

## NOTICE INVITING e-QUOTATION

The Executive Engineer (CD-III), IIT DELHI, HAUZ KHAS, New Delhi-16 (Phone No 011-26596237) on behalf of Board of Governors invite online **Item Rate Tender** from Firms/ Contractors Registered in appropriate class and category with CPWD, MES, BSNL, and Railways for **Civil work /Building works/ Building & Roads/Composite works** of the following work:

- |  |   |   |
|--|---|---|
| 1. NIQ No                                      | : | <b>/IITD/NIQ/EE(CD-III)/2023-2024</b>   |
| 2. Name of work                                | : | <b>Waterproofing work at terrace of IIIB type house, 25 G street in IIT Delhi</b> |
| 3. Sub Head                                    | : | <b>Civil Work</b>   |
| 2. Estimated cost                              | : | <b>Rs. 4,62,834/-</b>   |
| 3. Earnest Money                               | : | <b>Rs. 9,257/-</b>  |
| 4. Period of completion                        | : | <b>01 Month</b>   |
| 5. Last time & date of submission of quotation | : | <b>22/11/2023 upto 3:00 pm (on line)</b>  |

The bid forms and other details can be obtained from the <http://eprocure.gov.in/eprocure/app> or [www.iitdelhi.ac.in](http://www.iitdelhi.ac.in) free of cost. For more clarification you may visit on above website and contact on e-quotation helpdesk No: 0120-4200462.

**Executive Engineer (CD-III),  
For & on Behalf of BOG, IIT Delhi**

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**Ch. Head:**

**Copy to: -**

1. Executive Engineer (CD-III)
2. D.A. (Works Accounts)
3. AEE (C)
4. D.R. (A/Cs) – for opening of e-quotations on **26/12/2023 at 03.00 PM**
5. Notice Boards.
6. Office Copy
7. Web site Administrator, I.I.T.D.

**INDEX**

**Name of work: - Waterproofing work at terrace of IIB type house, 25 G street in IIT Delhi**  
**Sub Head: - Civil Work**

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Certified that this e-Quotation Notice contains 1 to 34 pages.

**Executive Engineer (CD-III), IIT Delhi,  
Hauz Khas, New Delhi-110016.**

**INDIAN INSTITUTE OF TECHNOLOGY:DELHI**  
**HAUZ KHAS: NEW DELHI – 110016**  
**IITD/WORKS(SP-4455)/2023**

**INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-QUOTATION (e-Quotation Notice)**

The Executive Engineer (CD-III), IIT DELHI, HAUZ KHAS, New Delhi-16 (Phone No 011-26596237) on behalf of Board of Governors invite online **Item Rate Tender** from Firms/ Contractors Registered in appropriate class and category with CPWD, MES, BSNL, and Railways for **Civil work /Building works/ Building & Roads/Composite works** of the following work:

| SL. No. | NIQ No.                     | Name of Work  | Estimated Cost (in Rs.) | Earnest Money (in Rs.) | Time for completion |
|---------|-----------------------------|---|-------------------------|------------------------|---------------------|
| 1       | /IITD/NIQ/EE/CD-III/2023-24 | <b>Name of work:<br/>Waterproofing work at terrace of IIB type house, 25 G street in IIT Delhi<br/>Sub head- Civil Work</b> | <b>Rs. 4,62,834/-</b>   | <b>Rs.9,257/-</b>      | 01 Month            |

Last date and time of submission of financial & Technical bid : **22/12/2023 upto 3:00 pm (on line)**

Date and time of opening of Technical bid:- **26/12/2023 upto 03:00 pm (Office of DR Store)**

Price bids of eligible bidders as per e-Quotation notice shall be opened at a later date after scrutiny of Technical bids.

1. Contractors who fulfill the following requirements shall be eligible to apply. Joint ventures are not accepted.
  - i) Firms/Contractors must have completed satisfactorily one similar work of value not less than Rs. 3,70,300/- or Two similar works each of value not less than Rs. 2,77,700/- or three similar works each of value not less than Rs 1,85,100.00 during last 7 years ending on previous day of last day of submission of bids.
  - ii) Earnest money of Rs. 9,257/-in the form of Banker's cheque or Demand draft or fixed deposit receipt of a schedule bank drawn in favour of "Registrar, I.I.T. Delhi" No relaxation in EMD will be allowed for MSMEs and MSEs as per CPWD Manual.
2. The intending bidder must read the terms and conditions of IITD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
3. Information and Instructions for bidders posted on website shall form part of bid document.
4. 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 <http://eprocure.gov.in/eprocure/app> .in free of cost.
5. Completion certificates issued by an officer not below the rank of Executive Engineer of similar works completed by the Agency.
6. Work means only work under Government/ Public Sector Under taking / Autonomous bodies.
7. Similar work means works pertaining to waterproofing work only to be considered ( Any work

C----NIL

I----NIL

O-----NIL

A.E.E.(Civil)

E.E (CD-III)

having waterproofing component equal to the amount mentioned in Sr. No, 1(i).

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A.E.E.(Civil)

E.E (CD-III)

8. The value of executed work shall be brought to the 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.
9. 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.
10. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the website
11. The intending bidder must have valid class-III digital signature to submit the bid.
12. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
13. Contractor can upload documents in the form of PDF format.
14. Contractor must ensure to quote rate of each item, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).
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. In e-quotation intending bidder can quote his rates in figures only. The rates in words, amount of each item and total is generated automatically. Therefore, the rate quoted by the bidder in figures is to be taken as correct.
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 3 days after 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 3 days after opening of financial bid 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, whose scanned and uploaded documents are found in order.**
20. 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 – Not applicable.
21. The bid submitted shall become invalid if:
  - a. The bidder is found ineligible if he does not upload document as per page 5 of quotation notice.
  - b. The bidder does not upload all the documents (including GST registration) as stipulated in the quotation document
  - c. If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest e-quotationer in the office of e-quotation opening authority.
22. Bid validity shall be 30 days after opening of financial bids.
23. Quoted Rates should be inclusive of all taxes including GST.

**List of Documents to be scanned and uploaded within the period of bid Submission:-****Technical Bid:-**

The following document are to be uploaded by the bidder along with technical bid. As per quotation document.

1. Demand Draft/Pay order or Banker`s Cheque /Deposit at Call Receipt/FDR of any Scheduled Bank against EMD.
2. Enlistment order of contractor.
3. Certificate of work experience
4. Certificate of Registration for GST and acknowledgement of up to date filed return of GST.
5. Undertaking as per ‘Sl. No. 17 on page No. 4 on firm’s letter head.

**The physical EMD shall be deposited by me / us with the Authority inviting the tender, in case I / we become the lowest tenderer, within 3 days 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.**

6. ESI & EPF registration.
7. FORM “F” (Duly filled with all required details).
8. In case of Partnership firm if all the papers of tender not signed by all the partners then a power of attorney authorizing the person who has signed the tender paper must be uploaded with the tender documents.

**Note: - All Documents mentioned S. No. 1 to 08 are mandatory for technically qualifying.**

**Executive Engineer (CD-III),  
For & on Behalf of BOG, IIT Delhi  
Hauz Khas, New Delhi-110016.**

**Ch. Head:**

**Copy to: -**

1. Executive Engineer (CD-III)
2. D.A. Works accounts
3. AEE (Civil)
4. D.R. (A/Cs) – for opening of e-quotations on 26/12/2023 at 03.00 PM
5. Notice Boards.
6. Office Copy
7. Web site Administrator, I.I.T.D
8. NIQ :- Publicity on Website on Institute as well as on CPP portal <http://eprocure.gov.in> may be ensured as per instruction issued.
9. E-quotation Web. <http://eprocure.gov.in/eprocure/app> or [www.iitdelhi.ac.in](http://www.iitdelhi.ac.in)

C----NIL

I----NIL

O-----NIL

A.E.E.(Civil)

E.E (CD-III)

**FORM "F"**  
**STRUCTURE & ORGANISATION**

1. Name & Address of the bidder
2. Telephone no./ Telex no./ Fax no.
3. Legal status of the bidder (attach copies of original document defining the legal status)
  - a. An Individual
  - b. A proprietary firm
  - c. A firm in partnership
  - d. A limited company or Corporation
4. Particulars of registration with various Government Bodies (attach attested photocopy)

Organization/ Place of registration

Registration No.

- 1.
- 2.
- 3.

5. Name and titles of Director's & Officers with designation to be concerned with this work .....
6. Designation of individuals authorized to act for the organization .....
7. Has the bidder or any constituent partner in case of partnership firm, ever abandoned the awarded work before its completion?  
If so, give name of the project and reasons for abandonment..... !
8. Has the bidder or any constituent partner in case of partnership firm, ever been debarred/ black listed for tendering in any organization at any time? If so, give details .....
9. Has the bidder, or any constituent partner in case of partnership firm, ever been convicted by the court of law? If so, give details..... !
10. Past work experience in IIT Delhi will be considered in deciding the Technical bid..... !

Signature of Bidder(S)

C----NIL

I----NIL

O----NIL

A.E.E.(Civil)

E.E (CD-III)

**Notice Inviting E-quotation****INDIAN INSTITUTE OF TECHNOLOGY**  
**DELHI HAUZ KHAS, NEW DELHI 110016****Terms & Conditions****IITD/WORKS(SP- )/2023**

Indian Institute of Technology Delhi is in the process of purchasing following item(s) as per details as given as under.

|  |  |
|--|--|
| <b>Details of the item</b>                   | <b>As per e-Quotation Notice</b>                         |
| <b>Earnest Money Deposit to be submitted</b> | <b>As per e-Quotation Notice</b>                         |
| <b>Warranty</b>                              | <b>As per terms &amp; condition and as per make list</b> |

E-quotation Documents 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 ‘.

E-quotations can access e-quotation documents on the website (For searching in the NIC site, kindly go to E-quotation Search option and type ‘IIT’. Thereafter, Click on “GO” button to view all IIT Delhi e-quotations). Select the appropriate e-quotation and fill them with all relevant information and submit the completed e-quotation 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 quotes (both Technical and Financial should be submitted in the E-procurement portal).



**Schedule**

|   |  |
|---|--|
| Name of Organization  | Indian Institute of Technology Delhi   |
| E-quotation Type<br>(Open/Limited/EOI/Auction/Single )                                | Open   |
| E-quotation Category (Services/Goods/works)   | Works  |
| Type/Form of Contract (Work/Supply/<br>Auction/Service/Buy/Empanelment/ Sell)         | Works  |
| Product Category (Civil Works/Electrical<br>Works/Fleet Management/ Computer Systems) | Civil  |
| Source of Fund (Institute/Project)  | Institute/ Ch.to.  |
| Is Multi Currency Allowed   | No   |
| Date of Issue/Publishing  | 15/12/2023 AT 17:00 HRS  |
| Document Download/Sale Start Date   | 15/12/2023 AT 17:00 HRS  |
| Document Download/Sale End Date   | 22/12/2023 AT 15:00 HRS  |
| Date for Pre-Bid Conference   | <b>Nil</b>   |
| Venue of Pre-Bid Conference   | ---  |
| Last Date and Time for Uploading of Bids  | 22/12/2023 AT 15:00 HRS  |
| Date and Time of Opening of Technical Bids  | 26/12/2023 AT 15:00 HRS  |
| EMD   | <b>Rs. 9,257/-</b><br>Earnest money in the form of Banker's cheque or Demand draft or fixed deposit receipt of a schedule bank drawn in favour of "Registrar, I.I.T. Delhi"<br><b>or as per NIQ/ E- quotation Notice</b> |
| No. of Covers (1/2/3/4)   | 02   |
| Bid Validity days (180/120/90/60/75/30)   | <b>30</b>  |
| Address for Communication   | <b>Office of the Executive Engineer (Civil Division-III), Room No- MZ-137, Main Building, IIT Delhi, Hauz Khas, New Delhi-110016</b>   |
| Contact No.   | <b>011-26596237</b>  |
| Fax No.   | <b>Nil</b>   |
| Email Address   | a26516@admin.iitd.ac.in  |

### **Instructions for Online Bid Submission:**

As per the directives of Department of Expenditure, this e-quotation document has been published on the Central Public Procurement Portal ([URL:http://eprocure.gov.in/eprocure/app](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](http://eprocure.gov.in/eprocure/app)) by clicking on the link “Click here to Enroll”. 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 userID / password and the password of the DSC / eToken.

### **SEARCHING FOR E-QUOTATION DOCUMENTS**

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active quotation by several parameters. These parameters could include E-quotation ID, organization name, location, date, value, etc. There is also an option of advanced search for e-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 e-quotation published on the CPP Portal.
- 2) Once the bidders have selected the e-quotations they are interested in, they may download the required documents / e-quotation schedules. These e-quotations can be moved to the respective ‘My E-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 e-quotation document.
- 3) The bidder should make a note of the unique E-quotation ID assigned to each e-quotation, 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 e-quotation document before submitting their bids.

- 2) Please go through the e-quotation advertisement and the e-quotation document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the e- 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 e-quotation document.
- 3) Bidder has to select the payment option as “on-line” to pay the e-quotation fee / EMD as applicable and enter details of the instrument. Whenever, EMD / E-quotation fees is sought, bidders need to pay the e-quotation fee and EMD separately on-line through RTGS (Refer to Schedule, Page No.2).
- 4) A standard BoQ format has been provided with the e-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 e-quotation documents become readable only after the e-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 e-quotation document and the terms and conditions contained therein should be addressed to the E-quotation Inviting Authority for a e-quotation or the relevant contact person indicated in the e-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 e-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".
- 3) E-quotation are advised to follow the instructions provided in the 'Instructions to the E-quotation for the e-submission of the bids online through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app>.

**Terms & Conditions Details**

| S. No. | Specification  |
|--------|--|
| 1.     | <b>Due date:</b> The e-quotation has to be submitted on-line before the due date. The offers received after the due date and time will not be considered. No manual bids will be considered.   |
| 2.     | <b>Preparation of Bids:</b> The offer/bid should be submitted in two bid systems (i.e.) Technical bid and financial bid. The technical bid should consist of all technical details along with commercial terms and conditions. Financial bid should indicate item wise price for the items mentioned in the technical bid in the given format i.e BOQ_XXXX.<br>OR<br>Financial Bids to be submitted in Excel.<br><br>The Technical bid and the financial bid should be submitted Online. |
| 3.     | <b>EMD (if applicable):</b> As per e-Quotation notice not applicable   |
| 4.     | <b>Refund of EMD :-</b> As per e-Quotation notice  |
| 5.     | <b>Opening of the e-quotation:</b> As per e-Quotation Notice, Quotation & IITD form 8  |
| 6.     | <b>Acceptance/ Rejection of bids:</b> The Committee reserves the right to reject any or all offers without assigning any reason.   |
| 7.     | <b>Pre-qualification criteria:</b> - Mentioned in e-Quotation notice   |
| 8.     | <b>Force Majeure :-</b> As per IITD form 8   |
| 9.     | <b>Risk &amp; Cost Clause :</b> As per IITD form 8   |
| 10.    | <b>Delivery and Documents:</b> As per e-Quotation Notice & IITD form 8   |
| 11.    | <b>Delayed delivery:</b> As per e-Quotation Notice & IITD form 8   |
| 12.    | <b>Prices:</b> As per e-Quotation Notice & IITD form 8   |
| 13.    | <b>Progress of Work :</b> As per e-Quotation Notice & IITD form 8  |
| 14.    | <b>Inspection and Tests:</b> As per e-Quotation Notice & IITD form 8   |
| 15.    | <b>Resolution of Disputes:</b> As per e-Quotation Notice & IITD form   |
| 16.    | <b>Applicable Law:</b> As per e-Quotation Notice & IITD form 8   |
| 17.    | <b>Supplier Integrity :</b> As per e-Quotation Notice & IITD form 8  |
| 18.    | <b>Training :</b> As per e-Quotation Notice & IITD form 8  |

|     |   |
|-----|---|
| 19. | <b>Installation &amp; Demonstration : As per e-Quotation Notice &amp; IITD form 8</b> |
| 20. | <b>Incidental services: As per e-Quotation Notice &amp; IITD form 8</b>               |
| 21. | <b>Defect liability Period : As per e-Quotation Notice &amp; IITD form 8</b>          |
| 22. | <b>Governing Language : As per e-Quotation Notice &amp; IITD form 8</b>               |
| 23. | <b>Applicable Law : As per e-Quotation Notice &amp; IITD form 8</b>                   |
| 24. | <b>Notices : As per e-Quotation Notice &amp; IITD form 8</b>                          |
| 25. | <b>Taxes : As per e-Quotation Notice &amp; IITD form 8</b>                            |
| 27. | <b>Termination for Default : As per e-Quotation Notice &amp; IITD form 8</b>          |
| 28. | <b>Disputes and Jurisdiction: As per e-Quotation Notice &amp; IITD form 8</b>         |
| 29. | <b>Completion certificate: As per e-Quotation Notice &amp; IITD form</b>              |

## COMPLIANCE SHEET

## TECHNICAL SPECIFICATION:

| S.No. | Technical Bid Requirement As per e-Quotation Notice & IITD form 8  | Compliance Y/N |
|-------|--|----------------|
| 1     | Demand Draft/Pay order or Banker`s Cheque /Deposit at Call Receipt/FDR of any Scheduled Bank against EMD.  |                |
| 2     | Enlistment order of contractor.  |                |
| 3     | Certificate of work experience.  |                |
| 4     | Certificate of Registration for GST and acknowledgement of up to date filed return of GST.   |                |
| 5     | Undertaking as per `Sl. No. 17 on page No. 4 on firm`s letter head.  |                |
| 6     | ESI & EPF registration.  |                |
| 7     | FORM "F" (Duly filled with all required details).  |                |
| 8     | In case of Partnership firm if all the papers of tender not signed by all the partners than a power of attorney authorizing the person who has signed the tender paper must be uploaded with the tender documents. |                |
| 9     | Annexure-I (duly filled & signed by the bidders)   |                |
| 10    | Annexure-II (duly filled & signed by the bidders)  |                |
| 11    | Annexure-III (duly filled & signed by the bidders)   |                |
| 12    | Any other Document mentioned in Quotation  |                |

I have also enclosed all relevant documents in support of my claims, as above.

Signature of Bidder Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization Name: \_\_\_\_\_

Contact No. : \_\_\_\_\_

C----NIL

I----NIL O----NIL

A.E.E.(Civil)

E.E (CD-III)

## ANNEXURE-II

<< Organization Letter Head >>  
DECLARATION SHEET

We, \_\_\_\_\_ hereby certify that all the information and data furnished by our organization with regard to this e-quotation specification are true and complete to the best of our knowledge. I have gone through the specification, conditions and stipulations in details and agree to comply with the requirements and intent of specification.

This is certified that our organization has been registered as per E-quotation Notice & NIT & IITD form 8 E-quotation. We further certified that our organization meets all the conditions of eligibility criteria laid down in this e-quotation document.

|  |  |
|--|--|
| We, further specifically certify that our organization has not been Black Listed/De Listed or put to any Holiday by any Institutional Agency/ Govt. Department/ Public Sector Undertaking in the last three years. | NAME & ADDRESS OF THE Vendor/ Manufacturer / Agent |
| 1 Phone  | <b>As per e-Quotation Notice</b>                   |
| 2 Fax  |  |
| 3 E-mail   |  |
| 4 Contact Person Name  |  |
| 5 Mobile Number  |  |
| 6 GST Number   |  |
| 7 PAN Number   |  |
| (In case of on-line payment of E-quotation Fees)   |  |
| 8 UTR No. (For E-quotation Fee)  |  |
| (In case of on-line payment of EMD)  |  |
| 9 UTR No. (For EMD)  |  |

(Signature of the Bidder)

Name:

Seal of the Company



List of Govt. Organization/Deptt.

List of Government Organizations for whom the Bidder has undertaken such work As per Tender Notice & NIT & IITD form 8

| Name of the organization    | Name of Contact Person | Contact No. |
|-----------------------------|------------------------|-------------|
|                             |                        |             |
|                             |                        |             |
|                             |                        |             |
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|                             |                        |             |
| <b>AS PER TENDER NOTICE</b> |                        |             |
|                             |                        |             |
|                             |                        |             |
|                             |                        |             |

Signature of

**Bidder Name:** \_\_\_\_\_  
**Designation:** \_\_\_\_\_  
**Organization Name:** \_\_\_\_\_  
**Contact No. :** \_\_\_\_\_

## **IITD-6 FOR e-QUOTATION AND TERM & CONDITIONS**

Item rate e-quotation are invited on behalf of Board of Governors from contractors/firms engaged in the field of civil construction work in appropriate category for the **work as per e-quotation notice**.

The enlistment of the contractors should be valid on the last date of submission of e-quotations. In case the last date of submission of e-quotation is extended, the enlistment of contractor should be valid on the original date of submission of e-quotations.

- 1.1 The work is estimated to cost as per e-quotation notice This estimate, however, is given merely as a rough guide.
- 1.2 Details of criteria for eligibility As Indicated in “INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e- QUOTATION FORMING PART OF NIQ AND TO BE POSTED ON WEBSITE”
2. Agreement shall be drawn with the successful bidders on prescribed Form No. IITD - 8 (or other Standard Form as mentioned) which is available as a Govt. of India Publication. Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
3. The time allowed for carrying out the work will be as per e-quotation notice 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 e-quotation 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 <http://eprocure.gov.in/eprocure/app> or iitd.ac.in or e- procure.gov free of cost.
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 e-quotation 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 e-quotation 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 e-quotation submitted earlier shall become invalid. <http://eprocure.gov.in/eprocure/app>
9. The bid submitted shall become invalid if:
  - (i) The bidders are found not eligible.
  - (ii) The bidders do not upload all the documents (including GST registration / **other documents as per e-Quotation Notice**) as stipulated in the bid document.
  - (iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically in the office of e-quotation opening authority.
10. The time & date of submission & opening of financial bid of contractors qualifying the **criteria as per e-Quotation Notice** shall be communicated to them at a later date.
11. Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their e-quotations as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their e-quotation. A e-quotation 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 e-quotation 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 e-quotation by a e- quotation 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.
12. The competent authority on behalf of the Board of Governors does not bind itself to accept the lowest or any other e- quotation and reserves to itself the authority to reject any or all the e-quotations received without the assignment of any reason. All e-quotations in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the e-quotation shall be summarily rejected.
13. Canvassing, whether directly or indirectly, in connection with e-quotations is strictly prohibited and the e-quotations submitted by the contractors who resort to canvassing will be liable to rejection.
14. The competent authority on behalf of Board of Governors reserves to himself the right of accepting the whole or any part of the e-quotation and the e-quotation shall be bound to perform the same at the rate quoted.

15. The contractor shall not be permitted to e-quotation 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 Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
16. 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 previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as afore said before submission of the e-quotation or engagement in the contractor's service.
17. The e-quotation for the works shall remain open for acceptance for a period of Thirty (30) days from the date of opening of e-quotations, if any e-quotation withdraws his e-quotation before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the e-quotation which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the e-quotation shall not be allowed to participate in the re-quotation process of the work.
18. This notice inviting E-quotation shall form a part of the contract document. The successful e-quotation / contractor, on acceptance of his e-quotation by the Accepting Authority shall within 07 days from the stipulated date of start of the work, sign the contract consisting of:-
  - a) The Notice Inviting E-quotation, all the documents including additional conditions, specifications and drawings, if any, forming part of the e-quotation as uploaded at the time of invitation of e-quotation 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 - 8 or other Standard IITD Form as mentioned
19. In case any discrepancy is noticed between the documents as uploaded at the time of submission of the bid online and hard copies as submitted physically in the office of Executive Engineer, then the bid submitted shall become invalid.

**Executive Engineer (CD-III) IIT  
Delhi, Hauz Khas, New Delhi**

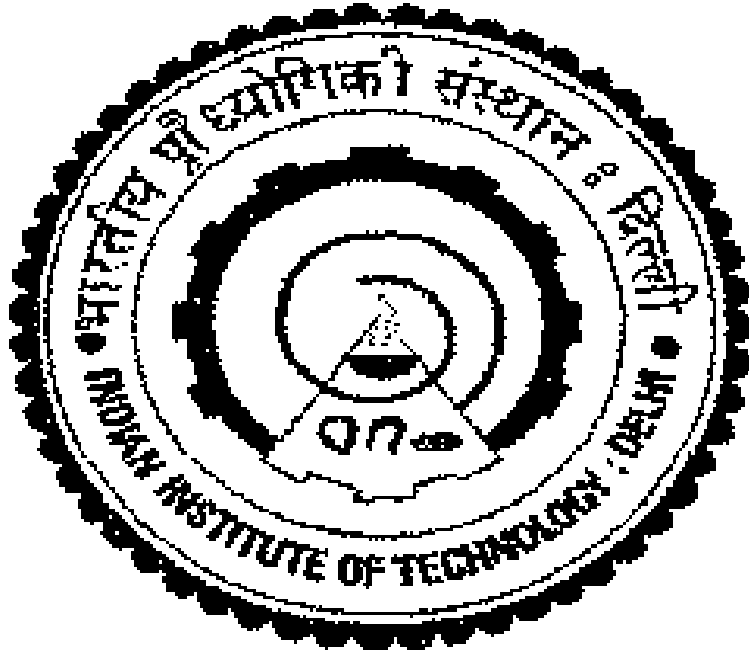
C----NIL

I----NIL O----NIL

A.E.E.(Civil)

E.E (CD-III)

# Notice Inviting e-Quotation



**Indian Institute of Technology,  
Delhi**

**Hauz Khas, New Delhi –  
110016 (Works Department)**

**I.I.T.D – 6****I.I.T.D****INDIAN INSTITUTE OF TECHNOLOGY DELHI****HAUZ KHAS, NEW DELHI - 110016 NOTICE****INVITING e-QUOTATION**

1. Item rate e-quotations are invited on behalf of The Board of Governors, I.I.T. Delhi, Hauz Khas, New Delhi - 16 from approved and eligible contractors of Registered in appropriate class and category with CPWD, MES, BSNL, and Railways **for Civil work /Building works/ Building & Roads/Composite works.**

The enlistment of the contractors should be valid on the last date of sale of e-quotations.

In case only the last date of sale of e-quotation is extended, the enlistment of contractor should be valid on the original date of sale of e-quotations.

In case both the last date of receipt of application and sale of e-quotations are extended, the enlistment of contractor should be valid on either of the two dates i.e. original date of sale of e- quotation or on the extended date of sale of e-quotations.

- 1.1 The work is estimated to cost **as per e-quotation notice** This estimate, however, is given merely as a rough guide.

- 1.1.1 The authority competent to approve NIQ for the combined cost and belonging to the major discipline will consolidate NIQs for calling the e-quotations. He will also nominate Division which will deal with all matters relating to the invitation of e- quotations.

For composite e-quotation, besides indicating the combined estimated cost put to e- quotation, should clearly indicates the estimated cost of each component separately. The eligibility of e-quotation will correspond to the combined estimated cost of different components put to e-quotation.

- 1.2 E-quotations will be issued to eligible contractors provided they produce 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 issue of e-quotation documents**

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

Three similar works each of value not less than 40% of estimated cost or two similar work each of value not less than 60% of estimated cost or one similar work of value not less than 80% of estimated cost (rounded to nearest Rs. 100/-) in last 7 years ending last day of the month previous to the one in which the e-quotations are invited.

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to the last date of receipt of application for e-quotation.

**1.2.2 To become eligible for issue of e-quotation, the e-quotation 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 before date of start of work or during execution of work at any stage, then I/we shall be debarred for tender in I.I.T.D in future forever. “

1. E-quotation shall be drawn with the successful e-quotation on prescribed Form No. I.I.T.D 7/8 which is available as I.I.T.D. Publication. E-quotation shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
2. The time allowed for carrying out the work will be **as per e-Quotation Notice** 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 e-quotation documents.
3. The site for the work is available.

OR

The site for the work shall be made available in parts as specified below:-

5. Applications for issue of forms shall be received by **As per e-Quotation Notice** and e- quotation document shall be issued by **As per e-Quotation Notice**  
E-quotation document consisting of plans, specifications, the schedule of quantities of the various classes of work to be done and the set of terms & conditions of contract to be complied with by the contractor whose E-quotation may be accepted and other necessary documents can see in the office the Executive Engineer (Civil Division-III) between hours of 11.00 AM & 4.00 PM from -----**as per e-quotation notice**----- **every** day except on Saturday, Sunday and Public Holidays.
6. (i) E-quotations shall be accompanied with Earnest money **as per e-quotation notice** in the form of Banker’s cheque or Demand draft or fixed deposit receipt of a schedule bank drawn in favour of I.I.T. Delhi.
7. The description of the work is as follows:  
Copies of other drawing and documents pertaining to the works will be open for inspection by the e- quotations at the office of above mentioned officer.  
E-quotations are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their e-quotations as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their e-quotation. A e-quotation 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 e- quotation 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 e- quotation by a e-quotation 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 IITD and local conditions and other factors having a bearing on the execution of the work.

8. The competent authority on behalf of the The Board of Governors, I.I.T. Delhi, Hauz Khas, New Delhi - 16 does not bind itself to accept the lowest or any other e-quotation and reserves to itself the authority to reject any or all the e-quotations received without the assignment of any reason. All e-quotations in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the e-quotation shall be summarily rejected.
9. Canvassing whether directly or indirectly, in connection with e-quotations is strictly prohibited and the e-quotations submitted by the contractors who resort to canvassing will be liable to rejection.
10. The competent authority on behalf of The Board of Governors, I.I.T. Delhi, Hauz Khas, New Delhi - 16 reserves to himself the right of accepting the whole or any part of the e-quotation and the e- quotation shall be bound to perform the same at the rate quoted.
11. The contractor shall not be permitted to e-quotation for works in the I.I.T.D Circle 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).
12. He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any officer in the INDIAN INSTITUTE OF TECHNOLOGY, HAUZ KHAS, NEW DELHI – 110016. Any breach of this condition by the contractor would render him liable to be barred from e-quotation in IITD.
13. 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 previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the e- quotation or engagement in the contractor's service.
14. The e-quotation for the works shall remain open for acceptance for a period of Thirty Days (30) days from the date of opening of e-quotations/Thirty days from the date of opening of financial bid **as per E-quotation Notice** if any e-quotation withdraws his e-quotation before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the e-quotation which are not acceptable to the department, then the I.I.T. 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 e-quotation shall not be allowed to participate in the ree-quotation process of the work.

SCHEDULE OF MATERIAL TO BE ISSUED

Schedule showing approx. quantities of material to be supplied by Institute Clause 10 of the condition of contact for work contracted to be executed and rates at which they are to be charge for.

| Items Particulars | Rates at which the material will be charged to the contractor. | Place of delivery |
|-------------------|--|-------------------|
|                   | NIL  |                   |
|                   |  |                   |

Note:-

1. The person of firm submitting the e-quotation should be see the rates in the above schedule are filled buy the Engineer-in-charge on the form prior to the submission of the e-quotation.
2. The above issued rates are inclusive 2% (Two percent) storage charges.

C----NIL

I----NIL O-----NIL

A.E.E.(Civil)

E.E (CD-III)



**INDIAN INSTITUTE OF TECHNOLOGY: DELHI****Terms & Conditions of Works-Order**

1. No T & P would be supplied by the Institute and contractor will have to make his own arrangement.
2. The contractors are advised to get acquainted with the proposed work including specifications & its site and additional conditions carefully before quoting. No claim of any sort shall be entertained or account of any site conditions and ignorance of specifications & additional conditions. The work shall be carried out as per the availability of site.
3. The work shall be carried out as per CPWD specifications for civil and electrical work with up – to date correction slips unless otherwise specified in the nomenclature of individual item or in the specification, additional conditions where specifications are silent, the decision of Engineer-in-Charge shall be final and binding on contractor.
4. The rates quoted by the contractor shall be taken as net and nothing extra shall be paid on any account i.e Royalty, Cartage, GST & stacking of material required at places etc. The rates for different items of work shall apply for Heights & Depths, Leads & Lifts unless otherwise specified in the agreement or specifications applicable in the agreement.
5. Any damage done by the contractor to any existing item / any part of the building during the course of execution of work shall be made good by at his own cost.
6. Articles manufactured by the reputed firms and approved make list in tender.
7. The sample of material required in the work brought at site shall be got approved from Engineer –in- Charge before use in execution of work.
8. The sample of material required for Testing shall be provided at free of cost by the contractor. Testing charges if any shall be borne by the IITD if satisfactory report and if test results are unsatisfactory than testing charges shall be deducted from bills of contractor. All other expenditure to be incurred for taking sample, conveyance, packing etc. shall be borne by the contractor.
9. The contractor shall submit a detailed program of work within 7 days of the date of award of work. The Engineer – in- Charge can modify the program and the contractors have to work accordingly.
10. The contractor shall make his own arrangement for getting the permission with respect to trucks from the Traffic Police.
11. No payment shall be made to contractor for any damage caused by the rain, snowfall or any other natural causes what so ever during the execution of work.
12. Some restrictions may be imposed by the security staff of IIT Delhi etc. on the working and or movement of labour& material. **No labour camp/ huts shall be allowed in IIT Campus. The contractor shall make his own arrangement for labour huts outside the campus.** However constructions of cement

godown and Chowkidar's hut in the Campus shall be permitted. The contractor shall be bound to follow all such restrictions/ instructions and nothing shall be payable on this account.

13. The contractor shall be fully responsible for the safe custody of the material issued or brought at site by him for doing the work.
14. The Malba / Garbage generated at site due to construction activities shall be removed from the site immediately & shall be disposed off by the contractor to the approved dumping site of MCD and all statutory approvals from local bodies shall be a sole responsibility of contractor.
15. The contractor shall clean the site thoroughly of scaffolding materials, rubbish, equipment's left out of his work & dress the site around the building to the complete satisfaction of the Engineer-in-Charge before the work is treated as completed.
16. Contractor has to quote against the item of schedule of credit of material. The contractor cannot quote either minus rate or Zero rate for these items.
17. Income tax and other taxes as applicable shall be deducted from the bills of contractor.
18. 1% labour cess or as applicable will be deducted from the bills of contractor.
19. Water charges @1% and Electricity charges @0.50% of gross work done shall be deducted from bills of contractor if electricity and water provided by IIT Delhi.
20. Agency has to take proper safety measures during the execution of work.
21. For waterproofing work performance guarantee @ 10% value of waterproofing work for a period of 5 years in the form of FDR of any Scheduled Bank/ bank guarantee has to be submitted by the contractor and final bill only be released after submitting the performance guarantee along with guarantee bond as per annexure-A
22. Extra items/ Substitute Items will be derived as per CPWD GCC(Maintenance) 2023.
23. Deviation limit is 100% applicable on this quotation.
24. Extension of Time will be as per CPWD GCC(Maintenance) 2023.

Annexure-A

**FORM OF WATER PROOFING WORKS GUARANTEE BOND ON STAMP PAPER**

This agreement made this.....day of two thousand.....between M/s.....(hereinafter called the Guarantor of the one part) and the BOG IIT Delhi (hereinafter called the Govt. of the other part).

Whereas this agreement is supplementary to the contract (hereinafter called the Contract) dated..... made between the Guarantor of the one part and Govt. of the other part, whereby the contractor inter alia, undertook to render the Buildings and structures in the said contract recited completely water and leak proof.

And whereas the Guarantor agreed to give a guarantee to the effect that the said structure will remain waterproof for **Five years** to be reckoned from the date after the maintenance period prescribed in the contract expires.

During this period of guarantee the Guarantor shall make good all defects and for that matter, shall replace at his risk and cost such members as may be damaged by water and in case of any other defect being found he shall render the building waterproof at his cost to the satisfaction of the Engineer-in- Charge and shall commence the works of such rectification within seven days from the date of issuing notice from the Engineer-in-Charge calling upon him to rectify the defects failing which the work shall be got done by the Department by some other contractor at the Guarantor's cost and risk and in the latter case the decision of the Engineer-in-charge as to the cost, recoverable from the Guarantor shall be final and binding.

That if the Guarantor fails to execute the waterproofing or commits breaches hereunder then the Guarantor will indemnify principal and his successors against all loss, damage, cost, expense or otherwise which may be incurred by him by reason of any default on the part of the Guarantor in performance and observance of this supplemental agreement. As to the amount of loss and/or damage and/or cost incurred by the Government the decision of the Engineer-in-charge will be final and binding on the parties.

In witness whereof of these presents have been executed by the Obligor... ..and by..... For and on behalf of the BOG IIT Delhi on the day, month and year first above written.

SIGNED, SEALED and delivered by OBLIGOR in presence

of- 1.

2.

SIGNED for and on behalf of BOG IIT Delhi by .....in the presence of-

1.

2.

*Blanks to be filled by Contractor/EE(CD-III)*

## LIST OF APPROVED MAKES FOR CIVIL & ELECTRICAL WORKS

### A:- Civil Items

| S. No. | Description  | Approved Makes   |
|--------|--|--|
| 1      | EWC seat covers  | HINDWARE/ PARRYWARE/ CERA/ KEROVIT   |
| 2      | C.P brass fittings/ Accessories  | JAQUAR/ MARC/ KOHLAR /KEROVIT  |
| 3      | PVC Seat Cover   | PRAYAG/ POLYTUF/SHAKTI/ PEARL  |
| 4      | PVC Fittings/ Accessories  | PRAYAG/ PRIMA/SHAKTI/ PEARL  |
| 5      | Cement (Grey) OPC/ PPC Grade-43  | ACC/ L&T/J.K/ BIRLA/ULTRA TECH/ VIKRAM   |
| 6      | Cement(White)  | J.K/ BIRLA   |
| 7      | Reinforcement Steel  | PRIMARY MANUFACTURERS APPROVED BY MINISTRY OF STEEL/ SECONDARY MANUFACTURERS HAVING VALID BIS LICENSE (to be as per latest BIS provisions) |
| 8      | Structural Steel   | PRIMARY MANUFACTURERS APPROVED BY MINISTRY OF STEEL/ SECONDARY MANUFACTURERS HAVING VALID BIS LICENSE (to be as per latest BIS provisions) |
| 9      | Stainless Steel (Grade 304)  | JINDAL/ SAIL/ SALEM  |
| 10     | Bricks   | COMMERCIALLY AVAILABLE OR REQUIRED STRENGTH  |
| 11     | Aluminum Sections  | HINDALCO/ JINDAL/ MAHAVIR  |
| 12     | Flush doors  | CENTURY/ MERINO/ DURO BOARD/ GREEN   |
| 13     | Laminates  | GREENLAM/ DURO/ ARCHID/ MERINO/ CENTURY  |
| 14     | Glass  | SAINT GOBAIN/ MODI FLOAT/ ASAHI FLOAT  |
| 15     | Ceramic Glazed tiles/ Border tiles   | 1ST QUALITY KAJARIA/ NITCO/ JOHNSON/ ORIENT/ SOMANY  |
| 16     | Vitrified Tiles  | JOHNSON/ KAJARIA/ ORIENT/ SOMANY   |
| 17     | Interlocking Precast paver blocks/ Kerb Stone                              | HINDUSTAN TILES/ SWASTIK/ DALAL  |
| 18     | Stainless Steel Hinges   | JOLLY/ GARG/ AMIT/ ASJ/ SUPREME  |
| 19     | Stainless Steel Nuts/ Bolts/ Screws  | KUNDAN/ PUJA/ ATUL/ GKW  |
| 20     | Paint/ primer/ oil bound distemper/ Acrylic paint/ plastic paint           | 1ST QUALITY PAINTS OF ASIAN/ BERGER/ NEROLAC/ SHALIMAR /DULUX  |
| 21     | Water Proof Cement Paint/ Exterior Paint                                   | 1ST QUALITY PAINTS OF ASIAN PAINTS/ BERGER/ NEROLAC/ SHALIMAR /DULUX   |
| 22     | Sanitaryware (Vitreous China) (European Seats, Urinals, Wash Basins, etc.) | HINDWARE/ PARRYWARE/ CERA/ KEROVIT   |
| 23     | G.I Pipes  | TATA / JINDAL(HISSAR)/ BHUSHAN/ APL APPOLO   |
| 24     | G.I Fittings   | UNIK/ ZOLOTO/ AM   |
| 25     | Stainless Steel Sink   | NEELKANTH/ JAINA/ KINGSTON (COBRA)   |
| 26     | Commercial Board/ PLY  | MERINO/ DURO/ GREEN/ CENTURY/ KIT (SWASTIK)  |
| 27     | CI Pipes/ Fittings   | RIF/ NECO/ BENGAL IRON WORKS/ BC/ SKF  |
| 28     | CI Pipes "Class LA"  | NICO/ KESORAM/ ELECTRO STEEL/ KAPILANSH  |
| 29     | Floor Spring   | DORMA/ GODREJ/ HAFELE/ GEZE/ OZONE   |
| 30     | Door Closer  | SANDHU/ HARDWIN/DORMA/ GODREJ/ HAFELE/ GEZE/ OZONE   |
| 31     | Mirror   | ATUL/ MOIGUARD / SAINT GOBAIN/ AASHI   |
| 32     | Vertical Blinds  | VISTA/ MAC/ MARVEL DÉCOR/ SAINT GOBAIN/DECK DÉCOR  |
| 33     | False Ceiling  | ARMSTRONG/ SAINT GOBAIN/ META WORTH  |
| 34     | Water proofing compound  | SIKA/ FOSROC/ PIDILITE/ ASIAN/BASF/CICO  |
| 35     | Particle Board   | NOVA PAN/ BHUTAN BOARD/ ECO BOARD  |
| 36     | Adhesive   | FEVICOL/ VAMICOL/ DUNLOP/ VAM ORGANIC / kajaria  |
| 37     | Tile Adhesive  | PIDILITE/ FERROUSCRETE/ BALLENDURA/ CICO   |
| 38     | Wall Putty   | BIRLA /JK/ SARA  |
| 39     | Epoxy Grout  | BALLENDURA / KERAKOLL/ FERROUSCRETE  |
| 40     | PVC Water storage tank (ISI marked)  | SINTEX/ UNI PLAST/ POLYWELL  |
| 41     | PVC insulated Water storage tank Heavy Duty 4/5 layer                      | SINTEX/ UNIPLAST/ POLYWELL/ EURO   |
| 42     | Brass Ball Valve/ Gate Valve/ Float Valve / Butterfly valve                | ZOLOTO/ AM/ LEADER/ SANT   |
| 43     | Aluminium Door fittings  | CLASSIC/ EVEREST/ ARGENT   |
| 44     | Brass Bib/ Stop cock   | AGI/ ELITE/ SHAKTI/ SANT/ LEADER/ PRIMA  |

|    |   |  |
|----|---|--|
| 45 | Thermoplastic paint   | CBM/ CMS/ S.N. INDUSTRIES                                      |
| 46 | Plaster of Paris Putty  | ADHASHREE/ SHREE RAM/ J.K/ BIRLA                               |
| 47 | RCC Pipe  | LAKSHMI/ SOOD & SOOD/ JAIN &Co./ DIWAN SPUN PIPES              |
| 48 | PVC Pipe  | PRAKASH/ PRINCE/ SUPREME                                       |
| 49 | Sandwich Roof Panel (Puff Panel)                                    | KAKTUS/ ZEP/ E- PACK/ LLOYED                                   |
| 50 | WPC Board and MPC Board   | FLORESTA, ECOSTE, RAJ SHREE                                    |
| 51 | WPC Door Frame  | FLORESTA, ECOSTE, RAJ SHREE                                    |
| 52 | Self- Closing Hinges  | HETTICH, KITCH, PLUM   |
| 53 | Poly Carbonate Sheet  | GE LEXAN/ POLYGAL/TUFLITE                                      |
| 54 | ACP Panel   | ALSTRONG /ALUCOBOND / EUROBOND/ ALUDECOR                       |
| 55 | Acoustic Wooden/Fabric Paneling                                     | ARMSTRONG / ANUTONE/ CREDENCE / TOPAKUSTIC                     |
| 56 | Polyvinyl Flooring  | ARMSTRONG / POLY FLOR/ TARKETT                                 |
| 57 | Glow Stud, Solar Power Stud   | ROAD STAR/ 3M/ DARK EYE/ EVERY DENNISON                        |
| 58 | Laminate Wooden Flooring  | VISTA/ ACTION TESA/ ARMSTRONG/ PERGO                           |
| 59 | Sun Control Film  | 3M/ GARWARE/ SAINT GOBAIN                                      |
| 60 | Insulation (Mineral / rock wool )                                   | UP TIWAGA LTD / ROCKWOOL IND./ F.G.P.                          |
| 61 | Fire Door   | NAVAIR/ SHAKTI/ RADIANT/SIGNUM/PROMAT                          |
| 62 | Flush door Shutters of various thickness                            | MERINO/ DURO/ GREEN/ CENTURY/ KIT (SWASTIK)                    |
| 63 | Open cell false ceiling   | ARMSTRONG /CREDENCE /HUNTER DOUGLAS                            |
| 64 | Calcium silicate false ceiling                                      | AEROLITE, RAMCO, HILUX, USG BORAL                              |
| 65 | Gypsum Board  | GYPROC BY SAINT GOBAIN, USG BORAL, ARMSTRONG                   |
| 66 | Fiber Cement Board  | EVEREST/ USG BORAL / VISAKA                                    |
| 67 | CPVC Pipe Fitting & Solvent   | SUPREME/ ASTRAL/ ASHIRWAD / PRINCE / PRAKASH                   |
| 68 | UPVC Pipes & Fittings   | SFMC / SUPREME/ FINOLEX  |
| 69 | UPVC Window   | FENESTA / REHAU/ ENCRAFT/ (NCL Wintech)/ SAINT GOBAIN          |
| 70 | Friction Stay Hinges  | EARL- BIHARI/ EBCO/HETTICH                                     |
| 71 | M.S Pipes   | JINDAL/ APPOLO/ SWASTIK / TATA / SURYA                         |
| 72 | Gypsum Plaster  | FERROUS CRETE (FERRO-500)/ GYPROC (ELITE-100)/ KERAKOL (K-100) |
| 73 | GRC Wall Tile / Jali  | UNISTONE/ DALAL/ SWASTIK ALWAR / ULTRA                         |
| 74 | HDMR Board  | CENTURY/ GREEN/ ACTION TESSA                                   |
| 75 | High Pressure Laminate(HPL)   | CENTURY/ GREEN / MERINO/TRESPA/ FUNDERMAX                      |
| 76 | Anchor Fastener( Mechanical/ Chemical)                              | HILTI/ MUNGO/CANON/ FISCHER/ WUERTH                            |
| 77 | Cupboard Lock   | PLAZA/ GODREJ/ HETTICH/ HAFLEY                                 |
| 78 | Rust remover / Rust converting primer /paint                        | FOSROC/SIKA/BASF/PIDILITE                                      |
| 79 | polymer based zinc rich primer                                      | FOSROC/SIKA/BASF/PIDILITE                                      |
| 80 | anticorrosive paint   | FOSROC/SIKA/BASF/PIDILITE                                      |
| 81 | Concrete penetrating HI-TECH Corrosion inhibitor                    | FOSROC/SIKA/BASF/PIDILITE                                      |
| 82 | Thixotropic Epoxy repair mortar                                     | FOSROC/SIKA/BASF/PIDILITE                                      |
| 83 | Latex / SBR Polymer Compound  | FOSROC/SIKA/BASF/PIDILITE                                      |
| 84 | Low viscous epoxy resin grout                                       | FOSROC/SIKA/BASF/PIDILITE                                      |
| 85 | Epoxy resin for Concrete bond coat                                  | FOSROC/SIKA/BASF/PIDILITE                                      |
| 86 | Pre-batched non-shrink polymer modified mortar                      | FOSROC/SIKA/BASF/PIDILITE                                      |
| 87 | Pre-batched Pre Mixed Non- Shrink Micro Concrete                    | FOSROC/SIKA/BASF/PIDILITE                                      |
| 88 | Pre-batched Pre Mixed Non- metallic composite fiber wrapping system | FOSROC/SIKA/BASF/PIDILITE                                      |
| 89 | Epoxy for rebar/shear anchor  | FOSROC/SIKA/BASF/HILTI   |
| 90 | Modular kitchen basket and accessories ( SS-304 Grade)              | HETTICH/ KITCH/ PLUM / PECKOCK                                 |
| 91 | Manhole cover /Grating  | KK MANHOLE / DALAL / SWASTIK / HINDUSTAN                       |
| 92 | laminate wooden flooring  | VISTA / ARMSTRONG / ACTION TESSA                               |
| 93 | Engineered wood Flooring  | PERGO / JUNKERS / BOEN / SQUARFOOT                             |
| 94 | SS Pipe (304 grade) FOR WATER SUPPLY                                | JINDAL / TATA / ALFA PRESS / VIEGA                             |
| 95 | Epoxy flooring  | FOSROC / SIKA / BASF   |

| FURNITURE   |   |  |
|---|---|--|
| 96  | Work Station  | GODREJ INTERIO/ HAWORTH / STEEL CASE/ WIPRO/ FEATHERLITE/ HERMAN MLLER |
| 97  | Executive Table/ other table                            | GODREJ INTERIO/ HAWORTH / STEEL CASE/ WIPRO/ FEATHERLITE/ HERMAN MLLER |
| 98  | Chair / Audi Chair                                      | GODREJ INTERIO/ HAWORTH / STEEL CASE/ WIPRO/ FEATHERLITE/ HERMAN MLLER |
| 99  | Lab Furniture's   | KEWANEE / WALDNER / GODREJ/ WIPRO / FEATHERLITE                        |
| 100   | Hostel beds and cots                                    | ZUARI / EVOK / GODREJ / WIPRO / FEATHERLITE                            |
| 101   | Hospital beds   | HUNTLEY / STRIKER /GODREJ /WIPRO /FEATHERLITE                          |
| <b>ITEMS FOR CLEAN ROOM / BSL / SRTERLIZATION / SPECIAL LAB FURNITURE</b> |   |  |
| 102   | Clean room Wall, Ceiling panel, coving                  | IClean/ Nicomac/ Clestra/ Channel Systems                              |
| 103   | Clean room Garment cabinet, shoe rack                   | IClean/ Kleainzaid/ Channel Systems                                    |
| 104   | Cleanroom Doors, Return air riser                       | IClean/ Nicomac/ Clestra/ Channel Systems                              |
| 105   | Pass box, Air Shower                                    | IClean/ Kleainzaid/ Channel Systems                                    |
| 106   | Utility Gas piping valves and Fittings (for clean room) | Shavo Technologies / Excel Gas/ GDS STARLING / Broen / Ratnamani       |
| 107   | Utility Gas Pipe SS 304 Seamless (for clean room)       | Excel Gas / Scoda / Venus / Dockweller                                 |
| 108   | SS 316 L Electro polished tubing                        | Dockweller / Valex / Sandvik / Ratnamani                               |
| 109   | Chilled water pump                                      | Grundfos/ KBL / Beacon / Wilo  |
| 110   | Insulation for pipe and valves                          | Armaflex/ K Flex/ A flex/ Supreme                                      |
| 111   | Auto Air vent, Y strainer                               | Anergy / Zoloto / Lehry  |
| 112   | 3 way modulating valve, Flow switch                     | Siemens / Honeywell  |
| 113   | Humidistat, Thermostat, DP Sensor                       | Siemens / Honeywell  |
| 114   | Magnehalic gauge  | Dwyer / Sensocon / Micro precision                                     |
| 115   | Temperature Pressure gauge                              | H Guru / Wika / Febig  |
| 116   | Pre Insulated Ducting                                   | RR Engineers /Asawa / Paul   |
| 117   | Thermal Insulation for GI ducting                       | Supreme/K. Flex/A Flex/Armaflex  |
| 118   | HEPA Filters, HEPA terminal, BIBO unit                  | AAF/Camfil/ Thermadyne / Mechmaark                                     |
| 119   | Building Management System                              | Honeybell / Siemens / Johnson  |
| 120   | Biometric Access System                                 | Siemens / Vantage / ExcelLex   |
| 121   | Door Interlock  | Honeywell/Vantage / Drishti / Ozone                                    |
| 122   | Thyristor Heater  | KEPL/Intercool/ Rapid Cool   |
| 123   | Compressed Dry Air (Oil free type)                      | Atlas Copco / Chicago Pneumatics Ingersol Rand / Elgi                  |
| 124   | Antivibration mounting                                  | Resistoflex/ Gerb / polybond   |
| 125   | Variable Frequency Drive                                | ABB / Danfos / Fuji  |
| 126   | Lab Casework  | Kewaunee/GD-Waldner/Godrej/Citizen/ Lab india / lab guard              |
| 127   | Fume Hoods  | Kewaunee/GD-Waldner/Godrej/Citizen/ Lab india / lab guard              |
| 128   | Utility Valves  | Broen/Water Saver/FAR  |
| 129   | VAV Controls  | TEL  |
| 130   | Spot Extractor  | Fumex/ Alsident  |
| 131   | Exhaust blower  | Colasit / Plastifier/ Seat   |
| 132   | Acid storage  | Kewaunee/ Justrite/Asecos  |
| 133   | Solvent storage ( FM)                                   | Kewaunee/ Justrite/Asecos  |
| 134   | Chemical storages                                       | Kewaunee/GD-Waldner/Godrej/Citizen                                     |
| 135   | Document Storages                                       | Kewaunee/GD-Waldner/Godrej/Citizen/ Lab india / lab guard              |
| 136   | Bio safety cabinet                                      | Kewaunee/ Klenzaid/ Esco / Fisher                                      |
| 137   | Laminar air flow  | Kewaunee/ Klenzaid/ Esco / Fisher                                      |
| 138   | Laboratory chairs (SS)                                  | Kewaunee/GD-Waldner/Godrej/Citizen                                     |
| 139   | Lab Stools (SS)   | Kewaunee/Godrej/Citizen/Filtotech/Universal                            |

## **BID SUBMISSION**

### ONLINE BID SUBMISSION

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

| <b>Envelope – 1</b>                                     |                  |   |                   |
|---|------------------|---|-------------------|
| (Following documents to be provided as single PDF file) |                  |   |                   |
| <b>Sl. No.</b>  | <b>Documents</b> | <b>Content</b>  | <b>File Types</b> |
| 1.  | Technical Bid    | Demand Draft/Pay order or Banker`s Cheque /Deposit at Call Receipt/FDR of any Scheduled Bank against EMD.   | .PDF              |
| 2.  |                  | Enlistment order of contractor.   | .PDF              |
| 3.  |                  | Attested certificate of work experience.  | .PDF              |
| 4.  |                  | Certificate of Registration of GST and acknowledgment of up to date field return of GST.  | .PDF              |
| 5.  |                  | Undertaking as per on firm`s letter head.<br><br><b>“the physical EMD shall be deposited by me / us with the Authority inviting the tender, in case I / we become the lowest quotationer, within 3 days after 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”</b> | .PDF              |
| 6.  |                  | ESI and EPF Registration.   | PDF               |
| 7.  |                  | FORM "F" (Duly filled with all required details)  | .PDF              |
| 8.  |                  | In case of Partnership firm if all the papers of tender not signed by all the partners than a power of attorney authorizing the person who has signed the tender paper must be uploaded with the tender documents.  | PDF               |
| 9.  |                  | Annexure-I (duly filled & signed by the bidders)  | PDF               |
| 10.   |                  | Annexure-II (duly filled & signed by the bidders)   | PDF               |
| 11.   |                  | Annexure-III (duly filled & signed by the bidders)  | PDF               |
| 12.   |                  | Any other documents specified in NIT  | PDF               |
| <b>Envelope – 2</b>                                     |                  |   |                   |
| <b>Sl. No.</b>  | <b>TYPES</b>     | <b>Content</b>  |                   |
| 1.  | Financial Bid    | Price bid should be submitted in BOQ format.  | .Xls              |

All above documents shall be as per Tender Notice.

## Schedule of Quantity

**Name of Work : Waterproofing at terrace & Replacing water tank and pipe of IIB type house, 25 G Street in IIT Delhi.**

**Sub Head:- Civil Works.**

| SLNo   | Description  | Qty  | Unit  | Rate | Amount |
|--------|--|------|-------|------|--------|
| 1      | Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design :   |      |       |      |        |
| 1.1    | In 75x75 mm deep chase   | 20   | metre |      |        |
| 2      | 12 mm cement plaster finished with a floating coat of neat cement of mix :   |      |       |      |        |
| 2.1    | 1:4 (1 cement: 4 fine sand)  | 30   | sqm   |      |        |
| 3      | Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.  | 44   | sqm   |      |        |
| 4      | Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content.  |      |       |      |        |
| 4.1    | With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre   | 44   | sqm   |      |        |
| 5      | Disconnecting damaged overhead/terrace PVC water storage tank of any size from water supply line and removing from the terrace including shifting at ground level as per direction of Engineer-in-charge.  | 1    | each  |      |        |
| 6      | Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.   |      |       |      |        |
| 6.1    | Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)   | 2    | cum   |      |        |
| 7      | Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.   | 1    | cum   |      |        |
| 8      | Demolishing mud phaska in terracing and disposal of material within 50 metres lead.  | 8    | CUM   |      |        |
| 9      | Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.               | 15   | cum   |      |        |
| 10     | Providing and fixing soil, waste and vent pipes :  |      |       |      |        |
| 10.1   | 100 mm dia   |      |       |      |        |
| 10.1.1 | Centrifugally cast (spun) iron socket & spigot (S&S) pipe as per IS: 3989  | 13.5 | metre |      |        |
| 11     | Providing and fixing M.S. holder-bat clamps of approved design to Sand Cast iron/cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size),including cost of cutting holes and making good the walls etc. : |      |       |      |        |
| 11.1   | For 100 mm dia pipe  | 12   | each  |      |        |
| 12     | Providing and fixing plain bend of required degree.  |      |       |      |        |



|        |  |      |           |  |  |
|--------|--|------|-----------|--|--|
| 12.1   | 100 mm dia   |      |           |  |  |
| 12.1.1 | Sand cast iron S&S as per IS : 3989  | 6    | each      |  |  |
| 13     | Providing and fixing terminal guard :  |      |           |  |  |
| 13.1   | 100 mm   |      |           |  |  |
| 13.1.1 | Sand cast iron S&S as per IS - 3989  | 3    | each      |  |  |
| 14     | Providing lead caulked joints to sand cast iron/centrifugally cast(spun) iron pipes and fittings of diameter :   |      |           |  |  |
| 14.1   | 100 mm   | 18   | each      |  |  |
| 15     | Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. Internal work - Exposed on wall   |      |           |  |  |
| 15.1   | 20 mm dia nominal bore   | 60   | metre     |  |  |
| 15.2   | 32 mm dia nominal bore   | 6    | metre     |  |  |
| 16     | Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall :  |      |           |  |  |
| 16.1   | 15 mm dia nominal bore   | 20   | metre     |  |  |
| 17     | Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work   |      |           |  |  |
| 17.1   | 25 mm dia nominal bore   | 30   | metre     |  |  |
| 18     | Making connection of G.I. distribution branch with G.I main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete:  |      |           |  |  |
| 18.1   | 25 to 40 mm nominal bore   | 2    | each      |  |  |
| 19     | Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :  |      |           |  |  |
| 19.1   | 20 mm nominal bore   | 2    | each      |  |  |
| 20     | Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :  |      |           |  |  |
| 20.1   | 20 mm nominal bore   | 4    | each      |  |  |
| 21     | Providing and fixing uplasticised PVC connection pipe with brass unions :  |      |           |  |  |
| 21.1   | 45 cm length   |      |           |  |  |
| 21.1.1 | 15 mm nominal bore   | 4    | each      |  |  |
| 22     | Painting G.I. pipes and fittings with synthetic enamel white paint with two coats over a ready mixed priming coat, both of approved quality for new work :   |      |           |  |  |
| 22.1   | 20 mm diameter pipe  | 15   | metre     |  |  |
| 23     | Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) :  |      |           |  |  |
| 23.1   | 15 mm nominal bore   | 4    | each      |  |  |
| 23.2   | 20 mm nominal bore   | 2    | each      |  |  |
| 23.3   | 25 mm nominal bore   | 2    | each      |  |  |
| 24     | Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank. | 4000 | per litre |  |  |

|        |  |   |      |  |  |
|--------|--|---|------|--|--|
| 25     | Cutting holes up to 30x30 cm in walls including making good the same:  |   |      |  |  |
| 25.1   | With common burnt clay F.P.S. (non modular) bricks   | 3 | each |  |  |
| 26     | Cutting holes up to 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including finishing complete so as to make it leak proof.   | 3 | each |  |  |
| 27     | Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design:  |   |      |  |  |
| 27.1   | 100x100 mm size P type   |   |      |  |  |
| 27.1.1 | With common burnt clay F.P.S. (non modular) bricks of class designation 7.5  | 2 | each |  |  |
| 28     | Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement and making necessary channels for the drain etc. complete :  |   |      |  |  |
| 28.1   | For pipes 100 to 250 mm diameter   | 2 | each |  |  |
| 29     | Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. (b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer- in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand ) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer- in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. (c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge. (d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. (e) The whole |   |      |  |  |

|      |   |        |       |  |  |
|------|---|--------|-------|--|--|
|      | terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test.“All above operations to be done in order and as directed and specified by the Engineer-in-Charge : |        |       |  |  |
| 29.1 | With average thickness of 120 mm and minimum thickness at khurra as 65 mm.  | 158.75 | sqm   |  |  |
|      | <b>(-ve) Less credit of dismantled item</b>   |        |       |  |  |
| 30   | Old & Dismantled G.I./ C.I. Pipe & Fittings etc.  | 116    | Meter |  |  |
| 31   | old PVC tanks of various capacity   | 4000   | Litre |  |  |
|      | <b>Total</b>  |        |       |  |  |

**Special Conditions:**

1. No labour huts shall be allowed in IIT Campus and nothing shall be paid extra on this account.
2. The contractor must visit the site of work /buildings before quoting the rates.
3. No labour to stay in IIT Campus nothing shall be paid extra on this account.
4. Site shall be available in parts or phases as per directions of Engineer in Charge and nothing extra on this account shall be paid to the Contractor.
5. Quoted rates of participating agencies shall be inclusive of GST.