INDIAN INSTITUTE OF TECHNOLOGY DELHI

HAUZ KHAS, NEW DELHI - 110016

NAME OF WORK	:	**Comprehensive maintenance including day-to-day maintenance and operation of reverse osmosis system installed at various locations in IIT Delhi.**
ESTIMATED COST	:	**Rs. 57,37,085.00**
EMD	:	**Rs.1,14,742/-** (No Exemption allowed)
N.I.T. No.	:	**0656/168/EW/IITD/2024-25**
Date of Opening	:	**29-04-2025**

Name of work: Comprehensive maintenance including day-to-day maintenance and operation of reverse osmosis system installed at various locations in IIT Delhi.

NIT for the above work has been prepared with the following:

1	Amount of NIT	:	Rs.57,37,085.00
2	Earnest money	:	Rs.1,14,742.00 (No Exemption allowed)
3	Completion time	:	12 Months.
4	Last date of submission (online)	:	28-04-2025 upto 3:00 PM
5	Date of opening of Technical Bid	:	29-04-2025 at 3:00 PM
6	Form of NIT	:	IITD – 8
7	Schedule applicable	:	Minimum wages of Central Govt. of India.
8	Material stipulated	:	As per Schedule of Work
9	Chargeable head	:	Operation and Maintenance of Building services/ 31.06.30
10	Estimate no.	:	IITD/DB/0656
11	Work code no.	:	2021/006/0656
12	NIT No.	:	**0656/168/EW/IITD/2024-25**
13	Type of work	:	Maintenance works including works of upgradation, aesthetic, special repair, addition/ alteration

Certified that this NIT contains **1** to **47** pages.

NIT amounting to Rs.**57,37,085.00** is approved.

D/Man AEE [E] E.E (ED-I)

INDIAN INSTITUTE OF TECHNOLOGY DELHI
HAUZ KHAS, NEW DELHI – 110016
NOTICE INVITING E-TENDER

IITD/WORKS (SP- 4977)/2025

Executive Engineer (ED-I) Indian Institute of Technology Delhi, Hauz Khas, New Delhi-16. (Phone No. 011-2654-8437) on behalf of Board of Governors invites online **Item Rate Tender** from Firms/ Contractors Registered in appropriate class and category with CPWD, MES, BSNL and Railways and specialized agency as per details given below:

1	Name of Work	**:**	**Comprehensive maintenance including day-to day maintenance and operation of reverse osmosis system installed at various location in IIT Delhi.**
2	NIT No.	**:**	**0656/123/EW/IITD/2023-24**
3	Estimated cost	**:**	**Rs.57,37,085.00**
4	Earnest Money	**:**	**Rs.1,14,742.00 (No Exemption Allowed)**
5	Period of completion	**:**	**12 Month**
6	Last date & time of bid submission	**:**	**28-04-2025 upto 03:00 PM**
7	Performance Bank Guarantee	**:**	**5% of the tendered amount**

The bid forms and other details may be downloaded from Central Public Procurement Portal http://eprocure.gov.in/eprocure/app. Aspiring Bidders who have not enrolled / registered in e-procurement should enroll / register before participating through the website http://eprocure.gov.in/eprocure/app . The portal enrolment is free of cost. Bidders are advised to go through instructions provided at 'Instructions for online Bid Submission '.

Bidders can access Quotation / tender documents on the website (For searching in the NIC site, kindly go to Quotation Search option and type 'IIT'. Thereafter, Click on "GO" button to view all IIT Delhi Quotations). Select the appropriate Quotation / tender and fill them with all relevant information and submit the completed Quotation / tender document online on the website http://eprocure.gov.in/eprocure/app as per the schedule given in the next page.

No manual bids will be accepted. All bids (both Technical and Financial should be submitted in the E-procurement portal).

Executive Engineer [ED-I],
For & on Behalf of BOG, IIT Delhi

CH. Head: - Operation and Maintenance of Building services/ 31.06.30

Work code: - 2021/006/0656

Copy to: -

1. Institute Engineer
2. D.A. (Works Accounts) - for opening of tenders in the office of D.R. [SPS]
3. A.E. (E) Plg.
4. D.R. (A/Cs)
5. D.R. [SPS]
6. Notice Boards.
7. Office Copy
8. Web site Administrator, IITD

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SCHEDULE

1	Name of Organisation	**:**	Indian Institute of Technology Delhi
2	Tender / Quotation Type [open / limited / EOI / auction / single]	**:**	Open
3	Tender / Quotation Category [services / goods / works]	**:**	Goods & Works
4	Type / Form of Contract [work / supply / auction / service / buy / empanelment / sell]	**:**	Work & Supply
5	Product Category [civil works / electrical works / fleet management / computer systems]	**:**	Electrical Works
6	Is Multi Currency Allowed?	**:**	No
7	Date of issue / publishing /start	**:**	**21-04-2025 3:00 PM**
8	Document download start date	**:**	**21-04-2025 3:00 PM**
9	Document download end date	**:**	**28-04-2025 3:00 PM**
8	Last date & time of uploading of bids	**:**	**28-04-2025 upto 03:00 PM**
9	Date & time of opening of Technical Bids	**:**	**29-04-2025 at 03:00 PM**
10	Tender fee	**:**	NIL
11	Earnest Money Deposit (EMD)	**:**	Rs.1,14,742.00 [For EMD] (To be paid through RTGS/NEFT. IIT Delhi Bank details are as under: Name of the Bank A/C : IITD Revenue Account SBI A/C No. : 10773572622 Name of the Bank : State Bank of India, IIT Delhi, Hauz Khas, New Delhi-110016 IFSC Code : SBIN0001077 MICR Code : 110002156 Swift No. : SBININBB547 (This is mandatory that UTR Number is provided in the on-line quotation/bid. (Kindly refer to the UTR Column of the Declaration Sheet at Annexure-II)
12	No. of covers [1/2/3/4]	**:**	02
13	Bid Validity days (180/120/90/60/30)	**:**	**90 days (From last date of Submission of bid)**
14	Address for communication	**:**	Executive Engineer Electrical (ED-I), Works Organization, IIT Delhi, Hauz Khas, New Delhi – 110016
15	Contact No.	**:**	011- 26548437, 26591453
16	E-mail address	**:**	a26333@admin.iitd.ac.in aashish@admin.iitd.ac.in

INSTRUCTIONS FOR ONLINE BID SUBMISSION

As per the directives of Department of Expenditure, this Quotation / tender document has been published on the Central Public Procurement Portal (URL:http://eprocure.gov.in/eprocure/app). 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:

http://eprocure.gov.in/eprocure/app

REGISTRATION

1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL:http://eprocure.gov.in/eprocure/app) by clicking on the link "**Error! Hyperlink reference not valid.**". Enrolment on the CPP Portal 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 II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / 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 DSCs 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 QUOTATION /TENDER DOCUMENTS

1) There are various search options built in the CPP Portal, to facilitate bidders to search active Quotations / Tender by several parameters. These parameters could include Quotation ID, organization name, location, date, value, etc. There is also an option of advanced search for Quotations, 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 Quotation published on the CPP Portal.
2) Once the bidders have selected the Quotations they are interested in, they may download the required documents / Quotation schedules. These Quotations can be moved to the respective 'My Quotations' folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the Quotation document.
3) The bidder should make a note of the unique Quotation ID assigned to Nos. Quotation / 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 Quotation document before submitting their bids.

2) Please go through the Quotation / Tender advertisement and the Quotation / 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 Nos. 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 Quotation document / schedule and generally, they can be in PDF / XLS / RAR / DWF formats. Bid documents may be scanned with 100 dpi with black and white option.

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” 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.

SUBMISSION OF BIDS

1) Bidder should log into the site well in advance for bid submission so that he/she 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 Quotation document.

3) Bidder has to select the payment option as “offline” to pay the Quotation fee / EMD as applicable and enter details of the instrument.

4) A standard BOQ format has been provided with the Quotation document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. 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.

   OR

   In some cases Financial Bids can be submitted in PDF format as well (in lieu of BOQ).

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.

7) The uploaded Quotation documents become readable only after the Quotation opening by the authorized bid openers.

8) Upon the successful and timely submission of bids, 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.

9) Kindly add scanned PDF of all relevant documents in a single PDF file of compliance sheet.

ASSISTANCE TO BIDDERS

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

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. The contact number for the helpdesk is 1800 233 7315.

GENERAL INSTRUCTIONS TO THE BIDDERS

1) The Quotations will be received online through portal http://eprocure.gov.in/eprocure/app . In the Technical Bids, the bidders are required to upload all the documents in .pdf format.

2) Possession of a Valid Class II/III Digital Signature Certificate (DSC) in the form of smart card/e-token in the company's name is a prerequisite for registration and participating in the bid submission activities through https://eprocure.gov.in/eprocure/app. Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available in the web site https://eprocure.gov.in/eprocure/app under the link “Information about DSC”.

Bidders are advised to follow the instructions provided in the ‘Instructions to the Bidder for the e-submission of the bids online through the Central Public Procurement Portal for e Procurement at https://eprocure.gov.in/eprocure/app

INFORMATION AND INSTRUCTIONS TO BIDDERS FOR E-TENDERING

Executive Engineer (ED-I) Indian Institute of Technology Delhi, Hauz Khas, New Delhi-16. (Phone No. 011-26548437) on behalf of Board of Governors invites online **Item Rate Tender** from Firms/ Contractors Registered in appropriate class and category with CPWD, MES, BSNL and Railways and specialized agency as per details given below:

Sl. No.	N.I.T. No.	Name of work & Location	Estimated cost put to bid	Earnest Money	Period of completion	Last date & time of submission of bid (online mode)	Time & date of opening of Technical	Time & date of opening of Financial Bid
[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
1	**0656/168/EW/IITD/2024-25**	**Comprehensive maintenance including day-to-day maintenance and operation of reverse osmosis system installed at various location in IIT Delhi.**	**Rs. 57,37,085.00**	**Rs. 1,14,742.00** (No Exemption allowed)	**12 Months**	**28-04-2025 upto 03:00 PM**	**29-04-2025 at 03:00 PM**	**To be intimated after assessing technical bid.**

1. The successful bidder shall be required to submit a performance guarantee of 5% of the tendered amount in the form of Bank Guarantee or F.D.R. from a Nationalized / Scheduled Bank within fifteen days of issue of letter of intent before award of work. In case of failure by the Contractor to submit the performance guarantee within the specified period, full earnest money will be forfeited by the Institute and the tender shall be treated as null and void. EMD shall be refunded after submission of PBG. **The performance guarantee shall be initially valid up to the stipulated date of completion (i.e. 60 days) plus sixty days beyond that.**

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

i) Should have satisfactorily completed the works as mentioned below during the last Seven years ending **previous day of last date of submission of bids.**

ii) **Three** similar works each costing not less than **Rs.27,94,834.00**, or **two** similar works each costing not less than **Rs.34,42,251.00**, or **one** similar work costing not less than **Rs.45,89,668.00** (all figures rounded to nearest thousand)

iii) **Earnest money (**EMD) shall have to be deposited / submitted as stipulated in the schedule.

iv) The value of executed work shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to last date of submission of financial bid.

3. **Similar work means: Comprehensive maintenance of Reverse Osmosis System.**

4. Work means work done with some Central Government Department / State Government Department/ Central Autonomous Body / State Autonomous Body / Central Public Sector Undertaking / State Public Sector Undertaking / City Development Authority / Municipal Corporation of City formed under any Act by Central / State Government and published in Central / State Gazette.

5. Completion certificates are required to be got issued by an officer not below the rank of **Executive Engineer** of similar works completed by the Firm. The work experience certificates submitted by the bidders shall clearly indicate that:

   a. The similar work executed shall be **as per '3' above**

   b. The completed cost of the work

   c. Actual date of completion of the work

6. IITD is committed to follow the principle of transparency, equity and competitiveness in public procurement. Before submission of bid, **each bidder should sign integrity pact at respective places** and submit the bid. **If duly signed integrity pact is not submitted by bidder, such bid shall not be considered.**

7. **The intending bidder must read the terms and conditions [both commercial & Additional] & IITD - 6 carefully** which will be the part of the Contract. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.

8. Information and Instructions for bidders posted on website shall form part of bid document.

9. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website e-procure.gov.in free of cost.

10. But the bid can only be submitted after depositing requisite EMD as specified in the schedule."

11. Copy of all mandatory documents as desired in the NIT shall be scanned and up-loaded to the e-Tendering website within the period of bid submission. However, certified / original copy of all the scanned and up-loaded documents shall have to be submitted by the lowest bidder only within a week physically in the office of e-tendering authority.

12. Online bid documents submitted by intending bidders shall be opened only of those bidders, who has submitted prescribed EMD and other documents scanned and uploaded are found in order.

13. Those contractors not registered on the website mentioned above, are required to get registered beforehand. Bidders should refer "Instruction for Online Bid Submission" given earlier for further assistance.

14. When bids are invited in two / three stages systems and if it is desired to submit revised financial bid it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.

15. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.

16. Contractors must ensure to quote rate of each item.

17. The following undertaking in this regard shall be up-loaded by the intending bidders: **"the physical EMD shall be deposited by me / us with the Authority inviting the tender, in case I / we become the lowest tenderer, within a week of the opening of financial bid, otherwise, department may reject the tender and also take action to debar me /us from tendering in any form in IIT Delhi."**

18. Copy of enlistment order and certificate of work experience and other documents as specified in the Press Notice / web notice shall be scanned and up-loaded to the e-Tendering website within the period of bid submission. However, certified / original copy of all the scanned and up-loaded documents as specified in press notice web / notice shall have to be submitted by the lowest bidder only along with physical EMD of the scanned copy of EMD uploaded within a week physically in the office of e-tendering authority and it shall be sole responsibility of lowest bidder.

19. Online bid documents submitted by intending bidders shall be opened only of those bidders, who has deposited EMD, and other documents scanned and uploaded are found in order.

20. The bid submitted shall become invalid if:

a. The bidder is found ineligible.
b. The bidder does not upload all the documents (including GSTIN registration) as stipulated in the bid document including the undertaking / declaration if any.
c. EMD not deposited as specified.

Not registered with EPFO & ESIC.

21. Class – 1 Local Supplier' means a supplier or service provider, whose goods, services or works offered for procurement has local content equal to or more than 50% as defined under Order No. P-45021/2/2017-PP(BE-II) dated 04-06-2020 issued by Department for Promotion of Industry and Internal Trade (Public Procurement Section), Ministry of Commerce and Industry, Govt. of India.

- Local Content' means the amount of value added in India which shall unless and otherwise prescribed by the nodal ministry, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all domestic duties) as a proportion of the total value, in percent.
- For the purpose of verification of 'Local Content', the Class-1 Local Supplier / Service Provider at the time of bidding, tender or solicitation shall be required to indicate percentage of local content and provide self-certification that the items offered meet the local content requirement for Class – 1 Local Supplier. They shall also give details of the location(s) at which the local value addition is made.
- In cases of procurement for a value in excess of 10 crore, the Class – 1 Local Supplier shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in case of the companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.

- Nodal Ministries may constitute committees with internal and external experts for independent verification of self-certifications and auditor's / accountant's certificates on random basis and in the case of complaints.
- False declarations will be in breach of Code of Integrity under rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for upto two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under

22. OEM and their authorized dealer cannot simultaneously participate in the tender. If both OEM and their authorized dealer participate simultaneously then both the bids shall liable to be rejected.

List of Documents to be scanned and uploaded within the period of bid submission:

1. Annexure – 1 duly filled in and duly mentioning UTR No. for EMD deposition or Banker's Cheque or Demand Draft or FDR number with date of issue and got signed.
2. Proof of EMD deposit / Scanned copy of DD submission (favoring 'Registrar, IIT Delhi')**.**

    a. The following undertaking on firm's letter head shall be uploaded by the bidder if scanned copy of DD/FDR is uploaded by the bidder: "The exact physical EMD (as uploaded) shall be deposited by me / us with the authority inviting tender, in case I/ we become the lowest tenderer, within a week of the opening of financial bid, otherwise, IITD may reject the tender and also take actions to debar me / us from tendering in any form in IIT Delhi."

3. Authorization certificate should be E-bid, tender specific from OEM of reverse osmosis system. NIT No. & Name of work should be invariably mentioned on the OEM certificate.
4. Valid enlistment order of contractor (not required for specialized agency and OEMs).
5. Self-attested certificate of work experience as desired.
6. Certificate of GST Registration of the State in which the work is to be taken up, if already obtained by the bidder. If the bidder has not obtained GST registration in the State in which the work is to be taken up, or as required by GST authorities then in such a case the bidder shall scan and upload following undertaking along with other bid documents.

    "if work is awarded to me, I/we shall obtain GST registration certificate of the State, in which work is to be taken up within one month from the date of receipt of award letter or before release of any payment by IIT Delhi, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on a/c of the work executed and/or for any action taken by IIT Delhi or GST department in this regard."
7. Affidavit as per provision of the clause 1.2.2 of IITD-6 [To be submitted on stamp paper (not less than rupees ten) and date of affidavit and purchase of stamp paper shall not be earlier than the publication of NIT. NIT Number and Name of Work shall invariably be written on the **1st page** of the Stamp Paper.]
8. Acceptance to execute INTEGRITY PACT [see integrity pact]
9. IITD 7 / 8 duly signed
10. Registration proof of EPFO & ESIC with up to date challan.
11. Valid electrical license (not required for OEMs).
12. Any other document as specified in the NIT

Executive Engineer (ED-I)
For & on Behalf of BOG, IIT Delhi.

IITD-6

INDIAN INSTITUTE OF TECHNOLOGY DELHI
NOTICE INVITING E-TENDER

Executive Engineer (ED-I) Indian Institute of Technology Delhi, Hauz Khas, New Delhi-16. (Phone No. 011-26548437) on behalf of Board of Governors invites online **Item Rate Tender** from Firms/ Contractors Registered in appropriate class and category with CPWD, MES, BSNL and Railways and specialized agency as per details given below:

"Comprehensive maintenance including day-to day maintenance and operation of reverse osmosis system installed at various locations in IIT Delhi."

1.1 The work is estimated to cost **Rs.57,37,085.00** This estimate, however, is given merely as a rough guide

1.1.1 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the bids. He will also nominate Division which will deal with all matters relating to the invitation of bids.
For composite bid, besides indicating the combined estimated cost put to tender, should clearly indicate the estimated cost of Nos. component separately. The eligibility of bidders will correspond to the combined estimated cost of different components put to bid.

1.2 Intending bidder is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below:

Criteria of eligibility for submission of bid documents.

1.2.1 Criteria of eligibility for CPWD as well as non-CPWD contractors.

Three similar works each costing not less than **Rs.27,94,834.00**, or **two** similar works each costing not less than **Rs.34,42,251.00**, or one similar work costing not less than **Rs.45,89,668.00.00** in last 7 years ending previous day of last date of submission of bids. The value of executed work shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to last date of submission of financial bid.

1.2.2 To become eligible for issue of bid, the bidders shall have to furnish an affidavit as under: -

"I / We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I / we shall be debarred for bidding in IIT Delhi in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance

Guarantee (Scanned copy to be uploaded at the time of submission of bid)"

2. **Agreement shall be drawn with the successful bidders on prescribed Form No. IITD 7/8 which is available as IIT Delhi Publication. Bidders shall quote their rates as per various terms and conditions of the said form which will form part of the agreement**.

3. The time allowed for carrying out the work will be **12 Month** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.

4. The site for the work is available.

5. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen from the web Site **e-procure.gov.in.**

6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of tender as notified.

7. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of tender as notified.

8. If it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the tender submitted earlier shall become invalid.

9. Earnest Money as specified may be paid through RTGS / NEFT.
IIT Delhi Bank details are as under:

Name of the Bank A/C	: IITD Revenue Account
SBI A/C No.	: 10773572622
Name of the Bank	: State Bank of India, IIT Delhi, Hauz Khas, New Delhi-110016
IFSC Code	: SBIN0001077
MICR Code	: 110002156
Swift No.	: SBININBB547

(This is mandatory that UTR Number is provided in the on-line quotation/bid. Kindly refer to the UTR Column of the Declaration Sheet at Annexure-II) Interested contractors who wish to participate in the bid has also to make following payments within the period of bid submission. Or D.D. of requisite amount shall be made favoring Registrar, IIT Delhi.

10. Copy of all 'mandatory documents' and other documents as specified in the press notice shall be scanned and uploaded to the e-tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in press notice shall have to be submitted by the lowest bidder only within a week physically in the office of tender inviting authority.

11. The bid submitted shall become invalid, if:
a) The bidder is found ineligible.

b) The bidder does not upload all the documents (including GST) as stipulated in the bid document including the undertaking / declaration**.**
c) EMD not submitted as specified / DD not uploaded.
d) Not registered with EPFO & ESIC.

12. The contractor whose bid is accepted will be required to furnish **performance guarantee of 5% (Five Percent)** of the bid amount within the period specified in Schedule F. This guarantee shall be in the form of Deposit at Call receipt of any scheduled bank / Banker' cheque of any scheduled bank/ Demand Draft of any scheduled bank/Pay order of any Scheduled Bank (in case guarantee amount is less than Rs.1,00,000/-) or Government Securities or Fixed Deposit Receipts or irrevocable Bank Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F' including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor.

13. Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and subsoil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

(i) The competent authority on behalf of the Board of Governors does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidder shall be summarily rejected.

(ii) Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.

(iii) The competent authority on behalf of the Board of Governors reserves to himself the right of accepting the whole or any part of the bid and the bidder shall be bound to perform the same at the rate quoted.

14. The contractor shall not be permitted to bid for works in the IITD responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any Gazetted officer in the IIT Delhi.

Any breach of this condition by the contractor would render him liable to be debarred from bidding process in future in IIT Delhi.

15. No Engineer of Gazetted rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract liable to be cancelled, if, either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.

16. The bid for the works shall remain open for acceptance for a period of **ninety [90] days from the last date of submission of bid**, if any bidder withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the IIT Delhi shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidder shall not be allowed to participate in the re-bidding process of the work.

17. This notice inviting bid shall form a part of the contract document. The successful bidder / contractor, on acceptance of his bid by the Accepting Authority shall **within 15 days** from the stipulated date of start of the work, sign the contract consisting of:-

a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.

b) Standard IITD Form –7/8 or other Standard IITD Form as applicable.

18. In case any discrepancy is noticed between the documents as uploaded at the time of submission of the bid online and hard copies as to be submitted physically in IIT Delhi, if so desired by the accepting authority, then the bid submitted shall become invalid and the IIT Delhi shall, without prejudice to any other right or remedy, **SUSPEND THE BIDDER FOR ONE YEAR AND SHALL NOT BE ALLOWED TO BID FOR IIT DELHI TENDERS FROM THE DATE OF ISSUE OF SUSPENSION ORDER.**

19. GST or any other tax applicable in respect of inputs procured by the contractor for this contract shall be payable by the Contractor and Government will not entertain any claim whatsoever in respect of the same. However, component of GST at time of supply of service (as provided in CGST Act 2017) provided by the contract shall be varied if differentfrom that applicable on the last date of receipt of tender including extension if any.

INTEGRITY PACT

To

……..,

……..,
……..

Sub: **NIT No. 0656/168/EW/IITD/2024-25** for the work of "**Comprehensive maintenance including day-to day maintenance and operation of reverse osmosis system installed at various locations in IIT Delhi."**

Dear Sir,

It is here by declared that IITD is committed to follow the principle of transparency, equity and competitiveness in public procurement.

The subject Notice Inviting Tender (NIT) is an invitation to offer made on the condition that the Bidder will sign the Integrity Agreement, which is an integral part of the tender/bid documents, failing which the tender/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 IITD.

Yours faithfully,

Executive Engineer

[TO BE SUBMITTED DULY SIGNED BY THE BIDDER ALONGWITH BID DOCUMENTS]

To

Executive Engineer (Elect) ED-I
IIT Delhi, Hauz Khas,
New Delhi – 110016

Subject: Submission of Bid for the work of **"Comprehensive maintenance day-to day maintenance and operation of reverse osmosis system installed at various locations in IIT Delhi."**

Dear Sir,

I / We acknowledge that IITD 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 / bid documents, failing which I / We will stand disqualified from the tendering process. I / We acknowledge that THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE of this condition of the NIT.

I / We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by IITD. 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, IITD shall have unqualified, absolute and unfettered right to disqualify the tenderer /bidder and reject the tender/bid is accordance with terms and conditions of the tender/bid.

Yours faithfully,

(Duly authorized signatory of the Bidder)

[To be signed by the bidder and same signatory competent / authorized to sign the relevant contract on behalf of IITD]

INTEGRITY AGREEMENT

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

BETWEEN

The Board of Governors, IIT Delhi, Hauz Khas, New Delhi – 16 represented through **Executive Engineer (Elect) ED-I** IIT Delhi
....., (Hereinafter referred as the '**Principal/Owner**',
(Address of Division)
'**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
(Details of duly authorized signatory)
to as the "**Bidder/Contractor**" and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

Preamble

WHEREAS the Principal / Owner has floated the Tender (NIT No. **0656/168/EW/IITD/2024-25**) (hereinafter referred to as "**Tender/Bid**") and intends to award, under laid down organizational procedure, contract for **"Comprehensive maintenance including day-to day maintenance and operation of reverse osmosis system installed at various locations in IIT Delhi."**

(Name of work) 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 Pact witnesses as under:

Article 1: Commitment of the Principal / Owner

1) The Principal/Owner commits itself to take all measures necessary to prevent corruption and to

observe the following principles: 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.

(a) 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.

(b) The Principal/Owner shall Endeavour to exclude from the Tender process any person, whose conduct in the past has been of biased nature.

2) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act, 1988 (PoC 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.

3) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act, 1988 (PoC 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 Nos. Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Government / Department all suspected acts of **fraud or corruption or coercion or collusion** of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.

2) The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:

a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the Tender process or execution of the 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 Contract.

b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into 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 Bidder(s) / Contractor(s) will not commit any offence under the relevant IPC/PoC Act. Further the Bidder(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 Bidder(s) / Contractor(s) of foreign origin shall disclose the names and addresses of agents / representatives in India, if any. Similarly Bidder(s) / Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participate in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.

e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose 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.

3) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

4) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practices **means a willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests**.

5) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/ her reputation or property to influence their participation in the tendering process).

Article 3: Consequences of Breach

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

1) If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days' notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. **Such exclusion may be forever or for a limited period as decided by the Principal/Owner**.
2) **Forfeiture of EMD/Performance Guarantee/Security Deposit**: If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Earnest Money Deposit, Performance Guarantee and Security Deposit of the Bidder/Contractor.
3) Criminal Liability: If the Principal/Owner obtains knowledge of conduct 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 IPC 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 confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.
2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/ holiday listing of the Bidder/Contractor as deemed fit by the Principal/ Owner.
3) If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

Article 5: Equal Treatment of all Bidders/Contractors/Subcontractors

1) The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its 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 11 Month after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.
If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority of IITD.

Article 7: Other Provisions

1) This Pact is subject to Indian Law, place of performance and jurisdiction is the Head Quarters of the Division of the Principal/Owner, who has floated the Tender.
2) Changes and supplements need to be made in writing. Side agreements have not been made.
3) If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by Board Resolution.
4) Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intensions.
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 and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contact 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:

Dated:

IITD-7/8

INDIAN INSTITUTE OF TECHNOLOGY DELHI
HAUZ KHAS, NEW DELHI – 110016
Percentage Rate Tender / Item Rate Tender & Contract for Works

Tender for the work of **"Comprehensive maintenance including day-to day maintenance and operation of reverse osmosis system installed at various locations in IIT Delhi."**

1. To be submitted online by **28-04-2025 upto 03:00 PM**
2. To be opened on **29-04-2025 at 03:00 PM** online

e-TENDER

I / We have read and examined the Notice Inviting Tender, schedule, A, B, C, D, E & F, Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, Clauses of Contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

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

We agree to keep the tender open for ninety (90) days from the due date of its opening / ninety days from the date of opening of financial bid in case tenders are invited on 2/3 envelop system (**strike out as the case may be**) and not to make any modification in its terms and conditions.

A sum of **Rs.1,14,742.00 (No Exemption allowed)** is hereby deposited in IIT Delhi Revenue Account as earnest money / D.D. for Rs.1,14,742.00 has been uploaded with bid. (Strike out whichever is applicable). If I / We, fail to furnish the prescribed performance guarantee within prescribed period I / We agree that the said The Board of Governors, IIT Delhi, Hauz Khas, New Delhi – 16 or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I / We fail to commence the work as specified, I / We agree that The Board of Governors, IIT Delhi, Hauz Khas, New Delhi – 16 or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form. Further, I / We agree that in case of forfeiture of Earnest Money & Performance Guarantee as aforesaid I / We shall be debarred for participation in the re-tendering process of the work.

I / We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I / We shall be debarred for tendering in IIT Delhi in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

I / We hereby declare that I / We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived

there from to any person other than a person to whom I / We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated:

Signature of Contractor

Witness:

Postal Address

Address:

Occupation:

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for an on behalf of The Board of Governors, IIT Delhi, Hauz Khas, New Delhi – 110016 for a sum of (Rupees……..……).

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

(a)

(b)

I

For & on behalf of Board of Governors, IIT Delhi

Signature ……..

Dated: Designation …….

PROFORMA OF SCHEDULES

[Operative Schedules to be supplied separately to Nos. intending tenderer]

SCHEDULE 'A'

Schedule of quantities (enclosed)

SCHEDULE 'B'

Schedule of materials to be issued to the contractor

S.No.	Description of item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of issue
←	**Nil**			→

SCHEDULE 'C'

Tools and plants to be hired to the contractor

S.No.	Description	Hire charges per day	Place of Issue
←	**Nil**		→

SCHEDULE 'D'

Extra schedule for specific requirements/document for the work, if any.

---------- **Nil** ----------

SCHEDULE 'E'

Reference to General Conditions of contract [GCC]

1	Reference to general conditions of Contract	:	**GCC for maintenance work 2023 for CPWD work along with correction slip / amendment issued upto last date of submission of bid.**
2.	Name of work	:	**"Comprehensive maintenance including day-to day maintenance and operation of reverse osmosis system installed at various locations in IIT Delhi."**
3.	Estimated cost of work	:	**Rs.57,37,085.00**
4.	Earnest Money	:	**Rs.1,14,742.00 (No Exemption allowed)**
5.	Performance Guarantee	:	5 percent of tendered value
6.	Security Deposit	:	2.5 percent of tendered value

SCHEDULE 'F'

GENERAL RULES & DIRECTIONS **:** Officer inviting tender

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses12.2&12.3		:	See below
Definitions:			
2[v]	Engineer – in – charge	:	Executive Engineer (ED-I)
2[vi]	Accepting Authority	:	Executive Engineer (ED-I)
2[x]	Percentage on cost of materials and labour to Cover all overheads and profits	:	15 percent
2[xi]	Standard schedule of rates	:	Central Govt. Rate
2[xii]	Department	:	E&W, IIT Delhi
9[ii]	Standard IITD Contract Form	:	**IITD Form 7/8 as** modified & Corrected up to date of submission of tender.
Clause 1:			
[i]	Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance	:	**15 days**
[ii]	Maximum allowable extension with late fees @ 0.1% per day of performance guarantee amount beyond the period provided in (i) above	:	**1 to 15 days**
Clause 2:			
Authority for fixing compensation under clause 2		:	**Institute Engineer**
Clause 2 A:			
Whether Clause 2A shall be applicable		:	**No**
Clause 5:			
Number of days from the date of issue of letter of award for reckoning date of start		:	**10 [ten] days**

Milestone(s) as per table given below:-

Sl. No.	Description of Milestone (Financial)	Time allowed in days (from date of start)	Amount to be with-held in case of non-achievement of mile stone
	N O T A P P L I C A B L E		

Time allowed for execution of work	**:**	12 Months
Authority to decide:		
Extension of time	**:**	Executive Engineer
Rescheduling of milestones	**:**	Executive Engineer
Clause Applicable 6:	**:**	Applicable (Computerized MB)
Clause 7:		
Gross work to be done together with net payment / adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment	**:**	----
Clause 10 A:		
List of testing equipment to be provided by the contractor at site lab	**:**	N.A
Clause 10B:		
Whether Clause 10 B shall be applicable	**:**	No
Clause 10C:		
Component of labour expressed as percent of value of work	**:**	**30 percent**

Clause 10CA:

S.N.	Material covered under this clause	Nearest Materials (other than cement, reinforcement bars and the structural steel) for which All India Wholesale Price Index to be followed	Base Price of all Materials covered under clause 10 CA*
1			
2		Nil	
3			
4			

* Base price of all the materials covered under clause 10 CA is to be mentioned at the time of approval of NIT.

Clause 10CC (Not Applicable)

Clause 10 CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column	:	-
Schedule of component of other Materials, Labour, POL etc. for price escalation		-
Component of civil (except materials covered under clause 10CA)/ Electrical construction Materials expressed as percent of total value of work	:	-
Component of Labour expressed as percent of total value of work	:	-
Component of P.O.L. expressed as percent of total value of work	:	-

Clause 11

Specifications to be followed for execution of work	:	CPWD General specifications for Electrical work Part-I (Internal) Part-II (External), Part-IV (Substation), with upto date modifications

Clause 12

Type of work	:	Maintenance works including works of up gradation, aesthetic, special repair, addition/ alteration
Clause 12.2. & 12.3		
Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for building work	:	**100 percent**
Clause 12.5		
Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for foundation work	:	**100 percent**

Clause 14

Carrying out part work at risk & cost of contractor		Applicable.

Clause 15

Suspension of work		Applicable

Clause 18

List of mandatory machinery, tools & plants to be deployed by the contractor at site:

1.....	2.....	3.....
4.....	5.....	6.....
7.....	8.....	9.....

Nil

Clause 19

Labour laws to be complied by the contractor.		
Clause 19A to 19K		**Applicable.**

Clause 20

Minimum wages act to be complied		
The contractor shall comply with all the provisions of the		**Applicable.**

minimum, wages act, 1948, and labour (Regulation and Abolition) Act, 1970, amended from time to time and rules framed thereunder and other labour laws affecting contract labour that may be brought into force from time to time.		

Clause 32 (i)

Requirement of Technical Representative(s) and recovery Rate

Sr. No.	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical/ Technical Representative)	Minimum Experience (Years)	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)	
1	Graduate Engineer Or Diploma Engineer	Electrical Engineer	Project Manager cum Planning/ Quality/ Site/ Billing Engineer	2 Or 5	1	Rs. 15000.00 per month	Rupees Fifteen Thousand Only per month

Assistant Engineers retired from Government services that are holding diploma will be treated at par with Graduate Engineers

Clause 38

Authority to clause 38		Not Applicable

COMMERCIAL AND ADDITIONAL CONDITIONS

1. GENERAL

- Location: **Comprehensive maintenance including day-to day maintenance of water coolers at various location in IIT Delhi.**
- The work shall be executed as per CPWD General Specifications for Electrical Works Part-I (Int.) 2023, Part-II (Ext.) 2023, as amended upto date, relevant I.E. Rules, BIS/IEC and as per directions of Engineer-in-Charge. These additional specifications/conditions are to be read in conjunction with above and in case of variations; specifications given in these additional conditions shall apply. However, nothing extra shall be paid on account of these additional specification and conditions, as the same are to be read along with schedule of quantities for the work.
- The tenderer should in his own interest visit the site and get familiarize with the site conditions before tendering.
- No T&P shall be issued by the Department and nothing extra shall be paid on account of this.

2. COMMERCIAL CONDITIONS:

- **Type of contract:** The work to be awarded by this tender shall be treated as indivisible works contract.
- **Submission and opening of Tenders:**

2..1. The tender is in two parts:

2..1.1. Part-I -Technical cum Un-priced commercial Bid

2..1.2. Part-II-Price Bid

- The tender shall be submitted online, duly completed as per NIT conditions within period of bid submission.
- The tenderers are advised not to deviate from the technical specifications / item, commercial terms and conditions of NIT like terms of payment, guarantee, arbitration clause, escalation etc.
- Technical cum un-priced commercial bid only shall be opened on the due date and time in the presence of tenderers or their authorized representative who wish to remain present.
- Scrutiny/evaluation of the technical-cum-commercial bid shall be done by the department. In case, it is found that the technical-cum-commercial bid of a tenderer is not in line with NIT specifications/requirements and/or contains too many deviations, the department reserves the right to reject the technical bid of such firms(s) without making any reference to the tenderer(s).
- Necessary clarifications required by the department shall have to be furnished by the tenderer within the time given by the department for the same. The tenderer will have to depute his representative to discuss with the officer(s) of the department as and when so desired. In case, in the opinion of the department a tenderer is taking undue long time in furnishing the desired clarifications, his bid will be rejected without making any reference.
- After obtaining clarification from all the tenders, the department will intimate the tenders whose technical cum commercial bids are acceptable.

- The price bids of only those tenderers shall be opened whose technical bids are found to be technically acceptable. The time and date of opening of price bid shall be fixed after the technical cum unpriced commercial bid is accepted and intimated to them by post/Fax/e-mail.
- The department reserves the right to reject any or all the price bids and call for fresh prices/tenders as the case may be without assigning any reason.

3. TERMS OF PAYMENTS

- Payment shall be released after successful completion (Supply, Installation, Testing and satisfactory commissioning) of the work. However, R.A. bill may be preferred to the extent of prorata basis based on progress of overall work. Bidder should note that necessary documents (PAN card, cancelled cheque, GST Reg. proof and RTGS mandate form as per prescribed proforma of IIT Delhi) be submitted as soon as the work is awarded to them. Separate Contractor's Code shall be generated in IIT Delhi if the bidder is a new contractor to IIT Delhi ('Code' is perpetual in nature). Payment shall be processed after submission of Invoice and necessary documents / certificates (as mentioned in the NIT). There is a prevailing practice of pre-audit (for total tendered amount more than 3 lakhs) at IIT Delhi before releasing payment. Bidder shall have to comply all necessary documents as outlined in the Contract as to be desired by the Auditor and or by the Accountant. It may take one to two months in the whole process (from submission / acceptance of bill in CMB / MB by the contractor upto processing by Accounts section) to release payment subject to quick compliance of all submittals by the contractor. Applicable Taxes shall be got deducted from the bill as per prevailing orders of the Government. 'GST part of the bill' shall be released after submission of proof of payment of GST, i.e. B2B challan, etc. as may be, by the contractor.

4. AWARD OF WORK

- Work shall be awarded to the successful bidder only after concurrence of the **Auditor of the Internal Audit Section** of the IIT Delhi as per extant Rules of the Institute.

5. SECURITY DEPOSIT

- Security Deposit shall be deducted from each running bill and final bill to the extent of 2.5% of the gross amount payable. The security deposit shall be released on the expiry of guarantee/ Maintenance period stipulated in the contract i.e 01 Years.

6. PERFORMANCE GUARANTEE

- The successful tenderer shall submit an irrevocable performance guarantee of 5% of the tendered amount in addition to other deposit mentioned elsewhere in the contract for his proper performance of the contract agreement within 15 days of issue of letter of acceptance

  of tender. This guarantee shall be in the form of Demand Draft/Pay order of irrevocable bank guarantee bond of any schedule bank or the State Bank of India in the specified perform a of Government Security, fixed deposit receipt pledged in favour of **Registrar, IIT Delhi** or as specified in the letter of acceptance of tender. The performance guarantee shall be initially valid up to the stipulated date of completion plus 60 days. This bank guarantee shall be kept valid till the recording of completion certificate for the work by the competent authority. This shall be released after submission of fresh bank guarantee for the comprehensive maintenance. Fresh bank guarantee shall have to be submitted @5% of the contract amount of comprehensive maintenance for the whole period of maintenance plus 60 days beyond.

- Income tax, GST, labour cess & other statutory deduction etc. shall be made at source as per the prevalent laws. The deduction of Security Deposit, Income Tax, etc., shall be done after calculation for the above due payment as per clause 3 above and net payment shall reduce accordingly.

7. RATES

- The rates quoted by the tenderer, shall be firm and inclusive of all taxes (including works GST & labour cess), duties, levies, etc. and all charges for packing forwarding, insurance, freight and delivery, installation, testing and commissioning etc. at site including temporary construction of storage, risks overhead charges, general liabilities/ obligations.

8. COMPLETENESS OF TENDER

- All sundry equipments, fitting, unit assemblies, accessories, hardware items, foundation bolts, termination lugs for electrical connections and all other items which are useful and necessary for efficient assembly and installation of equipment and components of the work shall be deemed to have been included in the tender irrespective of the fact whether such items are specially mentioned in the tender documents or not.

9. STORAGE AND CUSTODY OF MATERIAL

- The agency has to make his own arrangement for storage. No separate storage accommodation shall be provided by the department Watch and ward of the storage and their safe custody shall be responsibility till the final taking over of the installation by the department.

10. CARE OF THE BUILDING

- Care shall be taken by the contractor while handling and installing the various equipment and components of the work to avoid damage to the building. He shall be responsible for repairing all damages and restoring the same to their original finish at his cost. He shall also remove at his cost all unwanted and waste material arising out of the installation from the site of work.

11. COMPLETION PERIOD

- The completion period indicated in the tender documents is for the entire work of planning, designing, approval of drawings etc., arrangement of materials & equipment, delivery at site including transportation, installation, testing, commissioning and handing over of the entire system to the satisfaction of the Engineer-in-charge.

12. GUARANTEE

- The contractor shall guarantee the entire Electrical Installation work as per specifications both for components and for system as a whole. All E.I work shall be guaranteed for One year from the date of commissioning against unsatisfactory performance and / or breakdown due to defective design, workmanship or material. The equipment or component, or any part thereof, so found defective during guarantee period shall be forthwith replaced free of cost to the satisfaction of the Engineer-in-Charge. In case it is felt by the department that undue delay is being caused by the contactor in doing this, the same will be got done by the department at the risk and cost of the contractor. The decision of Engineer-in-Charge in this regard shall be final & binding on the contractor.
- Firm will give the guarantee for one year on provided panels and other spare parts**.**
- The tenderer shall guarantee among other things, the following:

12..1. Quality, strength and performance of the material used as per manufacturer's standards.

12..2. Safe mechanical and electrical stress on all part under all specified conditions of operation.

12..3. Satisfactory operation during the maintenance period.

13. POWER SUPPLY

- Power supply shall be made available by the department at one point near the site if required. Further, the arrangement for tapping power supply from this single point shall be made by the contractor.

14. EXTENT OF WORK

- The work shall comprise of entire labour including supervision and all material necessary to make a complete installation and such tests and adjustment and commissioning as may be required by the department. The term complete installation shall not only mean major items of the plant and equipment's covered by the specification but all incidental sundry components necessary for complete execution and satisfactory performance of installation with all layout charts whether or not those have been mentioned in details in the tender documents in connection with this contract as this is a turnkey job.

15. VALIDITY

- Tenders shall be valid for acceptance for a period 90 days of days from the date of opening of Technical Bid.

16. COMPLIANCE WITH REGULATIONS AND INDIAN STANDARDS

- All works shall be carried out in accordance with relevant regulation both statutory and those specified by the Indian Standards related to the works covered by this specification in particular, the equipment and installation will comply with the following:

16..1. Factories Act

16..2. Indian Electricity Rules

16..3. B.I.S. & other standards as applicable

16..4. Workmen's compensation Act

16..5. Statutory norms prescribed by local bodies like fire department, CEA, Power Supply Co. etc.

17. INDEMNITY

- The successful tenderer shall at all times indemnify the department, consequent on this works contract. The successful tenderer shall be liable, in accordance with the Indian Law and Regulations for any accident occurring due to any cause and the contractor shall be responsible for any accident or damage incurred or claims arising there from during the period of erection, construction and putting into operation the equipment's and ancillary equipment under the supervision of the successful tenderer in so far as the latter is responsible. The successful tenderer shall also provide all insurance including third party insurance as may be necessary to cover the risk. No extra payment would be made to the successful tenderer on account of the above.

18. ERECTION TOOLS

- No tools and tackles either for unloading or for shifting the equipments for erection purposes would be made available by the department. The successful tender shall make his arrangement for all these facilities

19. COOPERATION WITH OTHER AGENCIES AND OCCUPANTS OF THE BUILDING

- The successful tenderer shall co-ordinate with other working contractors, if any and other occupants of different offices / Labs, etc., and exchange freely all technical information so as to make the execution of this work / contract smooth. No remuneration should be claimed from the department for such technical cooperation. If any unreasonable hindrance is caused to other agencies and any completed portion of the work has to be dismantled and re-done for want or cooperation and coordination by the tenderer during the course of work, such expenditure incurred will be recovered from the successful tenderer if the restoration work to the original condition or specification of the dismantled portion of work was not under taken by the tenderer himself.

20. MOBILIZATION ADVANCE

- No mobilization advance shall be paid for this work

21. INTERPRETING SPECIFICATION

- In interpreting the specification, the following order of decreasing importance shall be followed in case of contradictions:

21..1. Schedule of quantities
21..2. Technical Specification
21..3. Drawing (if any)
21..4. General Specification for Electrical Works of CPWD (relevant Parts)
21..5. Relevant BIS or other international code in case BIS code is not available.

22. POLICY OF THE INSTITUTE

Institute has a policy against **sexual harassment** and is committed to providing an environment free from **sexual harassment of women** at the workplace. Contractor shall have to abide by the policy of the Institute with due diligence. Any violation on the part of the contractor shall be dealt with the extant rules of the Institute.

23. The sample of material required for testing shall be provided by the contractor free of cost. Testing charges if any shall be borne by the IITD for satisfactory test results. However for unsatisfactory test reports or test results, testing charges shall be deducted from the bills of the contractor. The necessary expenditure to be incurred of taking sample, conveyance, packing etc. shall be borne by the contractor.

24. Department may inspect the material at OEM factory.

25. Undertaking

An undertaking will have to be submitted by the bidder on firm's letter head duly ink signed stating that the bidder will only use materials strictly as per make list attached at Page no. 43 as a spare parts during course of CAMC.

ANNEXURE – 1

<< Organization Letter Head >>
DECLARATION

I / We, _____ hereby declare that all the information and data furnished by our organization with regard to this tender specification are true and complete to the best of our knowledge. I / we have gone through the specification, conditions and stipulations in details and agree to comply with the requirements and intent of specification.

1	Name & Address of the bidder	**:**	
2	Phone	**:**	
3	E-mail	**:**	
4	Contact person name	**:**	
5	Mobile number	**:**	
6	GST number	**:**	
7	PAN number	**:**	
8	UTR no. [for payment of EMD] / D.D. No. & Bank Details	**:**	
	BANK DETAILS		
9	Bank name	**:**	
10	Branch address	**:**	
11	Branch telephone no.	**:**	
12	MICR Code of the bank	**:**	
13	IFSC code	**:**	
14	Bank Account no.	**:**	
15	Type of account	**:**	

We further declare that our organization has not been blacklisted / delisted or put to any holiday by any Institutional agency / Govt. Department / Public Sector Undertaking in the last three years.

[Signature of the bidder]

Name:

Seal of the bidder

APPENDIX – II

SUBMITTALS TO BE MADE BY THE CONTRACTOR DURING THE EXECUTION OF WORK

1. Daily Progress report stating number of men employed under each trading, Equipment at site etc.

2. Weekly/ fortnightly progressing report showing progress against programme.

3. Programme of work for the forthcoming week.

4.	Labour and Equipment Deployed at site	-	Programmed
	Requirement vs. actual deployed	-	fortnightly
5.	Updated approved monthly PERT CHART Along with monthly progress chart	-	Weekly.
6.	Construction materials by Contractor : Status and mobilization programme	-	Fortnightly.
7.	Progress Photographs	-	Fortnightly.

8. Value of work anticipated to be done in the forth-coming including value of any materials and equipment of large value - monthly

SPECIAL TERMS AND CONDITIONS

1. That it is expressly understood and agreed between the parties to this Agreement that the persons deployed by the contractor for the services mentioned above shall be the employees of the contractor for all intents and purposes and that the persons so deployed shall remain under the control and supervision of the contractor and in no case, shall a relationship of employer and employee between the said persons and the IITD shall accrue/arise implicitly or explicitly.
2. That on taking over the responsibility of providing Contractor's Worker, the contractor shall formulate the mechanism and duty assignment under intimation to the Engineer-in-charge. Subsequently, the contractor shall review work arrangement from time to time. The contractor shall further be bound by and carry out the directions/instructions given to him by the Engineer-in-charge in this respect from time to time.
3. That the Engineer-in-charge or any other person authorized by him shall be at liberty to carry out surprise check on the persons so deployed by the contractor in order to ensure that persons deployed by him are doing their duties.
4. That in case of the persons so deployed by the contractor does not come up to the mark or does not perform his/her duties properly or indulges in any unlawful activities or riots or disorderly conduct, the contractor shall immediately withdraw and take suitable action against such persons on the report of the Engineer-in-charge. Further, the contractor shall immediately replace the particular person so deployed on the demand of the Engineer-in-charge, in case of any of the aforesaid acts on the part of the said person.
5. **That the contractor shall particularly abide by the provisions of Minimum Wages Act, 1948. Minimum wages shall be paid by the Agency / Contractor at the rate fixed by Central Govt. of India. Arrears, if due as result of increase in minimum wages would be reimbursed to the contractor on submission of proof of actual payment to the worker. In case of half yearly increase in Minimum wages by the Central Govt. of India, the contractor will submit copy of gazette notification to the Institute and the same may be considered by the Institute.**
6. The contractor shall take all reasonable precautions to prevent any unlawful, riotous or disorderly conduct or acts of his employees so deployed.
7. **That the contractor shall deploy his persons in such a way that they get weekly rest. The working hours / leave, for which the work is taken from them, do not violate relevant provisions of the Act. The contractor shall in all dealings with the persons in his employment have due regard to all recognized festivals, days of rest and religious or other customs.**
8. That the contractor shall keep the IITD indemnified against all claims whatsoever in respect of the employees deployed by the contractor. In case any employee of the contractor so deployed enters in dispute of any nature whatsoever, it will be the primarily responsibility of the contractor to contest the same. In case IITD is made party and is supposed to contest the case, IITD will be reimbursed for the actual expenses incurred towards Counsel Fee and other expenses which shall be paid in advance by the contractor to IITD on demand. Further, the contractor shall ensure that no financial or any other liability comes on IITD in this respect of any nature whatsoever and shall keep IITD indemnified in this respect.
9. The Work is to be carried out for stipulated period of time and may be extended further as desired by Engineer-in-charge.

10. Non Judicial stamp paper worth Rs.10/- (Ten Rupees only) will be submitted by the contractor which will have to be signed as token of acceptance.

11. Institute reserves the right to remove any person deployed by the firm, without assigning any reason/notice. This will be without prejudice to the right of the contractor to remove any of his own employees deployed in the Institute.

12. **The contractor shall deploy 2 Nos. Mechanic should be passed ITI course, and 2 (Two) Nos. Helpers. The contractor shall take all reasonable precaution to prevent any unlawful, riotous or disorderly conduct or acts of his employees so deployed.**

13. That the contractor shall submit detail of the names, parentage, residential address, age, educational qualifications, experiences, etc. with photocopies of documents of the persons deployed by him in the premises of the IIT Delhi for the purpose of proper identification and category of the employees of contractor deployed at various points/sections. He shall issue identity cards bearing their photographs / identification, etc. and such employees shall display their identity cards at the time of duty.

14. The contractor shall ensure that the persons are punctual and disciplined and remain vigilant in performance of their duty.

15. The Institute can increase or decrease the manpower requirement in case there is a further increase or decrease in area to be maintained. **The increase/ decrease in manpower would accordingly affect the billing on pro-rata basis.**

16. That the contractor shall be required to maintain **permanent Attendance Register in addition to Biometric Attendance (Face detection type provided by IIT Delhi)** at the IITD premises which shall be open for inspection and checking by the authorized officers of the IITD.

17. That the contractor shall make the payments of wages (not less than minimum wages as and when declared by the Central Govt. of India), etc. to persons so deployed on monthly basis through Bank Transfer / Electronic mode on or before 07th day of every month. Wages shall include bonus @ 8.33% of daily wage of the particular worker multiplied by number of days work actually performed by the worker in a particular month, which shall also be shown separately on the wage sheet of the worker.

18. **However the basic rates of wages as per latest notification by Central Govt. of India shall be considered as @ Rs.948/- per day for Mechanic / Skilled Man, and @ Rs.778/- per day for Helper.**

19. Attendance comparative sheet shall be prepared by the contractor and to be submitted to the Engineer-in-charge after completion of every month as per duty chart, desired days of duty of a particular worker allowing weekly off and actual days of duty performed by the said worker. Summation of the two columns should tie in normal case. Falling short of days of attendance from desired days of attendance shall be got deducted from the bill of the contractor at the rate of the daily wages given to either supervisor [in case of Supervisor] Mechanic [in case of Mechanic] and helper [in case of helper].

20. Recoveries of the absenteeism will be done basic rate + Bonus + Contractor Profit + GST@18 + Labour Cess @ 1% + Below and Above % as per tender + penalty Mechanic@250/- per day and Helper @ 150/- per day

21. A consolidated wage sheet containing the names of all workers so deployed by the contractor duly signed / acknowledged by the workers after disbursal of wages to be submitted to the Engineer-in-charge every month. Proof of disbursal of wages to be submitted before claiming bill. The wage sheet shall contain mandatory fields as per following: (1) Sr. No., (2) Name of the worker,(3) Actual days of duty performed, (4) Total wages, (5) Bonus amount, (6) EPF contribution, (7) ESI contribution, (8) Total deductions, (9) Net wages received / disbursed, (10) Signature of the worker.

22. In case of any emergency/breakdown or in case of absentee of staff, the worker(s) on duty shall perform the extra duty to maintain the essential services. However, the total number of days in a month shall not exceed to the total number of staff in a particular category of post multiply by actual working days in that particular month.

23. In case of delay of payment of wages beyond 10 days as specified, IIT Delhi shall arrange for payment to the workers at the risk and cost of the contractor. Decision of the Engineer-in-charge in this regard shall be full & final and binding upon the contractor.

24. It would be the responsibility of contractor to arrange all permission/ approvals from all local bodies/statutory bodies and nothing extra shall be paid on account of this by the Institute.

25. EPF & ESI contribution in respect of workers shall be deposited with the authority concerned in time and employer's share shall be got reimbursed to the contractor by IIT Delhi on production of proof of deposition. However, Income Tax as applicable shall be deducted from the EPF & ESI contribution reimbursement bill of the contractor.

26. Form IITD-8 [General Conditions of Contract] with correction slip shall form part of the contract.

27. Taxes shall be deducted from the bill of contractor as applicable.

28. Quoted rates shall be net rates inclusive of all taxes like GST etc.

29. **Reverse Osmosis [R.O.] will be repaired within 24 Hrs and panels will be replaced within 8 Hrs. Otherwise a penalty of Rs. 500/day will be imposed on the firm for machine shutdown and Rs. 300/day for panels delay in replacement.**

30. The contractor will provide the log books to both service mechanic for maintaining the record of maintenance of Reverse Osmosis systems.

31. The contractor will provide the floor duster, old dhotis, brooms and other cleaning materials as soap, surf, etc.

Annexure-II

SCOPE OF WORKS

Following T & P/instrumentation shall be provided by the contractor to every mechanic and for workshop.

1. Plier (Taparia) = 02 no.
2. Screw Drivers = 03 no.
3. TDS meter = 03 no.
4. Tool bag = 02 no.
5. Wrenches Set = 02 no
6. Slip joint plier = 04 no
7. Adjustable Pipe wrench = 02 no.
8. T socket wrench (10mm) = 02 no.
9. Tester = 04 no.
10. Ampere meter = 02 no.

- Back wash will be done in every 15 days.
- Motors installed in R.O. will be replaced by the staff of contractor.
- Filters of the membrane should be cleaned / changed on every 2 months or as required on site.
- R.O. tanks are needed to be cleaned at regular intervals of 15 days.
- All fittings for the reverse osmosis systems will be provided and installed by the contractor.
- Membranes will be cleaned / changed by the contractors as and when required or changed if TDS increase more than 150 TDS.
- All complaints regarding reverse osmosis systems will be attended by the contractor's staff.
- T.D.S. value of water will be regularly maintained during site visits and maintenance of log book by service mechanic.

Note: - Contractor will provide T&P within 07 days after award of work.

Annexure - III

Make List

Following makes of materials will be used as a spare parts during Comprehensive Maintenance of Reverse Osmosis systems installed in IIT Delhi.

S.No	Products	Make
1	Union	Supreme / Astal / Prayag
2	Elbow	Supreme / Astal / Prayag
3	Tee	Supreme / Astal / Prayag
4	Socket	Supreme / Astal / Prayag
5	FT	Supreme / Astal / Prayag
6	MT	Supreme / Astal / Prayag
7	Float valve	Supreme / Astal / Prayag
8	Membrane 4040	CSM / Hydraulics / Dupont
9	Membrane Housing 4040	Ocean Star / Pearl / Ionix
10	Membrane 80GBD	CSM / Hydraulics / Dupont
11	Control Panel	Astal A-11 / Ionix / Aqua Oceon
12	Flow Meter	Ionix / Jaspin / Bellstone
13	Big blue Filter Housing 20”	Ocean Star / Pearl / Ionix
14	Big blue filter 20” size	CCK / Pentex / Ocean Star
15	PPS Spun Filter 20”	CCK / Pentex / Ocean Star
16	Housing of spun filter20”	Ocean Star / Pearl / Ionix
17	Pressure Gauge gel based	Ionix / SENCTRL / Akari
18	Multi-port valve 20”	Aguaflo / Pearl Water / Altawel
19	Vessel 1354 Big	Acquetta / TechRO / Pearl Water
20	Solenoid valve 230 volt	Highsure / Aameria / Aquaflex
21	Solenoid valve 24 volt	Highsure / Aameria / Aquaflex
22	Low pressure Switch LPS	Ocean Star / Aameria / Care N Made
23	Carbon activated 900ID. 50KG For 1 year Rs. 25/-Kg	Tidy Fox/ E Cube Water Solutions/ Apex Technology
24	Resin Filter Media(Crush+Fine) Marbles 100 Kg per year.Rs.9 /- Kg	Quartz / Anthracite / Emaux
25	Solvent 200gm. UPVC/CPVC	Supreme / Weld-On / Abro
26	Capacitor-55	Spinxx / Concap / EPCOS
27	Capacitor-50	Spinxx / Concap / EPCOS
28	Capacitor-36	Spinxx / Concap / EPCOS
29	Capacitor-40	Spinxx / Concap / EPCOS
30	Capacitor-10	Spinxx / Concap / EPCOS
31	Teflon Tape & Electric Tape	Abro / M-Steal / Supreme
32	Pipe Roll ¼	Ionix / MGHY /Care N Made
33	Pipe Roll 3/8	Ionix / MGHY /Care N Made
34	Packing Tape 4”	Scotch 3M / Tejify / Sellotape
35	Electric Float	Ocean Star / Aameria / CSI
36	2 core wire 1.5mm (bundle)	Havvels / Polycab / KEI

Currently the reverse osmosis systems operational at IIT Delhi are of these makes: Kemflw, Vodatech, Membrane India, Ion Exchange, Luminous livpure.

ONLINE BID SUBMISSION CHECK LIST

The Online bids (Complete in all respect) must be uploaded online in **two** envelops as explained below:-

Envelope – 1 (Following documents to be provided as single PDF file)			
Sl. No.	**Documents**	**Content**	**File Types**
1.	Technical Bid	Organization Declaration Sheet as per Annexure - 1	PDF.
2.		Proof of EMD deposit / Scanned copy of DD submission (favoring 'Registrar, IIT Delhi') and undertaking as mentioned on page no – 14,serial no – 2.	PDF.
3.		Authorization certificate should be E-bid, tender specific from OEM. NIT No. & Name of work should be invariably mentioned on the OEM certificate.	PDF.
4.		Self-attested Certificate of work experience as desired.	PDF.
5.		Valid Enlistment order of contractor, not required for specialized agency and OEMs.	PDF.
6.		Certificate of registration for GST	PDF.
7.		Affidavit as per NIT condition 1.2.2 on stamp paper (To be submitted on stamp paper and date of affidavit shall not be earlier than the publication of NIT. NIT Number and Name of Work shall invariably be written on the 1st page of stamp paper)	PDF.
8.		Acceptance to execute integrity pact	PDF.
9.		IITD 7/8 duly signed by the bidder	PDF.
10.		Registration prof of EPFO & ESIC with upto date Challan	PDF.
11.		Valid electrical license (not required for OEMs).	
12.		Any other document as specified in the NIT	PDF.
Envelope – 2			
Sl. No.	**TYPES**	**Content**	
1.	Financial Bid	Price bid should be submitted in BOQ format.	.XLS

SCHEDULE OF QUANTITY

Name of work: **Comprehensive maintenance including day to day maintenance and operation of reverse osmosis system installed at various location in IIT Delhi.**

Sl. No		Description	Qty.	Unit	BASIC RATE [Including of GST and other taxes] Rs. P.	TOTAL RATE [Including of GST and other taxes] Rs. P.
1.		**Operation and day-to-day maintenance of reverse osmosis systems at IIT Delhi.** (8:45 AM to 5:30 PM) General Shift **Note: -** One job means carrying out one work for a month as per specification, terms and conditions of the tender. **1 Job means:-** [1] Two Mechanics [2] Two Helpers	12 jobs	Each	In figure:- In words:-	
2.		**Water testing is must** from water coolers outlets in every quarter or as and when required by NABL accredited testing laboratories with testing parameters as given in Annexture-1	600 jobs	Each		
3.		**Comprehensive maintenance of reverse osmosis system installed at various sites of IIT Delhi.** 50/150/250ltr = 150 nos. Scope of work broadly includes the following: Supply and fitting of all spare parts as per Annexure -III and repair of reverse osmosis system as given below:				
	1.	High Pressure Pump, 1.5 KW / 2 HP	20	Each		
	2.	Low Pressure Pump 0.5 HP	20	Each		
	3.	CPVC/UPVC all fitting as required on site (all sizes including pipes)i.e. union, elbow, tee, socket, bush, FT, MT, float valve, etc.				
	3.1	Union	20	Each		
	3.2	Elbow	50	Each		
	3.3	Tee	30	Each		
	3.4	Socket	50	Each		
	3.5	FT	30	Each		
	3.6	MT	30	Each		
	3.7	Float valve	25	Each		
	4.	Membrane 4040	200	Each		
	5.	Membrane Housing 4040	1	Each		
	6.	Membrane 80 GBD	100	Each		
	7.	Control Panel	40	Each		
	8.	Flow Meter	80	Each		
	9.	Big blue filter housing 20”	2	Each		
	10.	Big blue filter 20” size	300	Each		
	11.	PPS Spun Filter 20”	500	Each		
	12.	Housing of spun filter 20”	2	Each		
	13.	Pressure Gauge Gel based	100	Each		
	14..	Multi port valve 20”	3	Each		
	15.	Vessel 1354 Big	2	Each		
	16.	Solenoid valve 230 volt	20	Each		
	17.	Solenoid valve 24 volt	10	Each		
	18.	Low pressure Switch LPS	20	Each		
	19.	Carbon activated 900ID, 50KG For 1 year Rs. 25 per Kg	80	Each		

	20.	Resin Filter Media(Crush+Fine) Marbles 100 Kg per year Rs9- Kg	80	Each		
	21.	Solvent 200gm UPVC/CPVC	80	Each		
	22.	Capacitor 55 MFD	10	Each		
	23.	Capacitor 50 MFD	10	Each		
	24.	Capacitor 36 MFD	10	Each		
	25.	Capacitor 40 MFD	10	Each		
	26.	Capacitor 10 MFD	15	Each		
	27.	Teflon Tape & Electric Tape	150	Each		
	28.	Pipe Roll 1/4	4	Each		
	29.	Pipe Roll 3/8	4	Each		
	30.	Packing Tape 4”	200	Each		
	31.	Electric Float	700	Each		
	32.	2 core wire 1.5mm (bundle)	1	Each		
	Any Kind of maintenance required for smooth running of the unit shall also be carried out by the firm & nothing extra shall be paid on this account. In case of Breakdown of any unit, the contractor will attend the same within 08 hrs. Failing which a compensation amounting to Rs. 1000/- per day shall be imposed on the firm and be deducted from the CAMC bill of contractor.					
					Grand Total Rs.	

D’Man **AEE [E]** **EE (ED-I)**