                                                                                                 | Shift Pump Operator                               | Evening Shift | 1 No.    |
| 03                                                                                                                 | Shift Pump Operator                               | Night Shift   | 1 No     |
| 04                                                                                                                 | Shift Pump Operator                               | General Shift | 1 No.    |
|                                                                                                                    | Total No.of Shift Pump Operators Required per day |               | 4 No.s   |
| Shift Operators shall be deployed on all days including Sundays and holidays (24 x7) (relievers should be engaged) |                                                   |               |          |

Qualification and experience of various categories of staff deputed by contractor shall be as follows

**Technician (Skilled):**

Technician (Electrician): Having ITI in Electrician.

Technician (Plumber): Having ITI in Plumber/Fitter.

Technician (Fitter): Having ITI in Fitter.

**Shift Pump Operator (Semi-skilled):** Having 10<sup>th</sup>/ SSLC.

- a) The contractor should maintain an attendance register in SE office under the custody of concerned Engineer of NITK.
- b) The Contractor shall provide one smartphone with an active SIM card at the Pump House for official communication throughout the contract period. The mobile number shall be communicated in writing to the Engineer-in-Charge before commencement of the work. Any change in the mobile number or device shall be intimated to the Engineer-in-Charge in writing within 24 hours.
- c) The supervisors, under whom the laborers work, shall have to report daily to the Engineer-in-charge.
- d) The surprise inspection will be done at any time of the contract period by the committee members.
- e) To safeguard the persons working at height in roof, wall etc., sufficient number of Industrial safety nets shall be provided at tenderer's cost in appropriate level and locations. The working hand including Supervisors, Engineers should wear the personal protective items and safety measures such as helmets, safety belts, shoes, etc., before entering into working place.

58. An agreement shall be signed with the successful bidder as per specimen enclosed.

59. Corrigendum / Amendment: It is tenderer's responsibility to watch for any corrigendum or amendment till the opening of a particular tender that will be posted only at CPP Portal web site.

**60. Other Terms and Conditions:**

- a) Permits for workers and supervisor to the campus / building shall be obtained by the contractor from the concerned authorities. Only photo passes shall be issued and no group passes shall be issued.
- b) The contractor must ensure that no labors shall work without uniforms and other safety accessories like mask, shoes and gloves etc.,
- c) Strict discipline must be observed by the workers and the laborers put in work must be provided with the proper uniform and identity card to distinguish them from other staff.
- d) As the maintenance work is also to be carried out in the girls' hostel zone of NITK, the guidelines, SOP issued by the Hostel Committee must be followed without fail.
- e) The firm (s), whose contract has been terminated /Forfeiting of PG/SD by NITK due to unsatisfactory performance or any other reason, will not be eligible to participate in this tender.
- f) No tools and plants will be provided by the NITK. The Successful bidder shall arrange for the same, on his own.

**61. TERMINATION OF THE CONTRACT:**

The contract may be terminated in any of the following contingencies:

- a) On the expiry of the contract period, without any notice.
- b) On giving Two month's notice at any time during the currency of services, in case the services rendered by the Contractor are not found satisfactory and in conformity with the general norms and the standard prescribed for the services.
- c) On assigning of the contract or any part thereof or any benefit or interest therein or there under by the Contractor to any third person for sub-letting the whole or a part of the contract to any third person, without any notice.
- d) On Contractor being declared insolvent by the competent Court of Law without any notice.
- e) In case the Contractor is not interested in continuing the contract, subject to the condition that the Contractor shall give a minimum of three months' notice. If the Contractor does not give the requisite notice as mentioned before, then his security deposit shall be forfeited, and the Bank Guarantee shall be invoked. However, it is the discretion of the NITK Surathkal to accept such a request. The decision of the NITK shall be final.
- f) Provided that during the notice period for termination of the contract, in the situation contemplated above, the contractor shall keep on discharging his duties as before till the expiry of notice period.
- g) If the contractors service is not satisfactory, after calling for explanation the same may be recorded and his services are terminated.

## **CLAUSES OF CONTRACT**

### **1. CONTRACTOR IS THE EMPLOYER OF ALL WORKERS ENGAGED BY HIM:**

The contractor is the employer of all employees/ workers engaged under this contract. They shall not be treated as employees of the Institute. The Institute does not recognize any employee-employer relationship with any of the workers/ employees of the contractor.

All statutory payments in connection with the employment of the workmen under this contract shall be borne by the Contractor.

The contractor shall take all necessary registrations and pay premiums correctly to labour welfare funds; ESI; EPF etc. constituted by the Union Government and Government of Karnataka from time to time.

### **2. DISBURSEMENT OF WAGES:**

The wages to the employees/ workers engaged under this contract shall be disbursed by crediting into bank account of the employee/ worker **through bank transfer** only. The wages shall be disbursed by the contractor within the time limit that stipulated under Section 17 of The Code on Wages act (**before the expiry of the seventh day of the succeeding month**), even if the payment is not received from the Institute. If wages not done in stipulated time period, necessary penalty will be imposed on the contractor and same will be deducted from the security deposit/monthly bill.

### **3. SUB-CONTRACTING:**

The Contractor shall not sub-contract any part of the Work/ service without the written consent of the "Institute" and such consent, if given, shall not relieve the Contractor from any liability or obligation under the contract and the Contractor shall be responsible for all the acts, defaults and neglects of the sub-contractor, his agents, employees or workmen as fully as if they were the acts, defaults or neglects of the Contractor or his agents, servants or workmen.

### **4. DURATION OF CONTRACT:**

Subject to the fulfillment of the terms and conditions of contract, the contract period shall be for ONE YEAR from the date as specified in the Letter of Acceptance/ work order. The performance of the contractor shall be evaluated by the Institute. If the performance is not satisfactory in the opinion of the Institute (which is final and binding on the contractor), then the Institute shall terminate the contract giving two months' notice. The contract is also extendable for further 1+1 year subject to the fulfillment of contract conditions and on mutual consent.

### **5. INSURANCE:**

The Contractor shall take ESI/Group/Personal insurance on Employees/Workers engaged under the contractor on signing the contract to meet his obligations under Workmen Compensation Act. The insurance should take care of all emergency medical expenses and also accidental care policy.

**The Group/Personal insurance should have following features:**

- a) Minimum Sum insured should be Rs 10.00 Lakh / year or more.

- b) Should cover for Accidental Death, Permanent Disablement, Temporary / partial Disablement, Hospitalization expenses of Doctors, medical, blood, illness, injury or accidents should be covered.
- c) The policy should cover local hospitals in their network (Mangaluru).

**6. INDEMNITY BOND:**

The Contractor shall indemnify the Institute against all claims for loss or damages or compensation due to the negligence of the Contractor in performing his responsibilities and duties and that may be made by his employees or users or third parties.

The Contractor shall indemnify against all losses and claims for injuries, death or damages to any person or property whatsoever which may arise out of or in consequence of the contractor's work and against all claims, demands, proceedings, damages, costs, charges, expenses, whatsoever in respect thereof in relation thereto.

**7. REMOVAL OF WORKMEN/ EMPLOYEE:**

The "Institute" shall be at liberty to object to, and to remove from the Work, any person employed by the Contractor who in the opinion of the "Institute" misconduct himself or is incompetent or negligent in proper performance of his duties or whose employment is otherwise considered by the "Institute" to be undesirable and such person shall be replaced by the Contractor without delay by a competent substitute approved by the "Institute".

**8. COMMUNICATIONS TO BE IN WRITING:**

All references, communications, correspondences made by the "Institute"/ the Institute's representative or the Contractor in connection with the work shall be in writing and no reference, communication, or complaint which is not in writing, shall be recognized.

**9. USE OF PREMISES:**

The Contractor shall not occupy any land, building belonging to or in the possession of the "Institute" without prior approval of the Institute.

**10. LABOUR RULES:**

In respect of all labour (directly or indirectly) employed by the Contractor, the Contractor shall comply with the provisions of the Contract labour (Regulation and Abolition) Act 1970 and latest amendments; Contract Labour (Regulation and Abolition) Rules 1971 and latest amendments; The Code on Wages (Act No. 29 of 2019) and the Rules notified under the Code on Wages; The Code on Social Security (Act No. 36 of 2020) and Rules notified under Code on Social Security [*erstwhile Payment of Gratuity Act 1972 and amendments; Employees' Provident Fund and Miscellaneous Provisions Act – 1952; Amendment Act 1988 and other amendments; Employees State Insurance Act – 1948 and Amendment Act – 1989 & 2010 and other amendments; The Employees Compensation Act, 1923 and its amendments*]; Shops and Commercial Establishments Act as amended up to date; all other acts and rules related to Labour employment notified from time to time, governing the protection of health, sanitary arrangements, wages, welfare and safety for labour employed on Work and for bonus, EPF, retirement benefits, retrenchment/lay off, compensation etc.

The rules and the other statutory obligations with regard to minimum wages, welfare and safety measures, maintenance of registers etc. will be deemed to be part of the Contract. Violation of any of these shall be deemed as violation of the clause/ clauses of this contract.

It shall be the responsibility of the contractor to provide the details of manpower engaged by him to the Institute as well as to the Labour department.

The contractor shall also abide by the provisions of the Child Labour (Prohibition and Regulation) Act, 1986.

***Failure to comply with this, the contract is liable for termination without any notice.***

**11. RESPONSIBILITY OF SAFETY & REPORTING ACCIDENT.**

The Contractor shall be responsible for the safety of all employees and/or Workers employed or engaged by him and shall forthwith report all cases of accidents to any of them, however caused and whenever occurring, to the "Institute" and shall make every arrangement to render all possible assistance and aid to the victims of the accident.

**12. ACCIDENT OR INJURY TO THE EMPLOYEES WORKERS OF THE CONTRACTOR.**

The "Institute" shall not be liable for, in respect of any damages to the workers of the contractor or compensation payable in consequence of any accident or injury or death of the employees/ workers engaged by the contractor.

**13. PRESERVATION OF PEACE:**

The Contractor shall take requisite precautions to prevent any riotous or unlawful behavior by or amongst his workmen and/or others, for the preservation of peace and protection of the inhabitants and security of property.

**14. TERMINATION OF CONTRACT:**

The Contract can be terminated by giving **two months** prior notice on either side. But the prior notice is not required for **termination of contract** if the contractor violates any of the terms and conditions of the agreement.

**Determination of the contract/ rescinding the contract:**

Subject to other provisions contained in this clause, the Institute may, without prejudice to its any other rights or remedy against the contractor in respect of any delay, inferior service, any claims for damages and/or any other provisions of this contract or otherwise, and whether the date of completion has or has not elapsed, by notice in writing absolutely, determine the contract in any of the following cases:

- i) If the contractor having been given by the Institute a notice in writing to rectify, improve the quality of service, quality of work or replace any worker or that the work is being performed in an inefficient or improper or bad manner - shall omit to comply with the requirement of such notice for a period of seven days thereafter.

- ii) If the contractor being a company shall pass a resolution or the court shall make an order that the company shall be wound up or if a receiver or a manager on behalf of a creditor shall be appointed or if circumstances shall arise which entitle the court or the creditor to appoint a receiver or a manager or which entitle the court to make a winding up order.
- iii) If the contractor has, without reasonable cause, suspended the work or has failed to proceed with the work with due diligence – and in the opinion of the Institute (which shall be final and binding) that the contractor is unable to perform the contract properly and continues to do so after a notice in writing of seven days from the Institute.
- iv) If the contractor persistently neglects to carry out his obligations under the contract and/or commits default in complying with any of the terms and conditions of the contract and does not remedy it or take effective steps to remedy it within 7 days after a notice in writing is given to him in that behalf by the Institute.
- v) If the contractor fails to start the contract within the time that stipulated in the work order.

When the contractor has made himself liable for action under any of the cases aforesaid, the Institute shall have powers:

- a) To determine or rescind the contract as aforesaid (of which termination or rescission notice in writing to the contractor under the hand of the competent authority of the Institute shall be conclusive evidence). Upon such determination or rescission, **Security Deposit shall be forfeited and shall be absolutely at the disposal of the Institute.** - the competent authority is Dy. Director of the Institute.
- b) To take any legal actions against the contractor.

In the event of above course (s) being adopted by the Institute, the contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials or entered into any engagements or made any advances on account or with a view to the execution of the contract or the performance of the contract.

## 15. SETTLEMENT OF DISPUTES / ARBITRATION:

As far as possible, disputes shall be settled mutually.

In case of any dispute or difference (*unsettled mutually*) in relation to this tender or agreement, the same shall be decided by an Arbitrator to be appointed by the Director of NITK under Arbitration and Conciliation Act, 1996 (26 of 1996). The venue of arbitration shall be at Surathkal/ Mangaluru.

It is also a term of the contract that if any fees are payable to the arbitrator these shall be paid equally by both the parties.

All disputes are subject to courts at Mangaluru jurisdiction.

## 16. FORCE MAJEURE

Any delay in or failure of the performance of either part hereto shall not constitute default hereunder or give rise to any claims for damage, if any, to the extent such delays or failure of performance is caused by occurrences such as Acts of God or an enemy, expropriation or confiscation of facilities by Government authorities, acts of war, rebellion, sabotage or fires, floods, explosions, riots, or strikes. The Contractor shall keep records of the circumstances referred to above and bring these to the notice of the Institute in writing immediately on such occurrences.

**17. JURISDICTION OF COURT:**

The Courts at Mangaluru shall have the exclusive jurisdiction to try any disputes, if any, arising out of this contract between the parties.

## **SCOPE OF WORK OF THE CONTRACTOR: (WATER SUPPLY SYSTEM)**

The scope of work of comprehensive operation and maintenance of water supply system at NITK includes all necessary works as given below:

- a) Taking water from all available water sources (open well, borewell, Mangalore city corporation (MCC), and others) to the sump tanks of the pump house and supplying water through pumps to the sump tanks and overhead tanks of all departments, hostels, offices, residential buildings, commercial points, and all other buildings in NITK on a 24×7 basis in three shifts.
- b) Operation and maintenance of Water Disinfectant plant in NITK, including routine operation, monitoring, servicing, and upkeep of the system.
- c) Maintenance and repair of all plumbing equipment including pipes, flanges, gate valves, ball valves, NRV, float valves, flow meters, and other related items; mechanical equipment such as pumps, pump base bolts and electrical equipment such as starters, panels, and other accessories. Any excavation work and additional manpower required for the maintenance and repair works shall be arranged by the contractor at their own cost. No extra cost will be borne by the Institute.
- d) The contractor shall also manage and maintain the inventory of required materials/spare parts for repairs at their own cost related the water supply system.
- e) Cleaning (once in every six months) and chlorination (once in every three months) of all existing tanks in NITK shall be carried out with necessary arrangement of ladders, lifts and cleaning equipment by the contractor. The contractor shall also maintain all sump tanks and overhead tanks, including RCC and Syntex tanks, in proper condition. Further, any grass or vegetation grown around or underneath the tanks shall be removed and cleaned by the contractor at their own cost.
- f) Maintaining log books, maintenance checklists of the water supply system, and all other related records properly on a daily basis.
- g) Any other works related to water supply system that not mentioned in the tender, shall also carried out by the contractor as per instruction of engineer in-charge, over flow of water from tanks / leakages of tanks / pipe line etc.

### **Briefly, the scope of works is mentioned below:**

Ensure continuous availability, treatment, storage, distribution, operation, maintenance, and monitoring of the complete water supply system including pumps, pipelines, tanks, valves, and related equipment; attend plumbing complaints and emergency breakdowns promptly; maintain water quality, log books, safety standards, and sufficient maintenance materials to ensure uninterrupted 24×7 water supply to all campus areas.

- The operator's primary duty is to treat all the water in the pump house at the water disinfection plant and then supply the treated water to every department, building, hostels and other buildings within campus right from the sump tanks to the overhead tanks as per the instruction of engineer in charge.
- The operator before starting work early in the morning, on the same day must ensure that the water tank is sufficiently full.
- All the sumps in the institute (the underground sump) must be filled daily to a minimum of 80-90%, and the water flow meter should be regularly monitor and record properly, so that the water is filled accordingly.
- The operators must supply water to all departments, hostels, residential buildings, and other buildings in the campus through OHTs and UG sump tanks. They shall ensure that water is reaching properly to every department, building, OHT, and sump tank. Further, they must obtain the signature of the concerned department representative or any occupant/person present after confirming the water supply.

- During supplying water, if there is a leakage somewhere, that need to be attended to stop leakage
- During the shift duty, if complaint has been arrived by telephonic or cell phone that there is no water or any kind of water issue, then the operator should solve it immediately.
- Contractor needs to create a proper data sheet of how much litters of water are used daily in each department, Buildings, Residential buildings etc. by follow the flowmeter.
- All the hostels, departments, buildings academic buildings residential buildings, houses, overhead tank and underground tank Should be cleaned once in every six months/ yearly two and chlorination once in every three months by maintaining proper data/ record with GPS time stamped photo. **(as per the list enclosed in Annex-1(A) & (B))**
- It should clearly mention on that tank or near the tank, that the tank name and capacity, sump or tank number or overhead tank number or name and next due date of cleaning and chlorinating by paint as a type of name plate. **(as per the list enclosed in Annex-2)**
- Contractor has to keep pump house sump tanks manholes surrounding neat and clean. He shall dump scrapped materials only at the scrap yard. All the equipment (indoor and outdoor) shall be kept clean including.
- The contractor shall purchase chlorine at their own cost and carry out chlorination of the overhead tanks and sump tanks as per the instructions of the Engineer-in-Charge once every three months during the year.
- If any damage occurs to the underground water supply pipeline in academic buildings, hostels, residential buildings, or any other buildings, the contractor shall carry out the repair work at their own expense within 3 hours or complete the work on the same day by deploying additional manpower. **The contractor shall undertake all related works such as digging, excavation, removal of soil, and repair of the pipeline by themselves, and no extra payment shall be made by the Institute for the same.** If the issue is not resolved within the stipulated time, penalty charges may be imposed by the Engineer-in-Charge.
- Any complaint regarding an emergency situation or accident occurring in NITK involving the water supply system, pumps, or pump electrical panels, if noticed through a phone call or otherwise, shall be immediately reported to the Engineer-in-Charge.
- If, in future, any new pipeline installation, water supply project, or new plant setup is undertaken, the same may also be included in the scope of work, and such work shall be carried out and implemented through the contractor as directed by the Institute.

## **MAINTENANCE OF THE WATER SUPPLY SYSTEM:**

### **Mechanical and Plumbing maintenance: (Including pumps and pipe lines)**

1. Mechanical equipment such as pumps (Monoblock and Submersible), flow meters, NRVs, float valves, and gate valves shall be properly maintained on a regular basis such as daily, weekly, monthly, quarterly, half-yearly, and yearly with a proper maintenance checklist. The equipment shall be kept rust-free and maintained in proper working condition at all times. **(as per the list enclosed in Annex-3)**
2. Plumbing materials and all water supply pipelines, including all pipeline connections such as unions, bends, ball valves, gate valves, hose collars, and couplers, shall be inspected regularly and properly to identify any leakage. If any leakage is noticed, it shall be rectified immediately. In addition, the manhole cover plates of all sump tanks shall be properly covered, maintained in good condition, and kept rust-free at all times. Further, if any damaged or broken pipe belongs to a particular brand, like (UPVC, PVC, CPVC or GI etc.) use the pipe accordingly or contractor shall arrange the same brand of pipe for replacement and maintenance work with the intimation of the Engineer-in-Charge.
3. The contractor shall maintain a sufficient inventory of materials required for attending to day-to-day complaints covered under the contract at his own cost. Only vacant space shall be provided for the same inside NITK.

4. Over flow of water from sump / Over head tanks need to be checked & Proper check valve to be installed.
5. All the above maintenance works shall be carried out by the contractor at their own cost, and no extra payment shall be made by the Institute or nothing extra will be given over and above quoted rate.
6. Maintenance of all pumps, including gland roping, bearing replacement, lubrication, and all other major or minor repair works, shall be carried out by the contractor at their own cost. In case any pump gets damaged, the contractor shall arrange for repair or installation of the pump by deploying additional manpower for works such as extraction of the damaged pump from the sump, open well, or borewell and installation of a new pump or repaired pump at their own cost. During this period, the contractor shall engage additional manpower as required. The expenditure towards such arrangements shall be borne by the contractor under their overhead charges, and nothing extra shall be paid over and above the quoted rate.
7. Until the damaged pump is repaired, water supply shall be maintained through an alternative or spare pump provided by the Institute with the approval/intimation of the Engineer-in-Charge. If the pump found beyond repaired then the new pump will be supplied by the institute.
8. All pumps installed in the Institute, especially at the pump house, academic departments, western side area, and residential buildings, shall be properly maintained and kept in working condition at all times. An alternative/spare pump shall also be made available for emergency use.
9. If any pump stops functioning due to a minor issue, it shall be fully repaired within 3 hours or on the same day. In case of a major issue, such as winding damage or any other major fault, the repair work shall be completed within 7 days and not beyond that period. Until the damaged pump is repaired, water supply shall be maintained through the use of a spare or alternative pump with the intimation of the Engineer-in-Charge.
10. In the Institute, if any Syntex tank is found cracked or damaged, the operator shall immediately inform the Engineer-in-Charge. Until further action is taken, the operator shall take necessary measures to arrest and prevent water loss if water is present in the tank. In such cases, a new tank shall be provided by the Institute.
11. The contractor shall provide a smart mobile phone with SIM card to the duty-handling personnel. The mobile phone shall be common for all shift operators to attend complaints and communicate with engineer in charge, all official information related to the water supply system.
12. All shift duty personnel shall maintain proper communication and coordination with each other during shift changes regarding ongoing problems or maintenance issues, so that the issues can be resolved smoothly and efficiently.
13. The contractor shall prepare the duty roster every month, and the roster for the succeeding month shall be prepared during the last week of the current month and submitted to engineer in charge

**Minimum qualification required for manpower to be deployed daily (24 x 7)**

| Sl.No | Description                                                                                   | Qualification                                            | Quantity per day                                                                            |
|-------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 1     | <u>TECHNICIAN (Skilled Category)</u><br>Electrician -1 No.<br>Plumber -1 No.<br>Fitter -1 No. | ITI (ELECTRICIAN)<br>ITI (PLUMBER/FITTER)<br>ITI(FITTER) | 3 No's                                                                                      |
| 2     | Shift Pump Operators (Semi-Skilled Category)                                                  | 10 <sup>th</sup> /SSLC                                   | 4 No's<br>Day shift -1 No<br>Evening Shift -1No.<br>Night Shift- 1No.<br>General shift-1No. |

1. The contractor shall arrange for the operation of the pump house on a 24×7 basis in three shifts and maintain the system regularly by engaging the required operators as per the tender conditions or instructions of the Engineer-in-Charge, including arranging necessary consumables and other materials. Reliever should be engaged for leave or rest
2. The contractor shall be fully responsible for the operation and maintenance of all pumps existing in NITK, especially the pump house and major pumps supplying water to the main water supply line, including all related plumbing works such as pipelines, gate valves, float valves, foot valves, and electrical/mechanical equipment including water flow meters, strictly as per the norms and instructions of NITK.
3. Verification of Character and Antecedents: The contractor shall ensure that the character and antecedents of all workers deployed are verified through the police authorities, and an undertaking in this regard shall be submitted to the institute along with the list of engaged workers.
4. The contractor shall obtain insurance coverage for all deployed workers to meet liabilities under the Workmen Compensation Act against all risks, including electrical and mechanical accidents. The workers engaged by the contractor shall not be eligible for any compensation from the institute, as no employer–employee relationship exists between the institute and the contractor’s workers.
5. There should maintain a proper logbook of water supply systems as daily basis. the contractor shall submit the names of the workers engaged for the work and they have to report to the Engineer, however they shall be supervised by the contractor himself for discharging their duties. Workers employed for the work has to obtain Proper gate pass from security officer of the institute.
6. The contractor shall ensure that all workers engaged by him are adequately trained to handle the firefighting equipment provided at the pump house. Wherever there is a pump in institute if there is an electrical fire anywhere, the operator should know exactly how to use the firefighting equipment.
7. The contractor shall properly maintain first-aid kits provided at the pump house. The contractor shall ensure that all workers engaged by him are adequately trained in administering first aid services in case of emergencies.
8. Workers employed shall have knowledge of Kannada, Hindi, or English.
9. The contractor shall cooperate with all other contractors engaged by the Institute so that no complaints arise against each other while discharging their responsibilities and obligations.
10. The contract period shall be renewed on a yearly basis, subject to the terms and conditions of NITK and satisfactory performance of the contractor.
11. The contractor shall be available and reachable by phone at all times for emergency and maintenance-related issues. The contractor shall arrange the mobile phone, SIM card, recharge, and maintenance expenses at their own cost, and no extra payment shall be made by the Institute.
12. All shift duty personnel shall maintain proper communication with each other during shift changes and inform the concerned persons about any pending issues or problems for smooth operation and quick resolution of complaints concerned Engineer-in-Charge.

**TERMINATION OF THE CONTRACT:**

The contract may be terminated in any of the following contingencies:

- a) On the expiry of the contract period, without any notice.
- b) On giving Two months' notice at any time during the currency of services, in case the services rendered by the Contractor are not found satisfactory and in conformity with the general norms and the standard prescribed for the services.
- c) On assigning of the contract or any part there or any benefit or interest therein or there under by the Contractor to any third person for sub-letting the whole or a part of the contract to any third person, without any notice.
- d) On Contractor being declared insolvent by the competent Court of Law without any notice.
- e) In case the Contractor is not interested in continuing the contract, subject to the condition that the Contractor shall give a minimum of three months' notice. If the Contractor does not give the requisite notice as mentioned before, then his security deposit shall be forfeited, and the Bank Guarantee shall be invoked. However, it is the discretion of the NITK Surathkal to accept such a request. The decision of the NITK shall be final.
- f) Provided that during the notice period for termination of the contract, in the situation contemplated above, the contractor shall keep on discharging his duties as before till the expiry of notice period.
- g) If the contractors service is not satisfactory, after calling for explanation the same may be recorded and his services are terminated.

**PENALTY AND CHRGES OF DELAYING OF WORK AND LIQUIDATED DAMAGES/  
COMPENSATION FOR DEAFULT:**

In case of any default by the contractor damage to the institute property on account of negligence of the contractor in performing the obligations under this contract. Non-adherence to the instructions or similar default, then the contractor shall be liable to pay.

| Sl.no | Nature of default                                                                                                                                                                                                                                                                                                                                                         | Time period to do the work                                          | Penalty per day |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------|
| 1.    | Delaying in maintenance of minor work like Repair of Damaged Pipeline, replace of non-functioning gate valves, NRV, Float valve, lubrication of mechanical items such pump and gate valves, gland roping of pump, nut and bolts, manhole plates, if rusted replace by new one in addition to electrical items like contactor, switches and starter and other minor works. | It should complete Within 3 hours same day it should complete       | ₹100/-          |
| 2.    | Repair works of pumps, replacement of bearings, impellers, and other internal damaged parts of pumps, as well as works like installation and fixing of new or repaired pumps (Monoblock and Submersible), and repair or replacement of underground pipelines including digging and excavation works, shall be carried out and completed by the contractor.                | contractor it should do within one or two days as far as possible.  | ₹250/-          |
| 3.    | Major repairs of pump winding and panel board issue and other wire damage shall be carried out and completed by the contractor.                                                                                                                                                                                                                                           | contractor it should do within 2 days to 7 days as far as possible. | ₹500/-          |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                          |        |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 4. | Cleaning of all sump tanks and overhead tanks, including Syntex and RCC tanks, in all departments, hostels, residential buildings, commercial buildings, offices, institutions and other buildings shall be carried out properly with necessary arrangement of ladders and lift for climb and all once in every six months with GPS time-stamped photographs as proof of completion. Failure to carry out the work within the stipulated period may attract charges from the next day onwards. | The contractor shall carry out the work once every six months; otherwise, charges may be imposed from the next day onwards after completion of the six-month period.     | ₹500/- |
| 4. | Chlorination of all tanks, including Overhead Tanks (OHT) and Underground Sump Tanks, of all departments, offices, residential buildings, hostels and other buildings shall be carried out properly once in every three months. With keeping photo of GPS time stamped photo and record book.                                                                                                                                                                                                  | The contractor shall carry out the work once every three months; otherwise, charges may be imposed from the next day onwards after completion of the three-month period. | ₹50/-  |
| 5. | Not attending of complaints and phone calls regarding water supply issues shall be ensured by maintaining proper water supply management.                                                                                                                                                                                                                                                                                                                                                      | Charges will be imposed for each incident from the next day onwards if the work is not completed immediately.                                                            | ₹50/-  |
| 6. | Negligence of overflowing water from overhead tanks, sump tanks, and other water storage tanks, as well as leakage of pipes, shall be attended immediately, and float valve replacement works shall be carried out and completed by the contractor.                                                                                                                                                                                                                                            | The work should be completed immediately; otherwise, the charges will be applicable from the next day onwards.                                                           | ₹100/- |
| 7  | The pump house and surrounding area shall be maintained neatly and cleaned properly at all times and sump tank manholes cover plates make them rust free or painting properly. The man hole door should function and cover the manhole properly.                                                                                                                                                                                                                                               | Charges may be imposed from the next day onwards if any negligence is observed by the Engineer-in-Charge, higher authorities, institute staff, or students.              | ₹50/-  |
| 8  | If any grass or vegetation grows around or underneath the all-existing tanks, it shall be cut and removed immediately by the contractor at their own cost.                                                                                                                                                                                                                                                                                                                                     | Charges may be imposed from the next day onwards if any negligence is observed by the Engineer-in-Charge, higher authorities, institute staff, or students.              | ₹50/-  |

## **SCOPE OF WORK OF THE CONTRACTOR (ELECTRICAL)**

1. Core Operation and Maintenance of the pumps are:

- a) Operation of pumps/motors in the issue.
- b) Maintenance of pumps/motors in the issue
- c) Maintenance of starters and automatic water level indicator set.
- d) Removing, repairing, and refixing of any not working equipment's.
- e) Repair includes (rewinding of motors/pumps, repair of water level Sencer, starters and other related electrical equipment's. Etc.)
- f) Electrical maintenance of pumps/motors starts from starter incoming to Motor/Pump and automatic water level controller. In between this any type of issue happened then contractor have to responsible to fix that issue by repairing/replacing that damaged equipment.

2. Make checklist books of electrical appliances (like panel board, all electrical parts) as details given below and all should be noted on checklist book properly on regular basis.

3. Check list should be in following ways:

a) **Daily Operational Checklist**

Focuses on quick, visual, and auditory checks to ensure the system is running safely right now.

- **Check Voltage & Current:** Verify that the incoming line voltage and running current (amps) match the nameplate ratings and are balanced across all three phases.
- **Inspect the Control Panel Indicators:** Ensure all status LEDs (Power On, Pump Running, Trip) are functioning correctly and no-fault indicators are lit.
- **Listen for Abnormal Noises:** Check the motor and pump for any unusual humming, rattling, or vibrations that could indicate single-phasing, bearing wear, or cavitation.
- **Monitor Operating Temperature:** Touch the external body of the motor or enclosure safely (or use an infrared thermometer) to check for unusual overheating.
- **Verify Panel Physical Security:** Ensure the control panel doors are tightly shut to prevent dust, moisture, or pests from entering.

b) **Weekly Maintenance Checklist**

Focuses on basic system integrity and tracking small signs of deterioration.

- **Check Terminal Tightness (Power Off):** Isolate the power and check for any loose control or power wiring connections inside the starter panel. Loose connections cause localized overheating.
- **Inspect Contactors & Relays:** Open the panel and look for visible signs of chattering, pitting, or carbon deposits on the contactor tips.
- **Verify Level Controllers & Sensors:** Test the float switches, water level controllers, or dry-run protection sensors to ensure they properly trigger the pump to start or stop.
- Automatic water level controllers in our campus are as follow: -



- **Examine Cable Insulation:** Check the visible runs of the pump cables for any physical damage, cracks, or exposure, especially near the entry points of submersible systems.
- **Clean Enclosure Inlets:** Wipe down the ventilation grilles or cooling fans of the panel and motor body to prevent dust buildup from trapping heat.

**c) Monthly Technical Checklist**

Focuses on safety calibrations, deeper technical testing, and regulatory compliance.

- **Insulation Resistance Test (Megger Test):** Measure the insulation resistance of the motor windings to earth and between phases using a Megger. Log the readings to track any gradual degradation.
- **Verify Overload Relay (OLR) Settings:** Ensure the thermal or electronic overload relay is correctly set to the motor's actual full-load current (FLC), not cranked up too high. Test the manual trip mechanism.
- **Check Earth Continuity & Resistance:** Inspect the earthing pits and connections to the pump body and control panel. Ensure the connections are tight, rust-free, and watered if necessary to maintain low resistance.
- **Test Auto-Changeover & Interlocks:** If operating a duty/standby dual-pump setup, test the automatic changeover logic and electrical interlocks to ensure smooth transition during a simulated failure.
- **Inspect Capacitors (If Applicable):** For single-phase pumps or panels with power factor correction, check capacitors for bulging, leakage, or dropped capacitance values.
- **Safety Reminder:** Always enforce strict Lockout/Tagout (LOTO) procedures before opening control panels or touching terminal blocks for weekly and monthly internal maintenance. Never bypass a tripping protective relay without finding the root cause.

**4. Special Repairs, Breakdown & Overhaul Works**

- **Fault Diagnosis & Troubleshooting:** Provide immediate troubleshooting and root-cause analysis in the event of an electrical trip, single-phasing, short circuit, or insulation failure.
- **Component Replacement:** Replace damaged or heavily pitted contactor points, auxiliary contact blocks, faulty timers, indicator lamps, capacitors, and defective meters inside the control panels and also have to do rewinding of motors.
- **Post-Repair Re-commissioning:** Supervise the re-installation of motors after rewinding or mechanical overhauls. Perform winding resistance balance checks, verify insulation levels, and confirm correct direction of rotation before handing the system back to operations.
- **Cable Gland & Terminal Box Sealing:** Ensure all motor terminal boxes and panel cable entries are packed with proper glands and weather-proofing seals during any repair work to prevent moisture or pests from entering.
- During all this above period the contractor need to engage extra manpower. The same should be loaded to his overhead charges. Nothing extra will be given over and above quoted rate.

5. Make sure that all pump and automatic system are working properly if not then have to rectify the problem by checking them and informed to concern in-charge.

6. Have to do maintenance of all appliances which is related to pump house or pump (like coil, contactor, starter, sensor, bulb, tube lights or any electrical equipment's etc.).
7. In NITK pump is placed at various place so if any complaint came related to pump anywhere in NITK then you have to attend that complaint and rectify that problem and solve it immediately & same should be informed to the engineer-in-charge.
8. The contractor should arrange required manpower and technician for removing, replacing, & refixing of pumps or other electrical equipment's. During this period the contractor need to engage extra manpower. The same should be loaded to his overhead charges. Nothing extra will be given over and above quoted rate.
9. All consumable such as petrol required for cleaning, cotton waste, grease, petroleum jelly, emery papers, antirust oil, blow lamp, lubrication oil, bolt & nuts, washers, electrical insulating varnish, white cement for filling panels gland holes, water insulation tape etc, shall be arranged by the contractor. No extra payment towards consumable items shall be made. The cost of consumable required per month shall be calculated by the contractor including profit margin & overheads of the contractor. **The cost thus worked out shall be then calculated for per day and quoted accordingly in the Price bid.**
10. Contractor shall provide all tools & Tackles, safety tools and equipment as required for proper operation and maintenance of pump house and all pumps in NITK. Uniforms and safety kits etc. have to be provided to the workers.
11. The contractor shall carryout repairs of pump (Motors/pumps rewinding's, repair of bearing, or any type of issue came into pumps) and other equipment's, greasing of pumps, gland roping etc through shift electricians/shift fitters engaged on the work, for which no additional labour charges will be paid.
12. The contractors must be ready to arrange specialized technician to repair the equipment's if found necessary. No extra charges will be paid.
13. All shift duty persons have to communicate with each other's about the problems while changing shift and same should be record in the bond page.
14. Have to maintain log book regarding daily complaint which ever came and which you attended among them on daily basis and same should be record in the bond page.
15. Have to do weakly inspection of all pump one by one just to check its working properly or not and same should be record in the bond page.
16. Any complaint in the pump house or pump related complaint in any place at NITK noticed shall be reported to Engineer-in-charge at the earliest & rectification should be done.
17. During the break down of any pumps/motors spare pump will be supplied by the institute, the same should be installed till the repairing of the existing pump is done. During this period the contractor need to engage extra manpower. The same should be loaded to his overhead charges. Nothing extra will be given over and above quoted rate.
18. Any damage caused by the contractor in existing facilities while carrying out the work shall be made good by the contractor.
19. All dismantled / replaced parts should be handed over to the Institute's Engineer in-charge.

**ANNEXURE - I (A)**

| Sl. No | Cleaning Date | Next due date of cleaning | Cleaned Tank name with Location | Name and signature of cleaned person | Name and signature of cleaned person | Signature of supervisor | Signature of Engineer in charge | Remarks/ Observation |
|--------|---------------|---------------------------|---------------------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------------------|----------------------|
|        |               |                           |                                 |                                      |                                      |                         |                                 |                      |
|        |               |                           |                                 |                                      |                                      |                         |                                 |                      |

- a) After completion of tank cleaning, the contractor shall maintain a name board at every tank by painting the details such as tank capacity, date of cleaning, and next due date of cleaning for proper identification and record maintenance. (as per Annexure – 2).
- b) Before start of the tank cleaning work, the contractor shall ensure the arrangement and availability of all required safety equipment, necessary ladders, lifting arrangements, and cleaning equipment for carrying out the work safely and properly.
- c) The Engineer-in-Charge shall sign the record only after verification of the completed work and receipt of GPS-stamped photographs of the work carried out.
- d) The contractor shall check and ensure all necessary items before and after cleaning of the tank. A proper checklist record shall be maintained for the following activities.
  - i. Internal scrubbing and cleaning completed
  - ii. Disinfection / chlorination carried out
  - iii. Cleaning materials / chemicals used
  - iv. Condition of inlet, outlet, overflow, and drain pipes checked
  - v. Float valve checked
  - vi. Manhole cover condition checked
  - vii. Leakage observed and rectified
  - viii. Tank washed and flushed properly
  - ix. Refilling of tank completed
  - x. Photographs taken before and after cleaning

### **ANNEXURE -I (B)**

| Sl. No | Chlorination Date | Next due date of chlorination | Chlorinated Tank name with location | Name and signature of chlorinating person | Name and signature of cleaned person | Signature of supervisor | Signature of Engineer in charge | Remarks/ Observation |
|--------|-------------------|-------------------------------|-------------------------------------|-------------------------------------------|--------------------------------------|-------------------------|---------------------------------|----------------------|
|        |                   |                               |                                     |                                           |                                      |                         |                                 |                      |
|        |                   |                               |                                     |                                           |                                      |                         |                                 |                      |

- a) The Engineer-in-Charge shall sign the record only after verification of the completed work and receipt of GPS-stamped photographs of the work carried out.
- b) Before start of the tank cleaning work, the contractor shall ensure the arrangement and availability of all required safety equipment, necessary ladders, lifting arrangements, and cleaning equipment for carrying out the work safely and properly.

## **ANNEXURE - II**

|                                                                                                            |
|------------------------------------------------------------------------------------------------------------|
| <b>NAME OF THE TANK:</b><br><b>CAPACITY OF THE TANK:</b><br><b>CLEANING DATE:</b><br><b>NEXT DUE DATE:</b> |
|------------------------------------------------------------------------------------------------------------|

### **ANNEXURE -III**

#### **Daily check points of water supply system. (plumbing and mechanical)**

1. Availability of water source checked (Borewell / Open well / MCC water).
2. Check the nut and bolts, if those are rusted replace immediately
3. Water level in all sump tanks checked and maintained properly.
4. Water supplied to all departments, hostels, residential buildings, and other buildings
5. Operation of pumps and motors checked properly.
6. Pump leakage checked and rectified.
7. Pipelines inspected for leakage
8. Valves (gate valve / ball valve / float valve) checked properly.
9. Air valves, unions, bends, hose collars, and couplers inspected
10. Overhead tanks (OHT) and sump tanks inspected
11. Tank overflow condition checked.
12. Manhole covers checked and maintained properly
13. Rust condition of tank covers and pipelines checked
14. Water treatment / chlorination carried out properly
15. Sodium hypochlorite solution level checked
16. Water disinfectant plant functioning checked.
17. Cleaning of pump room and surrounding area completed.
18. Any abnormal sound / vibration in pump observed.
19. Water reaching all buildings properly confirmed.
20. Complaints attended and resolved.
21. Record of maintenance updated in register
22. Photographs taken, if any maintenance work carried out.

#### **Weekly check points of water supply system. (plumbing and mechanical).**

- 1) Complete inspection of all pumps and motors carried out.
- 2) Pump alignment, vibration, and abnormal noise checked
- 3) Pump gland leakage and mechanical seal condition checked.
- 4) Lubrication of motors and bearings carried out, if required.
- 5) Operation of standby pumps verified.
- 6) Inspection of all plumbing pipelines for leakage completed.
- 7) Gate valves, ball valves, NRVs, and float valves repaired/checked.
- 8) Condition of GI / PVC / HDPE/CPVC/UPVC pipelines checked
- 9) OHTs and sump tanks inspected for leakage or damage
- 10) Rusted portions of pipelines and tank covers identified /rectified
- 11) Water treatment and chlorination system inspected at water disinfectant plant
- 12) Sodium hypochlorite dosing system checked
- 13) Cleaning of pump house and surrounding area completed
- 14) Water supply reaching all departments/buildings verified
- 15) Water wastage and overflow points identified and rectified

- 16) Plumbing complaints pending status reviewed
- 17) Spare plumbing materials and fittings stock checked
- 18) Logbooks and maintenance records verified and updated
- 19) GPS-stamped photographs taken for major maintenance work

**Monthly check points of water supply system. (plumbing and mechanical).**

1. Complete preventive maintenance of pumps and motors carried out.
2. Pump efficiency and performance checked.
3. Bearings, coupling, gland packing, and mechanical seals inspected.
4. Lubrication and greasing of motors and pump bearings completed.
5. Standby pumps and alternate power supply systems tested.
6. Inspection of all plumbing pipelines and joints completed.
7. Major leakage points identified and rectified.
8. Condition of gate valves, ball valves, NRVs, and float valves checked.
9. Inspection of inlet, outlet, overflow, and drain lines completed.
10. OHTs and sump tanks checked for leakage, cracks, and structural condition.
11. Water treatment and chlorination system performance checked all equipment of water disinfectant plant.
12. Sodium hypochlorite dosing arrangement inspected.
13. Water supply distribution to all departments/buildings verified if any grasses are grown up under the tank cut it down immediately.
14. Water wastage, overflow, and unauthorized usage checked.
15. Stock verification of plumbing and maintenance materials completed.
16. Review of complaint register and pending maintenance works completed.
17. Maintenance logbooks and checklists verified by Engineer In-charge.

**ANNEXURE – IV****List of Water Storage Tanks and Capacities at NITK Surathkal**

| SL NO                      | LOCATION                              | QTY | UNIT (Ltrs) | TOTAL(Ltrs) |
|----------------------------|---------------------------------------|-----|-------------|-------------|
| <b>MAIN SUMP TANKS</b>     |                                       |     |             |             |
| 01                         | Near English medium school            | 1   | 2,00,000.00 | 2,00,000    |
| 02                         | In pump house circular sump tank      | 1   | 9,00,000.00 | 9,00,000    |
| 03                         | In pump house circular sump tank      | 1   | 7,00,000.00 | 7,00,000    |
| 04                         | In pump house circular sump tank      | 1   | 4,50,000.00 | 4,50,000    |
| 05                         | In pump house rectangular sump tank   | 1   | 70,000.00   | 70,000      |
| <b>Main Overhead tanks</b> |                                       |     |             |             |
| 06                         | Near English medium school north side | 1   | 1,20,000.00 | 1,20,000    |
| 07                         | Near English medium school south side | 1   | 90,000.00   | 90,000      |
| 08                         | Near Gymkhana building                | 1   | 1,20,000.00 | 1,20,000    |
| <b>Over head tanks:</b>    |                                       |     |             |             |
| 09                         | AP flat quarters                      | 2   | 12,000.00   | 24,000      |
| 10                         | L Flat quarters                       | 2   | 8,000.00    | 16,000      |
| 11                         | L Flat quarters                       | 2   | 12,000.00   | 24,000      |
| 12                         | P flat quarters                       | 3   | 10,000.00   | 30,000      |
| 13                         | CL-III Flat quarters                  | 2   | 6,000.00    | 12,000      |
| 14                         | CL-III Flat quarters                  | 2   | 4,000.00    | 8,000       |
| 15                         | CL-III Flat quarters                  | 6   | 750.00      | 4,500       |
| 16                         | CL-IV Flat quarters                   | 2   | 6000.00     | 12,000      |
| 17                         | MS flat quarters                      | 2   | 20,000.00   | 40,000      |
| 18                         | Type IV Flat quarters                 | 2   | 8,000.00    | 16,000      |
| 19                         | Director bungalow                     | 3   | 1,000.00    | 3,000       |
| 20                         | Basic science building                | 1   | 1,00,000.00 | 1,00,000    |
| 21                         | Food court building (2+2)             | 4   | 1,000.00    | 4,000       |
| 22                         | Silver jubilee building               | 3   | 2,000.00    | 6,000       |
| 23                         | Central computer centre               | 2   | 2,000.00    | 4,000       |
| 24                         | RE office building                    | 1   | 6,000.00    | 6,000       |
| 25                         | Pump house building                   | 2   | 500.00      | 1,000       |
| 26                         | Health care centre building           | 2   | 1000.00     | 2,000       |
| 27                         | CRF Annex building                    | 4   | 1,000.00    | 4,000       |
| 28                         | CRF works shop building               | 2   | 1000.00     | 2,000       |
| 29                         | Central library building              | 2   | 50,000.00   | 1,00,000    |
| 30                         | Mathematics department building       | 2   | 1000.00     | 2,000       |
| 31                         | Mathematics lab building              | 1   | 2,000.00    | 2000        |
| 32                         | LHC-A Building                        | 1   | 25,000.00   | 25,000      |
| 33                         | SBI Building                          | 1   | 500.00      | 500         |
| 34                         | Commercial complex                    | 1   | 1,000.00    | 1000        |
| 35                         | Administration building               | 2   | 7,500.00    | 15,000      |
| 36                         | Student activity centre               | 2   | 1000.00     | 2,000       |
| 37                         | Mechanical dept.                      | 1   | 1,50,000.00 | 1,50,000    |
| 38                         | Hydraulics metallurgy dept.           | 1   | 40,000.00   | 40,000      |
|                            | + 2,000.00 ltrs                       | 2   | 2,000.00    | 4,000       |
| 39                         | Chemical eng. Dept.                   | 2   | 50,000.00   | 1,00,000    |
| 40                         | PG Chemical building                  | 1   | 5,000.00    | 5,000       |
| 41                         | Mining engg department                | 1   | 15,000.00   | 15,000      |
| 42                         | Civil Engg. building                  | 1   | 15,000.00   | 15,000      |
| 43                         | Ladies common room                    | 2   | 500.00      | 1,000       |
| 44                         | Water resource department             | 1   | 50,000.00   | 50,000      |

|    |                             |    |           |          |
|----|-----------------------------|----|-----------|----------|
| 45 | Marine structure lab        | 3  | 1,000.00  | 3,000    |
| 46 | Placement department        | 5  | 1,000.00  | 5,000    |
| 47 | IT/EC Dept building         | 1  | 20,000.00 | 20,000   |
| 49 | Gymnasium building          | 1  | 1,000.00  | 1,000    |
| 50 | CSE Department building     | 2  | 50,000.00 | 1,00,000 |
| 51 | LHC – C building            | 2  | 50,000.00 | 1,00,000 |
| 52 | ISH building                | 3  | 2000.00   | 6,000    |
| 53 | J C bose guest house        | 1  | 8,000.00  | 8,000    |
| 54 | CV Raman guest house        | 1  | 2,000.00  | 2,000    |
| 55 | Homi J baba guest house     | 2  | 2000.00   | 4,000    |
| 56 | Vikram Sarabhai G. house    | 2  | 5,000.00  | 10,000   |
| 57 | 1st block hostel (Karavali) | 10 | 2,000.00  | 20,000   |
|    | + 1000                      | 1  | 1000.00   | 1000     |
| 58 | 2nd block hostel (Aravali)  | 10 | 2,000.00  | 20,000   |
| 59 | 3rd block hostel (Vindhya)  | 2  | 20,000.00 | 40,000   |
|    | +2,000                      | 1  | 2,000.00  | 2,000    |
|    | +1,000                      | 1  | 1,000.00  | 1,000    |
| 60 | 5th boys hostel (Nilgiri)   | 2  | 18,000.00 | 36,000   |
|    | + 2000                      | 2  | 2,000.00  | 4,000    |
| 61 | 6th boys hostel (Puspagiri) | 8  | 1000.00   | 8,000    |
|    | + 1000                      | 1  | 5000.00   | 5000     |
|    | + 2000                      | 2  | 2000.00   | 4000     |
| 62 | 7th boys hostel (shayadri)  | 2  | 50,000.00 | 1,00,000 |
|    | + 25,000                    | 1  | 25,000.00 | 25,000   |
| 63 | Mega hostel mess            | 1  | 9,000.00  | 9000     |
| 64 | Type 03 flat quarters       | 2  | 8,000.00  | 16,000   |
|    | +25,000                     | 1  | 25,000.00 | 25,000   |
| 65 | Type-5 flat quarters        | 3  | 12,000.00 | 36,000   |
|    | + 16340                     | 1  | 16,340.00 | 16340    |
|    | + 13,500                    | 1  | 13,500.00 | 13,500   |
| 66 | Type – 06 Flat quarters     | 2  | 3,960.00  | 7920     |
|    | + 7,095                     | 2  | 7,095.00  | 14,190   |
|    | + 4,320                     | 1  | 4320.00   | 4320     |
|    | + 6,480                     | 1  | 6480.00   | 6480     |
|    | + 17,820                    | 1  | 17,820.00 | 17,820   |
|    | + 5020                      | 1  | 5,020.00  | 5020     |
|    | + 13,230                    | 1  | 13,230.00 | 13,230   |
|    | + 9000                      | 1  | 9,000.00  | 9,000    |
| 67 | GH-1 (Ganga)                | 1  | 9,000.00  | 9,000    |
| 68 | GH-2 (kavery)               | 1  | 6,000.00  | 6,000    |
|    | + 10,200                    | 1  | 10,200.00 | 10,200   |
| 69 | GH-3                        | 2  | 54,000.00 | 10,8000  |
| 70 | GH-4                        | 2  | 39,170.00 | 78,340   |
| 71 | GH-5                        | 1  | 9,000.00  | 9,000    |
|    | + 34,200                    | 2  | 34,200.00 | 68,400   |
|    | + 1,000                     | 4  | 1,000.00  | 4,000    |
| 72 | Mega tower – 1 (RCC)        | 2  | 25,000.00 | 50,000   |
|    | + Polythylen tank           | 4  | 10,000.00 | 40,000   |
|    | + Polythylen tank           | 4  | 3,000.00  | 12,000   |
| 73 | Mega tower – 2 (RCC)        | 2  | 25,000.00 | 50,000   |
|    | + Polythylen tank           | 4  | 10,000.00 | 40,000   |
|    | + Polythylen tank           | 4  | 3,000.00  | 12,000   |
| 74 | Mega tower -3 (RCC)         | 2  | 25,000.00 | 50,000   |
|    | + Polythylen tank           | 4  | 10,000.00 | 40,000   |

|                  |                                |   |             |          |
|------------------|--------------------------------|---|-------------|----------|
|                  | + Polythylen tank              | 4 | 3,000.00    | 12,000   |
| 75               | GH-3 MESS                      | 2 | 10,000.00   | 20,000   |
| 76               | GH – 06 (Godavari) fire        | 1 | 26,800.00   | 26,800   |
|                  | + 25,200                       | 1 | 25200.00    | 25,200   |
|                  | + 25,200                       | 1 | 25,200.00   | 25,200   |
|                  | Domestic 1                     | 1 | 15,600.00   | 15,600   |
|                  | + 14,400                       | 1 | 14,400.00   | 14,400   |
|                  | + 14,400                       | 1 | 14,400.00   | 14,400   |
| 77               | 10 TH Boys hostel OHT-1 Fire-1 | 1 | 12,500.00   | 12,500   |
|                  | + Fire-2                       | 1 | 12,500.00   | 12,500   |
|                  | + 13,600.00                    | 1 | 13,600.00   | 13,600   |
|                  | +7,100.00                      | 1 | 7,100.00    | 7,100    |
|                  | OHT-2 Fire-1                   | 1 | 12,500.00   | 12,500   |
|                  | Fire-2                         | 1 | 12,500.00   | 12,500   |
|                  | +13,600                        | 1 | 13,600.00   | 13,600   |
|                  | +7,100                         | 1 | 7,100.00    | 7,100    |
|                  | OHT -3 FIRE-1                  | 1 | 12,500.00   | 12,500   |
|                  | Fire-2                         | 1 | 12,500.00   | 12,500   |
|                  | + 13,600                       | 1 | 13,600.00   | 13,600   |
|                  | +7,100                         | 1 | 7,100.00    | 7,100    |
|                  | OHT-4 Fire-1                   | 1 | 12,500.00   | 12,500   |
|                  | Fire-2                         | 1 | 12,500.00   | 12,500   |
|                  | + 5,400                        | 1 | 5,400.00    | 5,400    |
|                  | + 5,400                        | 1 | 5,400.00    | 5,400    |
|                  | OHT-5 Fire-1                   | 1 | 16,600.00   | 16,600   |
|                  | FIRE-2                         | 1 | 8,400.00    | 8,400    |
|                  | + 8,400                        | 1 | 8,400.00    | 8,400    |
|                  | OHT-6 Fire-1                   | 1 | 10,500.00   | 10,500   |
|                  | + 4,000                        | 1 | 4,000.00    | 4,000    |
|                  | +5,300.00                      | 1 | 5,300.00    | 5,300    |
| 78               | 11th Boys hostel (Siwalik)     |   |             |          |
|                  | OHT-1 Fire                     | 1 | 25,200.00   | 25,200   |
|                  | +19,800.00                     | 1 | 1,9800.00   | 19800    |
|                  | OHT-2 fire                     | 1 | 25,200.00   | 25,2000  |
|                  | + 19,800                       | 1 | 19,800.00   | 19,800   |
|                  | OHT-3 fire                     | 1 | 26,600.00   | 26,600   |
|                  | +10,180                        | 1 | 10,180.00   | 10,180   |
| 79               | COE Fire-1                     | 1 | 10,500.00   | 10,500   |
|                  | + 20,000                       | 1 | 20,000.00   | 20,000   |
|                  | +174,600                       | 1 | 17,600.00   | 17,600   |
| 80               | CRF fire                       | 1 | 5,400.00    | 5,400    |
|                  | + 5,400                        | 1 | 5,400.00    | 5,400    |
| 81               | New Sports complex             | 6 | 2,000.00    | 12,000   |
| <b>Sump tank</b> |                                |   |             |          |
| 82               | Type- iv Flat quarters         | 2 | 22,000.00   | 22,000   |
| 83               | B Type Flat quarters           | 1 | 50,000.00   | 50,000   |
| 84               | Basic science building         | 1 | 20,000.00   | 20,000   |
|                  | +1,20,000                      | 1 | 1,20,00.00  | 1,20,000 |
|                  | + 20,000                       | 1 | 20,000.00   | 20,000   |
| 85               | Chemical building dept.        | 1 | 1,00,000.00 | 1,00,000 |
| 86               | Mining eng. Dept.              | 1 | 12,000.00   | 12,000   |
| 87               | Water resource dept.           | 1 | 30,000.00   | 30,000   |
| 88               | IT/ EE Dept. building          | 1 | 50,000.00   | 50,000   |
| 89               | EC Dept. building              |   |             |          |

|    |                          |   |           |          |
|----|--------------------------|---|-----------|----------|
| 90 | Near JC boss guest house | 2 | 50,000.00 | 1,00,000 |
| 91 | Central library building | 1 | 50,000.00 | 50,000   |
| 92 | CSE department building  | 1 | 50,000.00 | 50,000   |
| 93 | Food court building      | 1 | 20,000.00 | 20,000   |

Note: The above table is indicative. The scope of work shall water storage tanks located at residential quarters, academic buildings, and other buildings within the NITK campus

**ANNEXURE – V****List of existing pump set with location at NITK Surathkal.**

| <u>Sl. No.</u> | <u>Pumps</u>                         | <u>Capacity</u> | <u>Quantity</u> | <u>Location</u>                                  |
|----------------|--------------------------------------|-----------------|-----------------|--------------------------------------------------|
| 1.             | <u>Centrifugal Pump set</u>          | <u>45 Hp</u>    | <u>1</u>        | <u>Pump House</u>                                |
| 2.             | <u>Centrifugal Pump set</u>          | <u>15 Hp</u>    | <u>3</u>        | <u>Pump House</u>                                |
| 3.             | <u>Centrifugal Pump set</u>          | <u>40 Hp</u>    | <u>3</u>        | <u>Pump House</u>                                |
| 4.             | <u>Submersible Pump set</u>          | <u>10 Hp</u>    |                 | <u>Pump House</u>                                |
| 5.             | <u>Submersible Pump set</u>          | <u>5 Hp</u>     | <u>1</u>        | <u>English medium school's sump</u>              |
| 6.             | <u>France borewell</u>               | <u>7.5 Hp</u>   | <u>1</u>        | <u>Near flat type AP Quarters</u>                |
| 7.             | <u>Submersible Pump set</u>          | <u>10 Hp</u>    | <u>1</u>        | <u>Professor quarter's Open well</u>             |
| 8.             | <u>Submersible Pump set</u>          | <u>5 Hp</u>     | <u>2</u>        | <u>Type 3 quarter's sump</u>                     |
| 9.             | <u>Submersible Pump set</u>          | <u>5 Hp</u>     | <u>2</u>        | <u>Type 4 quarter's sump</u>                     |
| 10.            | <u>Submersible Pump set</u>          | <u>10 Hp</u>    | <u>2</u>        | <u>Type 5 quarter's sump</u>                     |
| 11.            | <u>Submersible Pump set</u>          | <u>10 Hp</u>    | <u>2</u>        | <u>Type 6 quarter's sump</u>                     |
| 12.            | <u>Submersible Pump set</u>          | <u>5 Hp</u>     | <u>1</u>        | <u>MS block sump tank</u>                        |
| 13.            | <u>Submersible Pump set</u>          | <u>5 Hp</u>     | <u>1</u>        | <u>Flat type AP quarters sump</u>                |
| 14.            | <u>Submersible Pump set</u>          | <u>10 Hp</u>    | <u>1</u>        | <u>Open well near 3<sup>rd</sup> Boys hostel</u> |
| 15.            | <u>Submersible Pump set</u>          | <u>10 Hp</u>    | <u>1</u>        | <u>Open well near 4<sup>rd</sup> Boys hostel</u> |
| 16.            | <u>Centrifugal monobloc pump set</u> | <u>10 Hp</u>    | <u>1</u>        | <u>Open well near 4<sup>rd</sup> Boys hostel</u> |
| 17.            | <u>Submersible Pump set</u>          | <u>7.5 Hp</u>   | <u>1</u>        | <u>Mega hostel tower 1</u>                       |
| 18.            | <u>Submersible Pump set</u>          | <u>7.5 Hp</u>   | <u>1</u>        | <u>Mega hostel tower 2</u>                       |
| 19.            | <u>Submersible Pump set</u>          | <u>7.5 Hp</u>   | <u>1</u>        | <u>Mega hostel tower 3</u>                       |
| 20.            | <u>Reception borewell pump set</u>   | <u>5 Hp</u>     | <u>1</u>        | <u>Near mega tower</u>                           |
| 21.            | <u>Borewell pump set</u>             | <u>7.5 Hp</u>   | <u>1</u>        | <u>Near 4<sup>th</sup> boys' hostel</u>          |
| 22.            | <u>Borewell pump set</u>             | <u>5 Hp</u>     | <u>1</u>        | <u>New ladies hostel</u>                         |
| 23.            | <u>Submersible Pump set</u>          | <u>5 Hp</u>     | <u>1</u>        | <u>GH 1 sump tank</u>                            |
| 24.            | <u>Submersible Pump set</u>          | <u>5 Hp</u>     | <u>1</u>        | <u>GH 2 sump tank</u>                            |
| 25.            | <u>Submersible Pump set</u>          | <u>3 Hp</u>     | <u>1</u>        | <u>GH 3 sump tank</u>                            |
| 26.            | <u>Submersible Pump set</u>          | <u>5 Hp</u>     | <u>1</u>        | <u>GH 4 sump tank</u>                            |
| 27.            | <u>Submersible Pump set</u>          | <u>5 Hp</u>     | <u>2</u>        | <u>GH 5 sump tank</u>                            |
| 28.            | <u>Submersible Pump set</u>          | <u>10 Hp</u>    | <u>2</u>        | <u>GH 6 sump tank</u>                            |
| 29.            | <u>Borewell pump set</u>             | <u>5 Hp</u>     | <u>1</u>        | <u>SBI</u>                                       |
| 30.            | <u>Borewell pump set</u>             | <u>5 Hp</u>     | <u>1</u>        | <u>SAC</u>                                       |

|     |                                      |               |          |                                                           |
|-----|--------------------------------------|---------------|----------|-----------------------------------------------------------|
| 31. | <u>Borewell pump set</u>             | <u>7.5 Hp</u> | <u>1</u> | <u>Football ground/Swimming pool near 33 KV</u>           |
| 32. | <u>Borewell pump set</u>             | <u>5 Hp</u>   | <u>1</u> | <u>New Mechanical block</u>                               |
| 33. | <u>Borewell pump set</u>             | <u>5 Hp</u>   | <u>1</u> | <u>New basic Science</u>                                  |
| 34. | <u>Centrifugal monobloc pump set</u> | <u>15 Hp</u>  | <u>1</u> | <u>Open well near beach entry gate</u>                    |
| 35. | <u>Centrifugal monobloc pump set</u> | <u>1 Hp</u>   | <u>1</u> | <u>Kanada medium school</u>                               |
| 36. | <u>Submersible Pump set</u>          | <u>1 Hp</u>   | <u>1</u> | <u>SE office car wash</u>                                 |
| 37. | <u>Submersible Pump set</u>          | <u>2 Hp</u>   | <u>1</u> | <u>E&amp;C building/ISH sump</u>                          |
| 38. | <u>Submersible Pump set</u>          | <u>7.5 Hp</u> | <u>1</u> | <u>E&amp;C building sump tank</u>                         |
| 39. | <u>Submersible Pump set</u>          | <u>3 Hp</u>   | <u>1</u> | <u>Hydraulics sump tank</u>                               |
| 40. | <u>Submersible Pump set</u>          | <u>5 Hp</u>   | <u>1</u> | <u>New Chemical sump tank</u>                             |
| 41. | <u>Submersible Pump set</u>          | <u>1 Hp</u>   | <u>2</u> | <u>Civil department sump tank &amp; New security shed</u> |
| 42. | <u>Submersible Pump set</u>          | <u>7.5 Hp</u> | <u>2</u> | <u>New chemical block sump tank</u>                       |
| 43. | <u>Submersible Pump set</u>          | <u>5 Hp</u>   | <u>1</u> | <u>CV Raman guest house</u>                               |
| 44. | <u>Submersible Pump set</u>          | <u>10 Hp</u>  | <u>1</u> | <u>Fountain Infront of main building</u>                  |
| 45. | <u>Submersible Pump set</u>          | <u>1 Hp</u>   | <u>1</u> | <u>Fountain Infront of main building (gardening)</u>      |
| 46. | <u>Submersible Pump set</u>          | <u>5 Hp</u>   | <u>1</u> | <u>Basic science sump tank</u>                            |
| 47. | <u>Submersible Pump set</u>          | <u>5 Hp</u>   | <u>1</u> | <u>Applied mechanics sump tank</u>                        |
| 48. | <u>Submersible Pump set</u>          |               | <u>2</u> | <u>New CSE building</u>                                   |
| 49. | <u>Submersible Pump set</u>          | <u>5 Hp</u>   |          | <u>Library sump tank</u>                                  |
| 50. | <u>Submersible Pump set</u>          | <u>1 Hp</u>   | <u>1</u> | <u>Near food Court sump tank</u>                          |
| 51. | <u>Submersible Pump set</u>          | <u>1 Hp</u>   | <u>1</u> | <u>Old chemical sump tank</u>                             |
| 52. | <u>Submersible Pump set</u>          | <u>15 Hp</u>  | <u>2</u> | <u>Boys' hostel Shivalik</u>                              |
| 53. | <u>Submersible borewell Pump set</u> | <u>3 Hp</u>   | <u>1</u> | <u>Near LHC</u>                                           |
| 54. | <u>Submersible borewell Pump set</u> | <u>1.5 Hp</u> | <u>1</u> | <u>Near sports complex</u>                                |
| 55. | <u>Submersible Pump set</u>          | <u>1 Hp</u>   | <u>1</u> | <u>Mining department</u>                                  |
| 56. | <u>Submersible Pump set</u>          | <u>1.5 Hp</u> | <u>1</u> | <u>Director's bungalow gardening pump</u>                 |

Note: These details are only for tendering purpose actual details may vary

**Letter of Transmittal cum undertaking**

To:

The Dy. Director,  
NITK, Surathkal,  
Srinivasnagar Post, Mangaluru – 575 025.

Sir,

Sub.:Tender for Comprehensive operation and maintenance of the water supply system at NITK, Surathkal.

Having examined and understood the details given in the Notice inviting e-tenders and the tender document for the above work, I / we hereby submit our tender with the following declaration:

1. I/ we hereby declare that all the statements made by me/ us in my/ our bid are true and correct to the best of my/our knowledge and belief.
2. I/ we have herewith furnished all the information and details. I/ we have no further pertinent information to furnish.
3. I/ we declare that before uploading this bid, I/ we have read and fully understood all the terms and conditions, instructions contained therein and undertake myself/ ourselves to abide by the said terms and conditions.
4. I/ we also agree that the NITK, Surathkal can approach individuals, departments, employees or firms mentioned in our statements or any other firms/ agencies/ departments to verify our competence and general reputation.
5. I/ we agree that the bid quoted by me/ us is valid for 180 days from the date of submission of the bid for its acceptance. I/ we further agree that I/ we will not make any change in our price bid after its submission or withdraw the same (However, revision of minimum wage shall be considered by the Institute separately under related Clause of the contract).
6. I/ we declare that we have considered all related Acts and Rules framed there-under such as Minimum Wages Act and its amendments; Contract Labour (R&A) – Act and its amendments; and other statutory obligations/provisions such as Code on Wages Act; Code on Social Security/ Workmen Compensation Act, Payment of Gratuity Act 1972 and its amendments; Employees' Provident Funds and Miscellaneous Provisions Act – 1952 and Amendment Act 1988 and its amendments; Employees State Insurance Act – 1948 and Amendment Act – 1989 & 2010 and its amendments while deriving our price bid. I/ we further declare that I / we abide by the said Acts and Rules.
7. I/ we hereby agree to take group insurance on award of work.
8. I/We hereby declare that, I/We have visited, inspected and examined the site and its surroundings and satisfied ourselves before submitting this tender about the nature of the work, facilities that may be required and obtained necessary information about working conditions, risk contingencies etc., which may influence our bid.

Yours faithfully,

Date:

Seal & signature of Authorized signatory

**Declaration by the Bidder:**

I/We have read and examined the notice inviting tender, General Rules and Directions, Conditions of Contract, clauses of contract, other documents and Rules referred to in the conditions of contract and all other contents in the tender document before submitting my/our tender on e-Procurement portal.

I/We hereby tender for the work specified in the notice inviting e-tenders for the National Institute of Technology Karnataka, Surathkal and agree to undertake the same if awarded within the time specified in the tender document/ letter of acceptance/ work order.

I/ we declare that the decision of the Institute on determination of lowest price bid is final and binding on me/ us.

A sum of ` ----- is hereby forwarded by means e-payment/ Bid Security Declaration/ exempted (MSME/NSIC/ Startup). If I/we, fail to commence the work specified I/we agree that the Institute shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely.

Seal and signature of the bidder with date

Address:

**ACCEPTANCE**

The above tender (as modified and provided in the letters mentioned hereunder) is accepted by me for and on behalf of the Board of Governors, National Institute of Technology Karnataka, Surathkal.

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

- a) Letter of Intent dated - -2026
- b) Work order and all future correspondences
- c) Bid Documents and the documents submitted by the bidder.

Dy. Director  
For & on behalf of NITK, Surathkal

Dated

**FORMAT OF AFFIDAVIT**

**[On a stamp paper of ₹ 100 duly sworn before the Public Notary/ Oath Commissioner]**

**Name of work:** Comprehensive operation and maintenance of the water supply system at NITK, Surathkal.

Affidavit of Mr./Ms. \_\_\_\_\_, S/o/ of Mr. \_\_\_\_\_ aged about \_\_\_\_\_ years, resident of \_\_\_\_\_, working as \_\_\_\_\_ (designation) for \_\_\_\_\_ (name and address of the bidding agency).

I, the deponent named above, solemnly affirm and state as under:

1. That I am working as \_\_\_\_\_ /proprietor of the \_\_\_\_\_ (name of the firm) and authorized to sign this affidavit.
2. That the firm M/s---- (complete address of the firm) has not abandoned or suspended any contract work of any organization/ department so far/ during the previous five financial years.
3. That the firm M/s---- (complete address of the firm) has not been blacklisted/ debarred for competing in tenders by any organization/ department so far/ during the previous five financial years.
4. I solemnly verify that the facts stated above are true and nothing material has been concealed.

Seal and Signature of deponent

Identified by:

Solemnly affirmed and signed before me by the Deponent after the contents of this affidavit were read over to him, and stated by him to be true and correct, on this ----- day of ----- 2026, at -----.

Public Notary/ Oath Commissioner

## **Annexure-VI**

### **Format of Experience Certificate**

| <b>Sl. No.</b> | <b>Name of the Contract</b> | <b>Name of the Client</b> | <b>Brief Description of Work</b> | <b>Date of Start</b> | <b>Date of completion as per contract</b> | <b>Date of actual completion of Work</b> | <b>Value (₹)</b> | <b>Type of Industry (MF/Institution)</b> |
|----------------|-----------------------------|---------------------------|----------------------------------|----------------------|-------------------------------------------|------------------------------------------|------------------|------------------------------------------|
|                |                             |                           |                                  |                      |                                           |                                          |                  |                                          |
|                |                             |                           |                                  |                      |                                           |                                          |                  |                                          |
|                |                             |                           |                                  |                      |                                           |                                          |                  |                                          |
|                |                             |                           |                                  |                      |                                           |                                          |                  |                                          |
|                |                             |                           |                                  |                      |                                           |                                          |                  |                                          |
|                |                             |                           |                                  |                      |                                           |                                          |                  |                                          |

The above project have been satisfactorily completed.

**Signature of Bidder with Seal**

**Note: The Experience certificate mentioned in the format needs to be enclosed with this Annexure.**

**Format of Letter of Intent/ Acceptance**

(In the Letterhead of the Institute)

No. 98/ CAMC(Water Supply)/Tender – 02/2026-27/HD

Date: -----

Through Speed Post

To:

(Name and address of the contractor)

Sir,

Sub.:Comprehensive operation and maintenance of the water supply system at NITK, Surathkal.

–

Letter of Intent/ Acceptance – Reg.

- Ref.: 1. Notice inviting tender No. 98/ CAMC(Water Supply)/Tender – 02/2026-27/HD dated 02-09-2026  
2. Your e-tender submitted through e-procurement portal  
(<https://eprocure.gov.in/eprocure/app>)

This is to inform you that, subject to the terms and conditions of Notice inviting tender No. 98/ CAMC (Water Supply)/Tender – 02/2026-27/HD dated 02-09-2026 and the tender document, your tender submitted through e-procurement portal for the work mentioned above is accepted as follows:

|                                  |
|----------------------------------|
| Details of Price bid as accepted |
|----------------------------------|

Note: GST is extra as applicable.

You are requested to submit a Security deposit of 2.5% by means of Fixed Deposit Receipt or Demand Draft of any scheduled bank drawn in favour of the Director, NITK, Surathkal or through e-payment [RTGS or NEFT] OR Bank Guarantee bond of any scheduled bank (in the approved format, valid for 36 months) within **Seven days** from the date of issue of this letter.

You are also requested to attend this office within **Seven days** from the date of issue of this letter along with a non-judicial stamp paper of ₹ 500 for executing an agreement. You are further requested to submit a certified/ self-attested copy of all the documents uploaded while submitting e-tender on e-procurement portal, and the original affidavit.

Subject to the fulfilment of the terms and conditions of the tender/ contract documents, the period of contract shall be for One year starting from ----- . Hence you are requested to take all needful action to commence the work from -----.

Yours sincerely,

Dy. Director  
NITK, Surathkal.

Copy to:

## **ANNEXURE - VII**

### **Format of Agreement**

(To be made on Rs 500.00 Non-Judicial Stamp Paper)

#### **AGREEMENT FOR COMPREHENSIVE COMPREHENSIVE OPERATION AND MAINTENANCE OF THE WATER SUPPLY SYSTEM AT NITK, SURATHKAL**

This agreement is made on \_\_\_\_\_ day of \_\_\_\_\_ Two thousand Twenty Six between NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA as one part, hereinafter called 'NITK' and M/s \_\_\_\_\_, having its registered office at \_\_\_\_\_ hereinafter called the 'Agency' for Comprehensive Operation and Maintenance of Water Supply System at NITK. WHEREAS the NIT is desirous to engage the Agency for Comprehensive Operation and Maintenance of Water Supply System at NITK on the terms and conditions stated below:

1. The Agency shall be solely responsible for compliance to provisions of various labour, Industrial and any other laws applicable and all statutory obligations, such as, wages, Allowances, compensations, EPF, Bonus, Gratuity, ESI, etc. relating to electrical maintenance personnel deployed in NITK. The NITK shall have no liability in this regard.
2. The Agency shall be solely responsible for any accident/medical/health related Liability/compensation for the personnel deployed by it at NITK. The NITK shall have no liability in this regard.
3. Any violation of instruction/agreement or suppression of facts will attract cancellation of agreement without any reference or any notice period.
4. The contract can be terminated by giving one month notice on either side. In case of non-compliance with the contract, the NITK reserves its right to:
  - a) Cancel/revoke the contract; and/or
  - b) Impose penalty up to 10% of the total annual value of contract.
5. Security deposit equal to 2.0% of the Annual Contract Value (refundable Without interest after three months of termination of contract) in the form of Pay Order/Demand Draft or Bank Guarantee shall be furnished at the time of signing of the Agreement.
6. The Agency shall be fully responsible for timely monthly payment of wages and any other dues to the personnel deployed in NITK.
7. The Technical personnel provided by the Agency shall not claim to become the employees of NITK and there will be no Employee and Employer relationship between the personnel engaged by the Agency for deployment in NITK.
8. There would be no increase in rates payable to the Agency during the contract period except reimbursement of the statutory wages revised by the Govt.
9. Decision of NITK with regard to interpretation of the Terms and Conditions and the Agreement shall be final and binding on the Agency.
10. In case of any dispute between the Agency and NITK, NITK shall have the right to decide. However, all matters of jurisdiction shall be at the local courts located at MANGALORE.

This Agreement will take effect from \_\_\_\_\_ day of \_\_\_\_\_ Two thousand Twenty Six and shall be valid for One year & the contract may be extended for another 1+1 year on the basis of satisfactory service.

IN WITNESS WHEREOF both the parties have set and subscribed their respective hands with their Seal in Mangalore in the presence of the witness:

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, Surathkal

Seal and signature of the contractor

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Dy. Director, For NITK

Witness: 1.

2.

AGENCY

Witness: 1.

2.

**Format of Work Order**  
(In the Letterhead of the Institute)

No. 98/ CAMC(Water Supply)/Tender – 02 /2026-27/HD

Date: -----

Through Speed Post

To:  
(Name and address of the contractor)

Sir,

Sub.: Comprehensive operation and maintenance of the water supply system at NITK,  
Surathkal.

– Work Order

issued – Reg.

Ref.: This office letter of acceptance No. 98/ CAMC(Water Supply)/Tender – 02/2026-  
27/HD dated 02-09-2026

The agreement dated ----- for the above work is accepted. A copy of the agreement is enclosed. You are requested to contact the Superintending Engineer of this Institute for further instructions.

Subject to satisfactory performance and subject to terms and conditions of the agreement, the contract is for two years starting from ----- . The payment payable under this contract is as follows:

|                                  |
|----------------------------------|
| Details of Price bid as accepted |
|----------------------------------|

Note: GST is extra as applicable.

You are requested to obtain Labour Licence from the Assistant Labour Commissioner (C) as per Contract Labour (Regulation and abolition) Act 1970 and the Central Rules framed thereunder, and submit a copy of the same to this office for record purpose. Form No. 3 required in this connection is enclosed herewith.

You are further requested to submit an Indemnity bond as per the terms of the contract within seven days.

Yours sincerely,

Encl.: As above.

Dy. Director  
NITK, Surathkal.

Copy to:

1. Assistant Labour Commissioner (C), BSNL building, Padua, NH-66, Kadri, Mnagaluru - 575004 - for information.

Copy to:

**Format of Indemnity bond (To be submitted by the successful bidder after executing the Contract)**

(TO BE NOTORISED ON A STAMP PAPER OF APPROPRIATE VALUE)

Name of the work: Comprehensive operation and maintenance of the water supply system at NITK, Surathkal.

KNOW all men by these presents that M/s ----- (name and address of the contractor) do hereby execute Indemnity bond in favour of the National Institute of Technology Karnataka, Surathkal, Mangaluru – 575 025, on this ----- day of -----

THIS DEED WITNESSED as follows:

We (Name and address of the contractor) do hereby indemnify and save harmless National Institute of Technology Karnataka, Surathkal, Mangaluru – 575 025 from:

1. Any third-party claims, civil or criminal complaints/ liabilities/ site mishaps and other accidents or disputes; and/ or damages occurring or arising out of any mishap due to my/ our negligence in performing the contract for **Comprehensive operation and maintenance of the water supply system at NITK, Surathkal.**
2. Any damages, loss or expenses due to or resulting from any negligence or breach of duty on the part of me/ us or my workers/employees;
3. Any claims by workers of mine/ ours under the Workman Compensation Act or Employees Liability Act or Minimum Wages Act or any other Act/ Law/ Rules and regulations in force from time to time under any Law in respect of injuries to persons or property arising out of in the course of execution of contract and/ or arising out of in the course of employment of any workers/ employees;
4. Any act or omission of mine/ ours which involve any loss or damages or liability or civil or criminal action.

IN WITNESSETH WHEREOF the above named has set his signature on this day-----

Signed and delivered by the aforesaid in the presence of witness:

- 1.
- 2.

Seal and signature of the Notary

## **ANNEXURE -VII**

### **FORMAT OF BANK GUARANTEE FOR SECURITY DEPOSIT**

1. THIS DEED OF GUARANTEE made this Date of PBG commencement By Name of Bank in f a v o r of M/s. National Institute of Technology Karnataka, Surathkal, having its registered office at National Institute of Technology Karnataka, Surathkal
2. WHEREAS Ms. National Institute of Technology (hereinafter called the "COMPANY ") have placed work order(s) which are pending as on date and also proposes to place further work order(s) (hereinafter called the "CONTRACT" up to Date of PBG commencement for Work order no ..... **Comprehensive operation and maintenance of the water supply system at NITK, Surathkal.** Dated With (Name of the Contractor & Address) (herein after called the "CONTRACTOR") and as per the terms of the contract, the company has issued/proposes to issue raw materials to the contractor to enable them to complete the work.
3. AND WHEREAS one of the conditions for placing such contract(s) is that the Contractor/ Supplier shall provide the Company a Bank Guarantee for ₹ -----/(2.5% of contract value) in lieu of cash and towards the security deposit for the raw materials supplied and to be supplied, in pursuance of the contract(s) already placed but pending as on date and the contract(s) to be placed from time to time up to -----(date) and also for the satisfactory performance and completion of work/supply as per the terms and conditions of the said contract(s).
4. AND WHEREAS the Name of the Contractor approached the Name of the Bank and at their request and in consideration of the arrangement arrived at between the said Contractor Name of the Contractor and the said Bank.
5. We 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 Company stating that the amount claimed is due by way of Inss or damage caused to or would be caused to or suffered by the Company by reason of breach by the said Contractor(s) of any of the terms and conditions contained in the said Agreement or by the reason of the contractor(s) 'failure to perform' the said agreement. 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 -----/-
6. We Name of the Bank further assure that the Contractor/ Supplier shall be responsible for the safe custody and protection of the raw materials that have been supplied/and to be supplied to NITK under the contract(s) already placed but pending as on date and to be placed up to End date of the against all risks till they are delivered back as finished products to NITK as per the terms and conditions of the Contract or as they may direct and until such time, the Contractor/ Supplier shall hold the raw materials in trust for NITK and shall not alienate the same in any manner whatsoever by way of sale or mortgage or charge or hypothecation etc. in favour of anyone else including the bank herein or any other banks /financial institutions etc.

The raw materials shall always remain the property of NITK and the Bank shall indemnify NITK against the loss, damage or deterioration whatsoever in respect of the said raw materials while in the possession of the Contractor/Supplier. The raw materials of NITK shall always be open for inspection by any Officer authorized by NITK. The liability under this Guarantee is a continuing one covering all contracts already placed but pending as on date and to be placed up to and should any loss or damage occur on account of the breach of the terms and conditions of the said contract(s) by the Contractor/ Supplier or should any surplus raw materials become due to the Company under the Contract(s) and remains undelivered by the

Company, the Bank shall indemnify the Company for the loss /damage for the value of raw materials for \_\_\_\_\_/- (Rupees \_\_\_\_\_ only) and this is without prejudice to any other remedies which may be otherwise available to the Company by deduction from any sum due or any sum which at any time hereinafter become due from the Contractor/ Supplier under this or any other Contract(s).

7. We undertake to pay unconditionally to the Company any money so demanded notwithstanding any dispute(s) raised by the Contractor in any suit, or proceedings pending before any Court or Tribunal or Arbitration or before any other authority relating thereto our liability under this present being absolute and unequivocal. The payment under this guarantee would not wait till the disputes have been decided by any Court or Tribunal or in the arbitration proceedings or by any other authority. The payment so made by us under this Bond shall be a valid discharge of liability for payment there under and the Contractor(s) shall have no claim against us for making such payment.
8. We 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 force of the said Agreement and that it shall continue to be enforceable till all the dues of the Company under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till End date of PBG Office / Department/ Division of the Company certifies 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.
9. (i) Unless a demand or claim under this guarantee is made on us in writing on or before the End date of PBG we shall be discharged from all the liability under this guarantee thereafter. But where such claim or demand has been preferred by the Company with the Bank before the expiry of the said date, the claim shall be enforceable notwithstanding the fact that the said enforcement is affected after the said date.  
  
(ii) For the purpose of this clause, any letter making demand on the Bank by M/s. NIT dispatched by Registered Post with Ack. Due or by Telegram or by any Electronic media addressed to the above-mentioned address of the Bank shall be deemed to be the claim / demand in writing referred to above irrespective of the fact as to whether and when the said letter reaches the Bank, as also any letter containing the said demand or claim is lodged with the bank personally.
10. We Name of the Bank further agree with the company that the Company shall have the fullest liberty without our consent and without affecting 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 Company against the said Contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by any reason of any such variation or extension being granted to the said Contractor(s) or for any forbearance, act or omission on the part of the company or any indulgence by the company to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating would but for this provision have effect of not so relieving us.
11. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).
12. It shall not be necessary for the company to proceed against the contractor before proceeding against the guarantor-bank and the guarantee herein contained shall be enforceable against them notwithstanding any security, which the company may have obtained or obtain from the Contractor shall, at the time when proceedings are taken against the guarantor hereunder be outstanding or unrealized.
13. Any claim or dispute arising under the terms of this document shall only be enforced or settled in the

Courts at Mangalore.

14. The guarantor hereby declare that it has power to execute this guarantee and the executant has full powers to do so on its behalf under the proper authorities granted to him/them by the guarantor.
15. We Name of Bank lastly undertake not to revoke this guarantee during its currency except with the previous consent of the company in writing.

In witness whereof, we Name of Bank have hereunto setout Bank Seal the Date of PBG commencement.

Dated:

(Name of the bank)

Note: This guarantee should be issued on non-judicial stamped paper, stamped in accordance with stamp ac

**Price Schedule format (Only indicative, not comprehensive)**

**Please note: Please Do not fill this format. Price bid to be submitted through e-procurement portal duly downloading the BoQ and then to be uploaded duly filled. The following is only for information and guidance to fill the BoQ.**

Validate Print Help

**Item Wise BoQ**

Tender Inviting Authority: National Institute of Technology Karnataka, Surathkal, Mangaluru - 575 025.

Name of Work: Comprehensive Operation and maintenance of water supply system, at NITK, Surathkal.

Contract No: Notice inviting e-Tenders No. 98/CAMC (Water Supply)/Tender-02/2026-27/RD, dated 01-09-2026.

| Name of the Bidder/<br>Bidding Firm<br>/ Company :                                                                                                                                                                                                                                                                                                                       |                                                                                                     |                            |             |                                         |                                                                                                                                  |              |                                          |                                                 |                                                    |                                      |                                             |                                              |                       |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------|-------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------------------------|-------------------------------------------------|----------------------------------------------------|--------------------------------------|---------------------------------------------|----------------------------------------------|-----------------------|--|
| <div>PRICE SCHEDULE</div> <div>(DOMESTIC TENDERS - RATES ARE TO GIVEN IN RUPEES (INR) ONLY)</div> <div>(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only )</div> |                                                                                                     |                            |             |                                         |                                                                                                                                  |              |                                          |                                                 |                                                    |                                      |                                             |                                              |                       |  |
| SL No.                                                                                                                                                                                                                                                                                                                                                                   | Category of ManPower                                                                                | Estimated Quantity per Day | Units       | Quoted Currency in INR / Other Currency | Rate per manpower per day (without GST) to be entered by the Bidder I should not be less than the Min Wage)- (FOR PART - A ONLY) | VDA<br>Rs. P | Total Wage including VDA in INR<br>Rs. P | EPF Contribution of the Employer (Col.(9) x13%) | ESI Contribution of the Employer (Col.(9) x 3.25%) | TOTAL AMOUNT Without GST in<br>Rs. P | Total Amount per day (without GST)<br>Rs. P | Total Amount per Year (without GST)<br>Rs. P | TOTAL AMOUNT In Words |  |
| 1                                                                                                                                                                                                                                                                                                                                                                        | 2                                                                                                   | 4                          | 5           | 12                                      | 7                                                                                                                                | 8            | 9                                        | 10                                              | 11                                                 | 13                                   | 14                                          | 15                                           | 16                    |  |
| 1                                                                                                                                                                                                                                                                                                                                                                        | PART-A MANPOWER :<br>Skilled Category :<br>Technician with ITI                                      | 3.00                       | per Day     | INR                                     |                                                                                                                                  | 339.00       |                                          |                                                 |                                                    | 0.00                                 | 0.00                                        | 0.00                                         | INR Zero Only         |  |
| 2                                                                                                                                                                                                                                                                                                                                                                        | PART-A MANPOWER :<br>Semi-Skilled Category :<br>Shift Pump Operator                                 | 4.00                       | per Day     | INR                                     |                                                                                                                                  | 287.00       |                                          |                                                 |                                                    | 0.00                                 | 0.00                                        | 0.00                                         | INR Zero Only         |  |
| 3                                                                                                                                                                                                                                                                                                                                                                        | PART-B : Cleaning of Sump tank & Oil tanks (Yearly two times)                                       | 19000000.00                | per year    | INR                                     |                                                                                                                                  |              |                                          |                                                 |                                                    | 0.00                                 | 0.00                                        | 0.00                                         | INR Zero Only         |  |
| 4                                                                                                                                                                                                                                                                                                                                                                        | PART-C : Cost of Operation and repair of Equipment,Contractors Profit & Other overhead charges etc. | 1.00                       | Lot per day | INR                                     |                                                                                                                                  |              |                                          |                                                 |                                                    | 0.00                                 | 0.00                                        | 0.00                                         | INR Zero Only         |  |
| Total in Figures                                                                                                                                                                                                                                                                                                                                                         |                                                                                                     | (Part A + B+C)             |             |                                         |                                                                                                                                  |              |                                          |                                                 |                                                    | 0.00                                 | 0.00                                        | 0.00                                         | Zero Only             |  |
| Quoted Rate in Words                                                                                                                                                                                                                                                                                                                                                     |                                                                                                     | INR Zero Only              |             |                                         |                                                                                                                                  |              |                                          |                                                 |                                                    |                                      |                                             |                                              |                       |  |

Note: The Filed marked in Green shall only be filled by the bidder.