



**NATIONAL INSTITUTE OF TECHNOLOGY, Tiruchirappalli 620 015**

**DEPARTMENT OF CIVIL ENGINEERING**

Web: [www.nitt.edu](http://www.nitt.edu)

Phone: 0431-2503168

### **e-Tender Notice**

**Ref: NITT/CE/ECC/KMK/AAIC/2026-01**

**Dated:09.02.2026**

Online tenders are hereby invited in **two cover system** from eligible interested contractors for **drilling and sampling sub-contract work for the AAI Coimbatore Geotechnical consultancy project for the Department of Civil Engineering, NIT Trichy.**

Contractors can download the complete set of bidding documents from the e-procurement Platform <http://eprocure.gov.in/eprocure/app> from **09.02.2026 (5.00 PM)** onwards. Contractors need to submit the bids online for the interested items by uploading all the required documents through <http://eprocure.gov.in/eprocure/app>.

**Last Date/ Time for receipt of bids through e-procurement is: 02.03.2026 (5.00 PM)**(Server time). Late bids shall not be accepted.

For further details regarding Tender Notification & Specifications, please visit the website:  
<http://eprocure.gov.in/eprocure/app> and [www.nitt.edu](http://www.nitt.edu)

### **CRITICAL DATE SHEET**

<b>Published Date</b>	<b>09.02.2026 (5.00 PM)</b>
<b>Bid Document Download Start Date</b>	<b>09.02.2026 (5.00 PM)</b>
<b>Clarification Start Date</b>	<b>Not Applicable</b>
<b>Clarification End Date</b>	<b>Not Applicable</b>
<b>Pre bid meeting</b>	<b>Not Applicable</b>
<b>Venue of Pre-bid Meeting</b>	<b>Not Applicable</b>
<b>Bid Submission Start Date</b>	<b>09.02.2026 (5.00 PM)</b>
<b>Bid Submission End Date</b>	<b>02.03.2026 (5.00 PM)</b>
<b>Bid Opening Date(Technical)</b>	<b>03.03.2026 (5.00 PM)</b>
<b>Bid Opening Date(Price)</b>	Will be announced after the technical evaluation

**This E-Tender is created and published as per the Recommendations and Approval of the respective Purchase Committee. For further queries / clarifications please contact the contact details available in Section III. BID Data Sheet (BDS).**



**NATIONAL INSTITUTE OF TECHNOLOGY, Tiruchirappalli 620 015**

**DEPARTMENT OF CIVIL ENGINEERING**

**Web: [www.nitt.edu](http://www.nitt.edu)**

**Phone: 0431-2503168**



## **Tender Document (e - Procurement)**

<b>Tender Notification No</b>	<b>:</b> NITT/CE/ECC/KMK/AAIC/2026-01
Date	<b>:</b> 09.02.2026
Name of the Department	<b>:</b> Department of Civil Engineering
Name of the work	<b>:</b> Drilling and sampling sub-contract work for the AAI Coimbatore Geotechnical consultancy project
<b>EMD Amount</b>	<b>:</b> <b>Rs.44,000/-</b>
Last Date & Time of submission of Tender	<b>:</b> 02.03.2026 (5.00 PM)
Address for submission of Tender	<b>:</b> <b>THE DIRECTOR,</b> NIT TIRUCHIRAPPALLI- 15 KIND ATTENTION TO: Dr.K.Muthukumaran, BIS Chair Professor, Department of Civil Engineering
Date & Time of opening of technical bid	<b>:</b> 03.03.2026 (5.00 PM)

### EARNEST MONEY DEPOSIT(EMD) DETAILS

1. Earnest Money Deposit (EMD) is to be submitted through SBI collect link as below. The bids submitted without EMD will be treated as non-responsive and will be rejected. EMD shall bear no interest.
2. Bidder must fill the EMD returning Form and submit in fee document.
3. EMD will be returned to the unsuccessful Bidder(s) as per the purchase norms.
4. The EMD shall be forfeited if any Bidder withdraws the offer before finalization of the tender.
5. **UDYAM & NSIC** registered Micro & small enterprises are exempted from paying EMD amount as per Govt. Norms (proof to be attached). **For availing EMD exemption, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. In respect of bid for Services, the bidder must be the Service provider of the offered services. Traders/Distributors/agents are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises.**

EMD amount	Rs.44,000/- ( <i>To be submitted through SBI Collect</i> )
SBI Collect Link mode (Payment Category- NITT Tender- Earnest Money Deposit).	<a href="https://www.onlinesbi.sbi/sbicollect/icollecthome.htm?corpID=1768557">https://www.onlinesbi.sbi/sbicollect/icollecthome.htm?corpID=1768557</a>
<b>The bidder must enclose SBI collect receipt failing which the bid shall be rejected without any further communication.</b>	

## **IMPORTANT INSTRUCTIONS TO THE PROSPECTIVE CONTRACTORS/VENDORS:**

Beware of fraudulent calls/messages from unauthorized person(s) demanding money in the form of EMD/ Security Deposit in order to influence the award of contract. NIT-Tiruchirappalli will not be responsible for the same.

For reporting of any such incidents, you may feel free to contact:  
Stores and Purchase Section

Email: stores@nitt.edu

Ex. No: +91-431-250-3963/3961/3956

**Detailed Circular is attached in the web link below:**

[https://www.nitt.edu/home/other/tenders/Instructions\\_to\\_Contractors.pdf](https://www.nitt.edu/home/other/tenders/Instructions_to_Contractors.pdf)

f

## Checklist for Bid / Tender Submission

(The following check-list must be filled in and submitted with the bid documents)

Sl.No.	Particulars	Yes / No
1.	Have you attached the techno commercial unpriced bid form duly filled in appropriately?	
2.	Have you attached a copy of the last three years audited balance sheet of your firm	
3.	Have you attached the copy of the GSTIN certificate	
4.	Have you attached the details of the income tax return certificate, proof of manufacturing unit/ dealership letter/ general order suppliers and copy of Central / State sales tax registration certificate?	
5.	Have you attached the copies of relevant work orders from Govt. Depts. / PSUs and Central Autonomous Bodies?	
6.	EMD: Have you submitted EMD asked for (as specified in BDS). <b>If the bidder requesting EMD exemption, kindly attached copy of the NSIC / MSE (Micro &amp; Small enterprises register in UDYAM Portal), Certificate should be visible, if not visible the bidder will be disqualified). Manufacturer for goods, service provider for Services are only eligible for EMD exemption (Micro and Small enterprises). Traders / Distributors / Sole Agents &amp; Medium Enterprises are excluded from EMD exemption.</b> Please refer MSME Rules regarding Exemption.	
7.	Have you submitted Minimum Local content Declaration form for <b>Make in India clause</b> ?	
8.	Have you submitted Land Border clause declaration and approval from DPIIT if applicable ?	
9.	Startup company exempted from Prior turnover & Prior Experience (Startup certificate registered with DIPP should be enclosed)	
10.	Have you uploaded filled in Technical forms in Excel sheet	
11.	Have you uploaded the PDF of filled in Technical form of Excel Sheet	
12.	Have you submitted samples of all items indicated in the respective schedule of requirements at the address of tender inviting authority within due date.(if applicable as mentioned in the specification and requirements)	

13.	Have you enclosed the schedule of requirement indicating the make offered without indicating the pricing components along with the techno commercial unpriced bid?	
14.	Have you submitted the bids both techno commercial unpriced and priced bid separately for each tender?	
15.	Have you enclosed the statement of deviations from financial terms and conditions, if any?	
<b>PRICE BID</b>		
1.	Have you signed and attached the priced bid form?	
2.	Have you attached the schedule of requirements duly priced?	

## Table of Contents

<b>Part 1</b>	<b>Bidding Procedures</b>
SECTION-I	Instructions for Online Bid Submission
SECTION-II	Instructions to Contractors
SECTION-III	Bid Data Sheet
SECTION-IV	Prequalification
SECTION-V	Institute against Corrupt and Fraudulent Practices
<b>Part 2</b>	<b>Supply Requirements</b>
SECTION-VI	Schedule of Requirements
	List of Goods and Delivery Schedule
	List of Related Services and Completion Schedule
	Technical Specifications
<b>Part 3</b>	<b>Contract</b>
SECTION-VII	General Conditions of Contract
SECTION-VIII	Special Conditions of Contract
<b>Part 4</b>	<b>Bidding Forms &amp; Contract Forms</b>
SECTION-IX	Bidding Forms
SECTION-X	Contract Forms
	Notice Inviting Tenders

## **Part - 1 Bidding Procedures**

## Section I: Instructions for Online Bid Submission

Instructions to the Contractors to submit the bids online through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app>.

1. Possession of valid Digital Signature Certificate (DSC) and enrollment / registration of the contractors / Contractors on the e-Procurement/e-tender portal are prerequisite for e-tendering.
2. Bidder should register for the enrollment in the e-Procurement site using the “Online Bidder Enrollment” option available on the home page. Portal enrollment is generally free of charge. During enrollment/registration, the Contractors should provide only valid and true information including valid E-mail id. All the correspondence shall be made directly with the contractors/Contractors through E-mail id as registered.
3. Bidder need to login to the site through their user ID / password chosen during enrollment / registration.
4. Then the Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by SIFY / TCS / nCode / eMudra or any other Certifying Authority recognized by Controller of Certifying Authorities (CCA) India on eToken / SmartCard, should be registered.
5. The registered DSC only should be used by the bidder in the transactions and should ensure safety of the same.
6. Contractor / Bidder may go through the tenders published on the site and download the tender documents/schedules for the tenders.
7. After downloading / getting the tender document/schedules, the Bidder should go through them carefully and then submit the documents as required, otherwise bid will be rejected.
8. Any clarifications may be sought online through the tender site, through the contact details or during pre-bid meeting if any. Bidder should take into account the corrigendum if any published before submitting the bidsonline.
9. Bidder may log in to the site through the secured login by the user id / password chosen during enrolment / registration and then by submitting the password of the e-Token / Smartcard to access DSC.
10. Bidder may select the tender in which he / she is interested in by using the search option and then move it to the ‘my tenders’ folder.
11. From my tender folder, he / she may select the tender to view all the details uploaded there.
12. It shall be deemed that the bidder has read and understood all the terms and conditions before submitting the offer. Bidder should go through the tender schedules carefully and upload the documents as asked ; otherwise, the incomplete bid shall stand rejected.
13. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and ordinarily it shall be in PDF / xls / rar / jpg / dwf formats. If there is more than one document, all may be clubbed together and provided in the requested format. Contractors Bid documents may be scanned with 100 dpi with black and white option. It is advisable that each document to be uploaded through online for the tenders should be less than 2 MB. If any document is more than 2MB, it can be reduced through zip / rar and the same if permitted may be uploaded. The file size being less than 1 MB the transaction uploading time will be very fast.
14. The Contractors can update well in advance, the documents such as certificates, annual

report details etc., under “My Space option” and these can be selected as per tender requirements and then send along with bid documents during bid submission. This will facilitate the bid submission process faster by reducing upload time of bids.

15. Bidder should submit the Tender Fee / EMD as specified in the tender. The hard copy should be posted / couriered / given in person to the Tender Inviting Authority, within bid submission due date and time as indicated in the tender. Scanned copy of the instrument should be uploaded as part of the offer.
16. The bidder has to select the payment option as offline to pay the Tender FEE / EMD as applicable and enter details of the instruments.
17. The details of the DD / any other accepted instrument, physically delivered, should tally with the details available in the scanned copy and the data entered during bid submission time, otherwise submitted bid shall not be acceptable or liable for rejection.
18. While submitting the bids online, the bidder shall read the terms and conditions and may accept the same to proceed further to submit the bid packets.
19. The bidder has to digitally sign and upload the required bid documents one by one as indicated. Very act of using DSC for downloading the bids and uploading their offers shall be deemed to be a confirmation that they have read, understood and agreed with all clauses of the bid document including General conditions of contract without any exception.
20. The bidder has to upload the relevant files required as indicated in the cover content. In case of any irrelevant files, the bid may be rejected.

#### **PRICE BID**

21. If the price bid format is provided in a spread sheet file like BoQ\_xxxxx.xls, the rates offered should be entered in the allotted space only and uploaded after filling the relevant columns. The Priced-bid / BOQ template shall not be modified / replaced by the bidder ; else the bid submitted is liable to be rejected for the tender.
22. The Contractors are advised to submit the bids through online e-tendering system to the Tender Inviting Authority (TIA) well before the bid submission due date and time (as per Server System Clock). The TIA shall not be held responsible for any delay or the difficulties faced during the submission of bids online by the Contractors.
23. The time settings fixed in the server side and displayed at the top of the tender site, shall remain valid for all actions of requesting, bid submission, bid opening etc., in the e-Tender system. The Contractors should follow such time during bid submission.

#### **EVIDENCE FOR ONLINE BID SUBMISSION**

24. After the bid submission (i.e. after Clicking “Freeze Bid Submission” in the portal), the acknowledgement number indicated by the system should be printed by the bidder and kept as a record of evidence for online submission of bid for the particular tender and also be used as entry pass to participate in the bid opening.
25. All the data being entered by the Contractors would be encrypted using Public Key Infrastructure (PKI) encryption techniques to ensure the secrecy of the data. The data entered is not retrievable by unauthorized persons during the bid submission and until the time of bid opening by any person.
26. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers’ public keys. Overall, the uploaded tender

documents become readable only after the tender opening by the unauthorized bid openers.

27. The confidentiality of the bids is maintained with the use of Secured Socket Layer (SSL) 128 bit encryption technology. Data storage encryption of sensitive fields is done.
28. The bidder should logout of the tendering system using the normal logout option available at the top right hand corner and not by selecting the (X) exit option in the browser.
29. For any queries regarding e-Tendering process, the Contractors may contact at address as provided in the tender document. Parallelly for any further queries, the Contractors are advised to contact over phone : **1-800-233-7315, 0120-4001005** or send an E-mail to [cppp-nic@nic.in](mailto:cppp-nic@nic.in).

\*\*\*\*\*

## Section II : Instructions to Contractors

### Table of Clauses

A	<b>General</b>
1.	Scope of Bid
2.	Eligible Contractors
<b>Contents of Bidding Document</b>	
3.	Sections of Bidding Document
4.	Clarification of Bidding Documents, Site Visit, Pre-Bid Meeting
5.	Amendment of Bidding Document
<b>Preparation of Bids</b>	
6.	Language of Bid
7.	Documents Comprising the Bid
8.	Tender Forms (Technical and Price) and Price Schedule (BOQ)
9.	Alternative Bids
10.	Bid Prices and Discounts
11.	Currencies of Bid and Payment
12.	Documents Establishing the Eligibility and Qualifications of the Bidder
13.	Period of Validity of Bids
14.	Bid Security
<b>Submission and Opening of Bids</b>	
15.	Sealing and Marking of Bids
16.	Deadline for Submission of Bids
17.	Late Bids
18.	Withdrawal, Substitution, and Modification of Bids
19.	Bid Opening
<b>Evaluation and Comparison of Bids</b>	
20.	Confidentiality
21.	Clarification of Bids
22.	Determination of Responsiveness
23.	Conversion to Single Currency
24.	Margin of Preference
25.	Evaluation of Bids
26.	Comparison of Bids
27.	Qualification of the Bidder
28.	Client's Right to Accept Any Bid, and to Reject Any or All Bids
<b>Award of Contract</b>	
29.	Award Criteria
30.	Client's Right to Vary Quantities at Time of Award
31.	Notification of Award
32.	Signing of Contract
33.	Performance Security

## Section II. Instructions to Contractors

<b>A.General</b>		
<b>1</b>	<b>SCOPE OF BID</b>	
	<p>Drilling and sampling sub-contract work for the AAI Coimbatore Geotechnical consultancy project as per Spécifications. Throughout these Bidding Documents unless the context otherwise requires:</p> <ol style="list-style-type: none"> <li>a. ‘In writing’ means communicated in written form (e.g. by mail, e-mail, fax, telex) with proof of receipt;</li> <li>b. “Institution means National Institute of Technology, Tiruchirappalli’</li> </ol>	
<b>2</b>	<b>ELIGIBLE CONTRACTORS</b>	
	<p>2.1 A Bidder may be a firm, a company, a Limited Liability Partnership (LLP), a government-owned entity, or any combination of such entities in the form of a Joint Venture (JV) under an existing agreement.</p>	
	<p>2.2 In the case of a joint venture, all members shall be jointly and severally liable for the execution of the contract in accordance with the Contract terms. The JV shall nominate a representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the bidding process and during the contract execution in the event the JV is awarded the contract.</p>	
	<p>2.3 A Bidder shall not have a conflict of interest. Any Bidder found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest for the purpose of this bidding process, if the Bidder :</p> <ul style="list-style-type: none"> <li>a Directly or indirectly controls, is controlled by or is under common control with another Bidder; or</li> <li>b Receives or has received any direct or indirect subsidy from another Bidder; or</li> <li>c Has the same legal representative as another Bidder; or</li> <li>d Has a relationship with another Bidder, directly or through common third parties, that puts it in a position to influence the bid of another Bidder, or influence the decisions of the Client regarding this bidding process; or</li> <li>e Participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid shall result in the disqualification of all Bids in which such Bidder is involved. This, however does not limit the inclusion of the same subcontractor in more than one bid; or</li> <li>f Has a close business or family relationship with a professional staff of the Client (or of the project implementing agency, or of a recipient of a part of the loan) who: <ul style="list-style-type: none"> <li>(i) are directly or indirectly involved in the preparation of the bidding documents or specifications of the contract, and/or the bid evaluation process of such contract; or</li> <li>(ii) Would be involved in the implementation or supervision of such contract.</li> </ul> </li> </ul>	
	<p>2.4 A foreign firm and individual may be ineligible if as a matter of law or regulations, India prohibits commercial relations with the country of bidder.</p>	
	<p>2.5 A Bidder shall provide such evidence of eligibility satisfactory to the Client, as the Client shall reasonably request.</p>	
<b>3</b>	<b>CONTENTS OF BIDDING DOCUMENT</b>	
	<p>3.1 The Bidding Documents consist of Parts 1, 2, 3 and 4, which include all the Sections indicated below, and should be read in conjunction with any Addenda if any, issued.</p>	
	<p>3.2 The Invitation for Bids issued by the Client is not part of the Bidding Document.</p>	

	3.3	Unless obtained directly from the Client, the Client is not responsible for the completeness of the document, responses to requests for clarification, the Minutes of the pre- Bid meeting (if any), or Addenda to the Bidding Document. In case of any contradiction, documents obtained directly from the Client shall prevail.
	3.4	The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents and to furnish with its Bid all information or documentation as required by the Bidding Documents.
<b>4</b>	<b>CLARIFICATION OF BIDDING DOCUMENTS, SITE VISIT, PRE-BID MEETING</b>	
	4.1	A Bidder requiring any clarification of the Bidding Document shall contact the Client in writing at the Client's address specified in the BDS or raise its enquiries during the pre-bid meeting if provided. The Client will respond in writing to any request for clarification, provided that such request is received prior to the deadline for submission of bids within a period specified in the BDS.
	4.2	The Bidder is advised to visit and examine the project site and obtain for itself on its own responsibility all information that may be necessary for preparing the bid and entering into a contract for execution of work. The costs of visiting shall be at the Bidder's own expense
	4.3	The Bidder's designated representative is invited to attend a pre-bid meeting (if applicable). The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage.
	4.4	The Bidder is advised to submit any questions in writing to reach the Client not beyond one week preceding the meeting.
	4.5	Minutes of the pre-bid meeting, if applicable, including the text of the questions asked by Contractors, without identifying the source, and the responses given, together with any responses prepared after the meeting, will be transmitted promptly to all Contractors who have acquired the Bidding Documents. Any modification to the Bidding Documents that may become necessary as a result of the pre-bid meeting shall be made by the Client exclusively through the issue of an addendum and not through the minutes of the pre-bid meeting. Absence in the pre-bid meeting shall not be a cause for disqualification of a Bidder.
<b>5</b>	<b>Amendment of Bidding Document</b>	
	5.1	At any time prior to the deadline for submission of bids, the Client may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bidding documents by corrigendum. In case of e-procurement, corrigendum / amendment shall be published on <a href="http://eprocure.gov.in/eprocure/app">http://eprocure.gov.in/eprocure/app</a> .
	5.2	Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Documents from the Client. The Client shall also promptly publish the addendum on the Client's webpage.
	5.3	The Client may, at its discretion to give prospective Contractors reasonable time in which to take an addendum into account in preparing their bids, extend the deadline for the submission of bids.
<b>C.PREPARATION OF BIDS</b>		
<b>6</b>	<b>LANGUAGE OF BID :</b>	
	The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Client, shall be written in the language specified in the BDS. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language specified in the BDS, in which case, for purposes of interpretation of the Bid, such translation shall govern.	
<b>7</b>	<b>Documents Comprising the Bid</b>	

	The tender/Bid shall be submitted online in two part, viz.,Technical Bid and Commercial Bid.	
	7.1	<p><b>TECHNICAL BID</b></p> <p>The following documents are to be scanned and uploaded as part of the Technical Bid as per the tender document:</p> <ul style="list-style-type: none"> <li>a Scanned copy of Tender Forms (Techno Commercial Un-Priced Bid) and Tender Acceptance Letter,);</li> <li>b Scanned copy of the completed Schedules</li> <li>c Scanned copy of Bid Security or copy of proof for submission of Tender Document Fee/ Earnest Money Deposit etc.;</li> <li>d Scanned copy of written confirmation authorizing the signatory of the Bid to commit the Bidder;</li> <li>e Scanned copy of documentary evidence establishing the Bidder's qualifications to perform the contract if its bid is accepted and the Bidder's eligibility to bid;</li> <li>f Scanned copy of <ul style="list-style-type: none"> <li>i. documentary evidence, that the Work/Services to be executed by the Bidder are of eligible origin and</li> <li>ii. conform to the Bidding Documents, and</li> <li>iii. any other document required in the BDS;</li> </ul> </li> <li>g Scanned copy of Pre-Qualification Details as per Section-IV like PAN/GST etc.</li> <li>h EMD Returning Form.</li> <li>i Mandate Form For Electronic Fund Transfer/RTGS Transfer.</li> <li>j Technical Bid. The Technical specifications format is available in an Excel sheet <b>TECHNICAL.xls</b> in this E-Tender document at <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a>. Contractors are advised to download <b>TECHNICAL.xls</b> and fill in their specifications in the prescribed column and upload the same in the Technical bid along with other required documents. The hard copy of the filled-in Technical specifications (Excel) is to be scanned and uploaded as a PDF.</li> </ul>
	7.2	<p><b>COMMERCIAL BID</b></p> <p>The commercial bid comprises of:</p> <ul style="list-style-type: none"> <li>i. Scanned copy of Tender Form (Price Bid)</li> <li>ii. Price BID in the form of BoQ_XXXXX.xls.</li> <li>iii. Scanned copy of item wise break up of price bid.</li> </ul> <p>The Price bid format is provided a BoQ_XXXXX.xls along with this Tender Document at <a href="http://eprocure.gov.in/eprocure/app">http://eprocure.gov.in/eprocure/app</a>. Contractors are advised to download this BoQ_ XXXXX.xls and quote their offer/rates in the prescribed column. Contractors can quote Basic Price in INR or CURRENCY (for other than INR) but it is mandatory to quote taxes/levies in INR only, in the prescribed column and upload the same in the commercial bid.</p>
	7.3	The Bidder shall furnish in the Tender Forms information on commissions and gratuities, if any, paid or to be paid to agents or any other party relating to this Bid.
8		<p><b>Tender Forms (Technical and Price) and Price Schedule(BOQ)</b></p> <p>Tender Forms and Price Schedules (Bill of Quantity-BOQ) shall be prepared using the relevant forms furnished in Section IX, Bidding Forms and BOQ provided. The forms must be completed without any alterations to the text, and no substitutes shall be accepted. All blank spaces shall be filled in with the information requested.</p>
9		<b>Alternative Bids</b>

		Unless otherwise specified in the BDS, alternative bids shall not be considered
<b>10</b>	<b>10.1</b>	<p><b>Bid Prices and Discounts</b></p> <p>The prices and discounts quoted by the Bidder in the Tender Forms and in the Price Schedules (BOQ) shall conform to the requirements specified as under.</p>
	a	All lots (contracts) and items must be listed and priced separately in the Price Schedules (BOQ).
	b	The price to be quoted in the Tender Forms shall be the total price of the bid, excluding any discounts offered.
	c	The Bidder shall quote any discount and indicate the methodology for their application in the Tender Forms.
	d	Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise specified in the BDS. A bid submitted with an adjustable price quotation shall be treated as non-responsive and shall be rejected. However, if in accordance with the BDS, prices quoted by the Bidder shall be subject to adjustment during the performance of the Contract, a bid submitted with a fixed price quotation shall not be rejected, but the price adjustment shall be treated as zero.
	<b>10.2</b>	Bids are being invited for individual lots (contracts) or for any combination of lots (packages). Unless otherwise specified in the BDS, prices quoted shall correspond to 100% of the items specified for each lot and to 100% of the quantities specified for each item of a lot. Contractors wishing to offer discounts for the award of more than one Contract shall specify in their bid the price reductions applicable to each package, or alternatively, to individual Contracts within the package. Discounts shall be submitted, provided the bids for all lots (contracts) are opened at the same time.
	<b>10.3</b>	Prices shall be quoted as specified in each Price Schedule (BOQ) as provided. The disaggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Client. This shall not in any way limit the Client's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible country. Prices shall be entered in the following manner:
	a	<p>For Goods manufactured in India:</p> <ol style="list-style-type: none"> <li>1. GST payable on the Goods, if the contract is awarded to the Bidder ; and</li> <li>2. The price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination (Project Site) specified in the BDS ;</li> </ol>
	b	<p>For Goods manufactured outside India, to be imported</p> <ol style="list-style-type: none"> <li>1. The price of the Goods quoted under Carriage and Insurance Paid (CIP) Model up to named place of destination in India as specified in the BDS ;</li> <li>2. The price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination (Project Site) specified in the BDS;</li> </ol>
	c	<p>For Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements:</p> <ol style="list-style-type: none"> <li>1. The price of each item comprising the Related Services (inclusive of any applicable taxes)</li> </ol>
<b>11</b>		<b>Currencies of Bid and Payment:</b>

		The currency(ies) of the bid and the currency(ies) of payments shall be as specified in the BDS. The Bidder shall quote in Indian Rupees.
12	12.1	<p><b>Documents Establishing the Eligibility and Qualifications of the Bidder</b></p> <p>To establish Bidder's their eligibility, Contractors shall complete the Tender Form (Techno Commercial Un-Priced Bid &amp; Priced Bid), included in Section-IX, Bidding Forms.</p>
13	13.1	<p><b>Period of Validity of Bids</b></p> <p>Bids shall remain valid for the period specified in the BDS after the bid submission deadline date prescribed by the Client. A bid valid for a shorter period shall be rejected by the Client as non -responsive.</p>
	13.2	In exceptional circumstances, the Client may solicit the Bidder's consent to an extension of the period of validity. The request and the responses there to shall be made in writing. A Bidder may refuse the request without forfeiting its Earnest Money Deposit (EMD). A Bidder acceding to the request will neither be required nor permitted to modify the bid.
14	14.1	<p><b>Bid Security</b></p> <p>If necessary, the Bidder shall furnish as part of its bid, a bid security, as specified in the BDS, in original form the amount and currency as specified in the BDS.</p>
	14.2	If a bid security is specified , the bid security shall be a
	a	Demand Draft
	b	An unconditional guarantee issued by a Bank. of a reputed source from an eligible country. If the unconditional guarantee is issued by a financial institution located outside India, the issuing financial institution shall have a correspondent financial institution located in India to make it enforceable. The bid security shall be valid for forty five (45) days beyond the original validity period of the bid, or beyond the extended period.
	14.3	If a Bid Security is specified, any bid not accompanied responsive Bid Security, shall be rejected by the Client as non-responsive.
	14.4	The successful Bidder shall be returned as promptly as possible once the successful Bidder has signed the contract and furnished the required performance security.
	14.5	The Bid Security of the successful Bidder shall be returned as promptly as possible once the successful Bidder has signed the contract and furnished the required performance security.
	14.6	The Bid Security of the bidder may be forfeited or the Bid Securing Declaration executed:
	a	If he withdraws from the bid during the period of bid validity specified by the Bidder on the Tender Forms, or any extension thereto provided by the Bidder, or
	b	If he, being a successful Bidder, fails to: <ol style="list-style-type: none"> <li>sign the Contract; or</li> <li>furnish a performance Security</li> </ol>
	<b>D.SUBMISSION AND OPENING OF BIDS</b>	
15		<p><b>Sealing and Marking of Bids:</b> The Bidder shall submit the bids electronically, through the e-procurement system (<a href="http://eprocure.gov.in/eprocure/app">http://eprocure.gov.in/eprocure/app</a>). Any document submitted through any other means will not be considered as part of the Bid except for the Originals as asked for in this tender.</p>
16		<p><b>Deadline for Submission of Bids:</b> The Client may, at its discretion, extend the deadline for the submission of bids by amending the Bidding Documents, in which case all rights and obligations of the Client and Contractors previously subject to the deadline shall thereafter be subject to the deadline as extended.</p>

17		<b>Late Bids:</b> The e-Procurement system would not allow any late submission of bids after due date and time as per server system. After electronic online proposal submission, the system generates a unique identification number which is time stamped. This shall be treated as acknowledgement of the proposal submission
18		<b>Withdrawal, Substitution, and Modification of Bids:</b> A Bidder may withdraw, substitute, or modify its bid on the e-procurement system before the date and time specified but not beyond. No bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Tender Forms or any extension thereof Modification/Withdrawal of the Bid sent through any other means shall not be considered by the Client.
19	19.1	<b>Bid Opening:</b> The Client shall open the bids as per electronic bid Opening procedures specified in Central Public Procurement Portal (CPPP) at the date and time specified. Contractors can also view the bid opening by logging on to the e- procurement system. Specific bid opening procedures are laid down at <a href="http://eprocure.gov.in/eprocure/app">http://eprocure.gov.in/eprocure/app</a> under the head “Contractors Manual Kit”. The tenderer/bidder will be at liberty to be present either in person or through an authorized representative at the time of opening of the Bid or they can view the bid opening event online at their remote end. Price Bids of only those tenderers shall be opened whose technical bids qualify.
	19.2	The withdrawn bid will be available in the system therefore will be considered, if bidder once withdraws the bid then he will not be able to participate in the respective tender again. Modification to the bid shall be opened and read out with the corresponding bid. Only bids that are opened and read out at bid opening shall be considered further.
	19.3	The Client shall prepare a record of the bid opening that shall include; the name of the Bidder; whether there is a withdrawal, substitution, or modification; the Bid Price including any discounts and alternative bids; and the presence or absence of a bid security, if one was required. The Contractors’ representatives who are present in the office of the Client to witness the bid opening shall be requested to sign the record. The omission/refusal of a Bidder’s signature on the record shall not invalidate the contents and effect of the record. A copy of the record shall be made available on the e-procurement system.
		<b>E. Evaluation and Comparison of Bids</b>
20	20.1	<b>Confidentiality:</b> Information relating to the evaluation of bids and recommendation of contract award shall not be disclosed to Contractors or any other persons not officially concerned with the bidding process until information on Contract Award is communication to all Contractors.
	20.2	No Bidder shall contact the Client on any matter relating to its bid from the time of the bid opening to the time the contract is awarded. If the Bidder wishes to bring additional information to the notice of the Client it should be done in writing.
	20.3	Any effort by a Bidder to influence the Client in its decisions on bid evaluation, bid comparison or contract award decisions may result in rejection of the Bidder’s bid.
21	21.1	To assist in the examination, evaluation, comparison of the bids, and qualification of the Contractors, the Client may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Client shall not be considered. The Client’s request for clarification and the response shall be in writing. No change, including any voluntary increase or decrease, in the prices or substance of the Bid

		shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Client in the Evaluation of the bids.
	21.2	If a Bidder does not provide clarifications of its bid by the date and time set in the Client's request for clarification its bid may be rejected.
<b>22</b>	<b>22.1</b>	<b>Determination of Responsiveness:</b> The Client's determination of a bid's responsiveness is to be based on the contents of the bid itself.
	22.2	A substantially responsive Bid is one that meets the requirements of the Bidding Documents without material deviation, reservation, or omission.
	22.3	The Client shall examine the technical aspects of the bid submitted in accordance with instructions specified in the tender document, in particular, to confirm that all requirements enumerated in the 'Schedule of Requirements' Section-VI have been complied with, without any material deviation or reservation or omission.
	22.4	If a bid is not responsive to the requirements of the Bidding Documents, it shall be rejected by the Client and may not subsequently be made responsive by correction of the material deviation, reservation or omission.
<b>23</b>		<b>Conversion to Single Currency:</b> For evaluation and comparison purposes, the currency(ies) of the Bid shall be converted in a single currency as specified in the BDS.
<b>24</b>		<b>Margin of Preference:</b> Unless otherwise specified in the BDS, a margin of preference shall not apply.
<b>25</b>	25.1	<b>Evaluation of Bids:</b> The Client shall use the criteria and methodologies listed in this Clause. No other evaluation criteria or methodologies shall be permitted.
	25.2	To evaluate a Bid, the Client shall consider the following:
	a	Evaluation will be done for Items or Lots (contracts), as specified in the BDS; and the Bid Price.
	b	price adjustment due to discounts offered;
	c	converting the amount resulting from above, if relevant, to a single currency
	d	price adjustment due to quantifiable non-material nonconformities in;
	25.3	The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be taken into account in bid evaluation.
	25.4	The Client's evaluation of a bid shall exclude and not take into account any allowance for price adjustment during the period of execution of the contract, if provided in the bid.
	25.5	The Client's evaluation of a bid may require the consideration of other factors, in addition to the Bid Price quoted. These factors may be related to the characteristics, performance, and terms and conditions of execution of the Works and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids.
<b>26</b>		<b>Comparison of Bids:</b> The Client shall compare the evaluated prices of all substantially responsive bids established to determine the lowest evaluated bid. The comparison shall be on the basis of prices for the each item of work including the necessary taxes.
<b>27</b>	27.1	<b>Qualification of the Bidder:</b> The Client shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid meets the qualifying criteria.
	27.2	The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder.

	27.3	An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Client shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's qualifications to perform satisfactorily.
28		<p><b>Institutes Right to Accept any Bid and to Reject any or all bids:</b></p> <p>The Institute reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Contractors. In case of annulment, all bids submitted and specifically, bid securities, shall be promptly returned to the Contractors.</p>
<b>F.AWARD OF CONTRACT</b>		
29		<p><b>Award Criteria:</b></p> <p>The Client shall award the Contract to the Bidder whose bid has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided the Bidder is determined to be qualified to perform the Contract satisfactorily.</p>
30		<p><b>Clients Right to vary Quantities at Time of Award:</b></p> <p>At the time the Contract is awarded, the Client reserves the right to increase or decrease the quantity of Works and Related Services originally specified in Section VI, Schedule of Requirements, provided this does not exceed the percentages specified in the BDS, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.</p>
31	31.1	<p><b>Notification of Award:</b></p> <p>Prior to the expiration of the period of bid validity, the Client shall, notify the successful Bidder, in writing, that its Bid has been accepted. The notification letter (hereinafter and in the Conditions of Contract and Contract Forms called the "Letter of Acceptance") shall specify the sum that the Client will pay the Contractor in consideration of the execution of Works (hereinafter and in the Conditions of Contract and Contract Forms called "the Contract Price"). At the same time, the Client shall also notify all other Contractors of the results of the bidding.</p>
	31.2	Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract.
	31.3	The Client shall promptly respond in writing to any unsuccessful Bidder who, after notification of award, requests in writing the grounds on which its bid was not selected.
32	32.1	<p><b>Signing of Contract:</b></p> <p>Promptly after notification, the Client shall send the successful Bidder the Contract Agreement.</p>
	32.2	Within twenty-eight (28) days of receipt of the Contract Agreement, the successful Bidder shall sign, date, and return it to the Client.
33	33.1	<p><b>Performance Security:</b></p> <p>Within twenty-eight (28) days of the receipt of notification of award from the Client, the successful Bidder, if required, shall furnish the Performance Security in accordance with the General Conditions of Contract (GCC), using for that purpose the Performance Security Form included in Section-X, Contract Forms, or another Form acceptable to the Client. If the Performance Security furnished by the successful Bidder is in the form of a bond, it shall be issued by a bonding or insurance company that has been determined by the successful Bidder to be acceptable to the Client. A foreign institution providing a bond shall have a correspondent financial institution located in India.</p>

	33.2	Failure of the successful Bidder to submit the above- mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Client may award the Contract to the next lowest evaluated Bidder, whose bid is substantially responsive and is determined by the Client to be qualified to perform the Contract satisfactorily.
--	------	---

NIT, Tiruchirappalli

### Section III. BID Data Sheet (BDS)

The following specific data for the works to be executed shall complement, supplement, or amend the provisions in the Instructions to Contractors (ITB). In case of inconsistency, the provisions herein shall prevail over those in ITB.

<b>Sl. No.</b>	<b>A. General</b>
1.	The reference number of the Invitation for Bids is <b>NITT/CE/ECC/KMK/AAIC/2026-01 Dated:09.02.2026</b>
2.	The Client is <b>The Director, NIT Tiruchirappalli. Kind Attention</b> <b>To: Dr. K. Muthukumaran, BIS Chair Professor, Department of Civil Engineering</b>

<b>Sl. No.</b>	<b>B. Contents of Bidding Documents</b>	
3.	For Clarification of bid purposes only, the Client's address is <b>Department of Civil Engineering, National Institute of Technology, Tiruchirappalli, 620015</b>	
	Attention : <b>Dr. K. Muthukumaran</b>	
	<b>BIS Chair Professor, Department of Civil Engineering</b>	
	Address : <b>National Institute of Technology, Tiruchirappalli,</b>	
	Floor / Room number : -	
	City : <b>Tiruchirappalli</b>	
	ZIPCode : <b>620015</b>	
	Country : <b>India</b>	
	Telephone : <b>+91 431 2503168</b>	
	E-Mail : <b>kmk@nitt.edu</b>	
4.	Web page	: <a href="http://eprocure.gov.in/eprocure/app">http://eprocure.gov.in/eprocure/app</a>
5.	A site visit shall <b>not</b> be organized by the Client.	
6.	A Pre-Bid meeting date and venue	: <b>Not Applicable</b>

Sl. No.	C. Preparation of Bids
1.	<p>The language of the bid is <b>English</b>.  All correspondence shall be in <b>English</b>.  Language for translation of supporting documents and printed literature is <b>English</b>.</p>
2.	The Bidder shall submit the following additional documents in its bid: <b>NA</b>
3.	Alternative Bids <b>shall not</b> be considered.
4.	The prices quoted by the Bidder <b>shall not</b> be subject to adjustment during the performance of the Contract.
5.	Place of Work: is <b>Coimbatore International Airport, Coimbatore</b> .
6.	Final destination (Sample submission):Department of Civil Engineering, <b>National Institute of Technology, Tiruchirappalli, 620015</b> .
7.	<p>The prices shall be quoted by the bidder in : <b>Indian Rupee / Foreign Currency of Principal's Country (Preferably in Indian Rupees)</b>  The Bidder is required to quote in Indian Rupees (INR), the portion of the bid price that corresponds to expenditures incurred in Indian Rupees(INR).</p>
8.	Manufacturer's authorization is required.
9.	After sales, service is required.
10.	The bid validity period shall be <b>120 days</b>
11.	EMD/Bid security <b>Rs.44,000/-</b> shall be paid in the form of SBI collect/Exemption Certificate (MSME/NSIC) and should be valid for a period of 45 days beyond the bid validity period. All tenders received without EMD/Bank Security shall be rejected.
12.	Other types of acceptable securities: <b>NA</b>

Sl. No.	D. Submission and Opening of Bids
1.	<p>For bid submission purposes only, the address is <b>DEPARTMENT OF CIVIL ENGINEERING, National Institute of Technology, Tiruchirappalli, 620015.</b></p> <p>Attention : <b>Dr. K. Muthukumaran/ Professor (Civil)</b>      StreetAddress : <b>National Institute of Technology, Tiruchirappalli,</b>      City : <b>Tiruchirappalli</b>      ZIP/PostalCode : <b>620 015</b>      Country : <b>India</b></p> <p>The deadline for bid submission is :</p> <p>Date and Time : <b>02.03.2026 (5.00 PM)</b></p> <p>The electronic bidding opening procedures shall be as given in Section I-Instructions for Online Bid Submission.</p>
2.	<p>The bid opening shall take place at : <b>DEPARTMENT OF CIVIL ENGINEERING, National Institute of Technology, Tiruchirappalli-620015.</b></p> <p>StreetAddress : <b>National Institute of Technology, Tiruchirappalli</b>      Floor / Roomnumber : <b>Administrative Block</b>      City : <b>Tiruchirappalli</b>      Country : <b>India</b></p> <p>Date and Time : <b>03.03.2026 (5.00 PM)</b></p> <p>The electronic bidding opening procedures shall be as given in Section I - Instructions for Online Bid Submission.</p>

Sl. No.	<b>E. Evaluation and Comparison of Bids</b>
1.	<p>The currency that shall be used for bid evaluation and comparison purposes to convert all bid prices expressed in various currencies into a single currency is: <b>Indian Rupees</b></p> <p>The source of the exchange rate shall be: <b>Reserve Bank of India</b>.</p> <p>The date for the exchange rate shall be: <b>the last day for submission of Bids</b>.</p>
2.	A margin of domestic preference shall apply.
3.	<p>Evaluation will be done for concern Work.</p> <p><i>Note: Bids will be evaluated for each item, and the Contract will comprise the item(s) awarded to the successful Bidder.</i></p>

Sl. No.	<b>F. Award of Contract</b>
4.	<p>The maximum percentage by which quantities may be increased is:NA</p> <p>The maximum percentage by which quantities may be decreased is: NA</p>

## **Section IV. Prequalification**

1. A Declaration by the firm that it has never been black-listed must be attached along with the Bid, failing which the Bid shall be rejected.
2. Profile of each Bidder and past experience in supply and installation of the material (certificates to be enclosed), proof of manufacturing Unit/Dealership letter and general order supplier. Manufacturer's authorization certificate as prescribed in Section IX in case bidder is not manufacturer.
3. List of other Govt. Departments, Public Sector units and Central AutonomousBodies for which the bidder is supplying material or having the similar type of contracts and a certificate regarding the satisfactory performance of the contract.
  4. True copy of Permanent AccountNumber.
  5. Copy of the last three years audited balance sheet of your firm
6. Details of Goods and Service Tax (GSTIN) along with a copy of certificate to be attached.
7. Submission of samples if required, for all items indicated in the schedule of requirements. The make of items proposed to be supplied should be indicated in the format of the schedule of requirements and submitted along with the techno commercial unpriced bid without indicating the pricingcomponents.
8. Willingness to execute all orders which are placed to meet emergency requirement on priority basis. The Bidder shall note that standards for workmanship, material and equipment, and references to brand names designated by the Purchaser in the schedule of requirements are intended to be descriptive only and not restrictive. The Bidder may substitute alternative standards, brand names and/or catalogue numbers in his bid, provided that it demonstrates to the Purchaser's satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.

## Section V. Institute against the Corrupt and Fraudulent Practices

Institute strictly adheres to its policy against corruption and requires that Contractors and their agents, subagents, sub-contractors, Contractors etc., shall not indulge in any kind of corrupt practices, fraudulent practices, collusive practices, coercive practices, obstructive practices or other kinds of corruption declared as crimes under Indian law.

- a) If the bidder or their agents, subagents, sub-contractors, Contractors etc., are found, directly or indirectly, involved in such practices, bid or agreement and execution thereof at any stage may be rejected or cancelled as the case may be by the Institute and besides it Institute may initiate legal actions, including civil and criminal proceedings.

For the purpose of this provision, the terms are defined as follows :

- (i) “Corrupt practice” is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;<sup>1</sup>
- (ii) “Fraudulent Practices” is any act or omission, including a misrepresentation which knowingly or recklessly is made to mislead another party to obtain financial or other benefit or to avoid an obligation;<sup>2</sup>
- (iii) “Collusive Practice” is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party ;<sup>3</sup>
- (iv) “Coercive Practice” is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;<sup>4</sup>
- (v) “Obstructive Practice” is deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or Intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation.

- b) Besides actions under clause (a) Institute may also take action to blacklist such a bidder either indefinitely or for a specified period.

---

<sup>1</sup> For the purpose of this sub-paragraph, “*another party*” refers to a public official acting in relation to the procurement process or contract execution. In this context, “*public official*” includes Institute staff and employees of other organisations taking or reviewing procurement decisions.

<sup>2</sup> For the purpose of this sub-paragraph, “*party*” refers to a public official; the terms “*benefit*” and “*obligation*” relate to the procurement process or contract execution; and the “*act or omission*” is intended to influence the procurement process or contract execution.

<sup>3</sup> For the purpose of this sub-paragraph, “*party*” refers to participants in the procurement process (including public officials) attempting either themselves, or through another person or entity not participating in the procurement or selection process, to simulate competition or to establish bid prices at artificial, non-competitive levels, or are privy to each other’s bid prices or other conditions.

<sup>4</sup> For the purpose of this sub-paragraph, “*party*” refers to a participant in the procurement process or contract execution.

# **Part - 2**

# **Supply Requirements**

## **Section VI. Schedule of Requirements**

### **Contents**

1.	Schedule of Works
2.	Terms and conditions for work execution
3.	Technical Specifications

## 1. Schedule of Works

### SCHEDULE

Drilling of 39 boreholes in all types of soil, soft/disintegrated rock, and hard rock, including rock coring and conducting Standard Penetration Tests (SPT), strictly in accordance with the specifications and directions of the Engineer-in-Charge (EIC). The item rate shall be inclusive of:

- Mobilisation and demobilisation of drilling rigs, and shifting of all equipment between the 39 borehole locations.
- Supply of all tools, tackles, drilling and testing equipment, PLT loading arrangement and reaction system (15T to 20T vehicle on a rental basis), consumables, materials, and deployment of skilled and unskilled manpower.
- Collection of disturbed and undisturbed samples, rock coring, conduct of SPTs and all other incidental works necessary for completion of the investigation.
- Complete execution of the work in accordance with the approved specifications, drawings, and directions of the EIC.
- The depth of individual boreholes and the locations shall be decided by the Engineer-in-Charge, based on the subsurface conditions encountered during field investigations.
- Minimum 4 drilling rigs should be mobilised.

Sl. No.	Description (as stated in SI No: 10.0)	Unit	Qty	Rate / Qty	Total Cost in Rs.
1	Soil strata	R.m.	200		
2	Soft/disintegrated rock	R.m.	400		
3	Hard rock	R.m.	260		
	<b>Total Drilling Length</b>	R.m.	860		
	Tax amount ____% GST				
	<b>Gross Amount (including taxes)</b>				

## **2. Terms and Conditions for work execution**

1. The field work shall be done under the direction of Dr. K. Muthukumaran, BIS Chair Professor, Department of Civil Engineering, NIT, Trichy. For any clarification regarding field work, the drilling agency should contact Dr. K. Muthukumaran, NIT Trichy.
2. All the field work should be carried out as per the relevant IS code specification and as directed by Dr. K. Muthukumaran, NIT Trichy.
3. The contractor should arrange the necessary supporting materials for Drilling work (like Water, Electrical power, local mobilisation, drilling mud, etc.)
4. All safety measures to be taken to avoid any accident by providing temporary barricades and the Work in progress board / red flag and red light etc., shall be provided at the site and shall take “All risk insurance cover” for machinery, material and workers employed for the work.
5. A site supervisor with a qualification of Diploma or B.E in Civil Engineering with experience in the relevant field should be employed at the site throughout the project duration. He shall take responsibility for the work progress, materials and labour workmanship.
6. The site supervisor shall report the daily progress to Dr.K.Muthukumaran, NIT Trichy and act as per his instruction on any other problems faced during the drilling and sampling process.
7. The contractor should arrange for a sufficient (preferably four) number of drilling units so as to complete the work on the stipulated time without any delay.
8. Boring shall start from the existing ground level @ 0.0m. SPT Test shall be done at 0.75m, 1.5m, 2.25m, 3.0m and thereafter every 1.0m interval.
9. All the samples should be handed over to the NITT Civil Department for lab testing.
10. The payment shall be made for the actual depth of boring.
11. The work shall be completed within **20 Days** from the date of receipt of the work order.

### **3. Technical Specifications**

## **DRILLING, SAMPLING AND SPT**

### **1.0 Mobilization**

1.1 The scope of this item includes mobilization of all equipment instruments and personnel (skilled & unskilled) required to carry out the work in accordance with the following specifications.

### **2.0 Drilling exploratory holes in the soil.**

2.1 Setting up and shifting of boring/drilling rigs before the start of boring is included in the scope of this item.

2.2 The work of drilling in soils shall be carried out in such a manner that penetration tests can be carried out as required and collection of undisturbed samples of 100 mm diameter would be possible. The choice of method of drilling is left to the contractors, but preference shall be given to a method, which permits continuous SPT of the soil layers. The size of boreholes shall not be greater than 150 mm diameter. The boreholes shall be thoroughly cleaned by the contractor as and when required. For removing particles larger than silt size, the contractor may have to use drilling mud of the required consistency and flush the hole with mud at the requisite pressure.

2.3 The clearance between the split spoon sampling tube (SPT) and the boreholes shall be as directed by the Consultant. Usually, holes of very large size would not be preferred. The Contractor shall take **reduced levels (RL) and Coordinates the borehole locations** with reference to a benchmark approved by the Engineer-in-Charge and shall include the same in his report.

2.4 The drilling operations may be interrupted for collecting UDS or for conducting penetration tests etc. The rate for the drilling work is inclusive of all such interruptions and delays. The casing pipes where used shall not be removed unless directed by the consultant. Even after the removal of the casing, a pipe should be left in the borehole to identify the location.

2.5 The contractor shall ensure that sand-blow conditions do not develop while boring/drilling. A sufficient surcharge of water or drilling mud should be maintained all through the operation.

2.6 The boring and/or drilling for a complete borehole up to the required level shall be paid on per meter depth basis. No additional payment will be given if the same rig or a different type of rig is brought to the location of the hole for completing either bedrock drilling or any other balance activity stipulated in that borehole.

2.7 The **groundwater level** shall be recorded every morning before the start of work.

2.8 On completion of work, the bore hole to be refilled, and the top 45 cm shall be concreted with lean cement concrete and finished smoothly.

2.9 Mode of measurement & payment: The total depth of boring in soil or weathered rock or hard rock will be determined by measuring or computing the difference in the elevations of the top of the existing soil surface before construction of the working platform and the deeper of the following:

- i) The lower edge of the casing pipe.
- ii) Elevation of the lowest point of penetration of the sampling tube spoon or lower tip of the dynamic probing cone, whichever is lower.
- iii) Hard rock:- Core Recovery more than 60%
- iv) Soft rock:- Core Recovery more than 10 % and
- v) Soil: - Values lesser than indicated for soft rock shall be classified as soil.

vi) The payment shall be done per meter of drilling as per actual.

### **3.0 Conducting Standard Penetration Tests (SPT)**

3.1 For details of sampling tube (spoon), equipment and procedure for conducting a penetration test, the IS Code, IS 2131 shall apply. The driving monkey should be provided with a suitable arrangement for controlling the height of fall. It should be ensured that the "Sand-blow" of fine sands is avoided while conducting penetration tests. For this purpose, it may be necessary to use mud (Bentonite) circulation or create surcharge pressure. If desired and so directed by the Consultant, a cone penetration test may be used instead of standard penetration tests conducted with a split spoon sampler. In such cases, the contractor shall be paid at the same rate as a standard penetration test.

3.2 For the Standard Penetration Test, the blow count shall be recorded at intervals of 15 cms for a total penetration of 60 cms. The SPT blow count shall be reckoned as the total number of blows for the second and third penetration increments of 15 cms. In exceptional cases, penetration up to 90 cms may be required. No separate payment would be made for this. In case blow counts exceed 50 for 15 cm or less penetration, then terminate the test and note the penetration for 50 blows. Solid cone tests shall be used where directed by the Consultants instead of the SPT without any extra payment for a change of the drive point (from the SPT spoon to the cone)

3.3 All attempts shall be made to recover the full sample of the standard split spoon sampler. The sampler must have a ball valve at the top of the sampler for minimising loss of sample, where sample recovery is poor or nil; a representative sample obtained from the sludge pump/bailer shall be preserved.

3.4 Wherever a sample is recovered, the following details shall be noted along with a usual record of blow counts. This must be recorded for very stiff clays.

- a) Penetration (meters) and blow counts.
- b) Recovery (percentage)
- c) Logging of silt/fine sand seam, if any.
- d) Visual classification of the soil sample.
- e) Modulus of Sub-grade reaction of soils (For all types of soil)

The above information shall be recorded for each hole in the specified format given by the Consultant.

3.5 In the case of stiff to medium clay, where a sample is recovered in the form of 'cake', a suitable length of cake shall be wrapped with polythene and further wrapped with a layer of bandage cloth.

3.6 Mode measurement & payment: The measurement for this item shall be as per completed tests, which have been carried out as per specifications to the satisfaction of the Consulting Engineer. The payment shall be done per number of completed tests. No payment shall be admissible for tests that are not as per specifications or are incomplete. The opinion of the Consultant in this respect shall be final and binding on the Contractor. Related drilling is payable under item 2.0.

### **4.0 Collection of disturbed soil samples in tubes (TDS)/plastic Jars**

4.1 Disturbed samples are required to be collected from holes. Depending on the type of soil, the method of collection of disturbed samples would differ.

4.2 The samples shall be collected in non-returnable 50mm diameter 'C' class M.S. Pipe of suitable length not exceeding 75 cms/where the soil type ranges between plastic silt to clay. The sample tube should have a level edge at the bottom and holes on top for draining trapped water. The

sample should be sealed at both ends of the pipe by a double layer of cotton waste and wax. Every care shall be taken to preserve the natural moisture content. If required, continuous sampling should be carried out to identify the presence of lenses and seams of fine sand.

4.3 While conducting sampling operations in sand or silty sand, the sample is likely to slip out during the extraction of a sample from the borehole or trial pit. A flap valve bailer or auger may be used, and representative samples shall be collected without appreciable loss of fines and preserved in screw-top plastic jars and containers. 20 Kg. samples shall be collected in bags whenever Proctor tests are required or whenever instructed.

4.4 If the contractor is instructed to use a suitable type of piston sampler for conducting sampling in non-cohesive soil, such sampling would be paid at the rate of undisturbed sampling in soil. The contractor shall include the cost of providing such tubes in his unit rate.

4.5 Wherever the sample is collected in a tube, the tube shall have a proper identification mark (bore hole No., depth, location, arrow mark indicating bottom end of the sample tube, etc.) The rate for this item shall be per number of samples collected, and shall include providing necessary equipment.

4.6 Mode of measurement and payment: The payment shall be per number of sample, provided that the samples recovered are accepted by the Consulting Engineer. Any unsatisfactory samples or any sampling work that is not as per the specification shall not be paid for.

## **5.0 Collection of Undisturbed sample (UDS)**

5.1 Undisturbed samples shall be collected at intervals of 2 m. or at changes of stratum, whichever occurs earlier, in returnable tubes of 100 mm diameter (internal diameter of the sample tube) and not more than 50 cms long. Samples of smaller size shall not be collected unless specifically approved by the consultant. In hard clay, soil and weathered rock, suitable techniques and a proper sampler shall be used for obtaining undisturbed samples. The area ratio shall be less than 20% for stiff formations and not greater than 10% for soft sensitive clays (as per IS: 1892 - (1987)). The details and design of the sampler should be approved by the consultant before the start of the work. Manual methods shall be adopted for the collection of undisturbed block or cylindrical samples as per the United States Bureau of Reclamation Earth Manual. (Designation E-2 for undisturbed sampling in trial Pits).

5.2 The moisture in undisturbed samples shall be carefully preserved by sealing both ends of the sample tube by applying a double cast of cotton waste and paraffin wax.

5.3 If the sample slips out due to the natural condition of soil, the contractor shall collect a representative sample by using a flap valve bailer or auger without appreciable loss of fines. The representative sample shall be preserved in a screw-top plastic jar (4" 0 x 6 " height). In such an event, the contractor shall be paid at 50 % of the unit rate quoted for collecting an undisturbed sample.

5.4 The sample tube shall have a proper identification mark painted on it (e. g., bore hole No, depth, location arrow mark indicating bottom end of the sample tube, etc.).

5.5 The undisturbed sampling tube and method of undisturbed sampling shall be made to prevent the sample from slipping. This provision shall be subject to scrutiny and approval by the consultants.

5.6 Undisturbed block samples in the trial pit shall be collected by hand out method. The sample thus collected shall be properly protected and sealed for preserving the natural moisture content as mentioned in Earth Manual vide Designation E-2, page 346 to 349.

5.6 Mode of measurement and payment: The payment shall be per number of samples, provided that the samples recovered are accepted by the Consulting Engineer. Any unsatisfactory samples shall not be measured or paid for.

## **6.0 Collection of soil and water samples for chemical analysis**

6.1 Wherever a water sample is required to be collected, the contractor shall not use drilling mud for boring the hole. The sample shall be collected from a case bore hole and only after flushing out the entire contents of the bore hole by means of air flushing, a percussion bailer or any other method approved by the Consultant. The samples shall be collected from the boreholes at the depth selected by the Consultant.

6.2 The water samples shall be collected in airtight amber glass containers (two containers of one litre capacity each for each sample). The contractor shall store such samples in a covered shed.

6.3 The contractor shall deliver the samples to the approved laboratory within ten days of their collection and secure a proper receipt from the consultant.

6.4 The contractor shall allow for sand blow while quoting a unit rate for this item. The unit rate should include the cost of all operations, such as flushing and cleaning, for advancing the borehole deeper.

6.5 Mode of measurement and payment: The payment shall be per number of sample, provided that the samples recovered are accepted by the Consulting Engineer. Any unsatisfactory samples or any sampling work, which is not as per the specification, shall not be paid for.

## **7.0 Drilling exploratory holes in rock**

7.1 Providing all drilling equipment and carrying out NX-size core drilling using a double tube core barrel is included in the scope of this item.

7.2 The maximum lengths of drilling in bedrock overlain by overburden shall generally not exceed 5.0 m measured in rock.

7.3 The work shall comply with IS 1982 and/or as directed by the consultant. The format as approved by the consultant shall be used for recording the rock-drilling data. The data shall include rate of drilling, colour of wash water, nature of sediments in the wash water, loss or gain of drilling water, core run length, core recovery & RQD (Rock Quality Designation). The length for payment under this item shall be measured in rock.

7.4 Cores shall be kept in wooden boxes with compartments of the exact size of the rock cores. While placing the core samples in wooden boxes, it should be ensured that the direction and sequence of core placement are not altered. The core run shall be restricted to the length as directed by the consultant and generally not more than 1.5 m. In weak and friable rock core run shall be reduced.

### **7.5 Core Box:**

7.5.1 The core boxes shall be provided by the contractor and should be made of good-quality timber. Each core box shall house samples not more than 6 m (six meters) long. The contractor shall include in his rate the cost of providing such core boxes.

7.5.2 The depth of cores below ground level shall be indicated at 0.75m, and thereabout every 1.5 meters interval by writing the depth in indelible ink on wooden spacers, which shall be inserted in their correct position in the box. Similarly, the exact depth of any change in stratum, and failure to recover the core, etc., shall be recorded.

7.5.3 The labelling of core samples of rock shall be done in accordance with Appendix D of IS 1892.

7.5.4 All the core boxes shall be marked with details such as the borehole number, the length of cores it contains, the name of work, etc., in paint or in indelible ink on the top face and then handed over to the owner.

7.6 The double tube core barrel shall be used.

7.7 An arrangement should be made for the collection of wash water by installing a top socket with a cross pipe at the top of the casing before the start of rock drilling. The side of the casing should be well-packed near and at the top of the hole to prevent leakage. Wash water should be collected in buckets and allowed to settle. A record of wash water shall be maintained indicating the colour, change in colour, and type of wash water (i.e. thick slurry, lean slurry, or clean water).

7.8 The number of revolutions per minute for the rock drilling shall be constant throughout the complete drilling operation. The rate of penetration for every 250 mm shall be observed during rock drilling and recorded.

7.9 Whenever the field permeability tests are required to be conducted in the underlying bedrock during the intermediate stages of drilling, the contractor shall fix a suitable M. S. pipe as stipulated in the relevant specifications for conducting field permeability tests in the underlying bedrock.

7.10 The contractor shall carry out stage grouting during the course of drilling whenever water loss conditions are met. The contractor shall allow for such stage grouting and delays while quoting the unit rate for drilling in rock. The contractor should separately quote the unit rate of grouting on the basis of a bag of cement.

7.11 The depth of re-drilling, which is measured and paid for in the event of stage grouting, shall in no case exceed the total length of the hole, irrespective of the number of times the hole/stage is grouted and re-drilling for extending the hole to the required depth. The contractor shall provide for all such contingencies in his quoted rate for re-drilling. Payment shall be made only once, for the measurement in running meters of the depth of the bore.

7.12 Mode of measurement and payment: The total depth of drilling in rock will be determined by measuring or computing the difference in the elevations where  $SPT > 50$  was encountered and the elevation of the lowest point of the core barrel. The total length of payment shall not be more than the total length of boring in soil and rock minus the length payable as drilling in soil. The payment shall be made per meter of drilling.

## **8.0 Handling and transporting soil, rock, and water samples to the approved laboratory**

8.1 The samples shall be suitably packed and transported safely so that they reach the NITT laboratory within five days of their collection. The samples shall be dispatched in a batch of not exceeding 50 (Fifty) samples.

8.2 The contractor shall secure a proper receipt for its safe delivery to the approved laboratory and present the receipt to the Engineer or Consultant.

8.3 The samples collected at the site shall be stored properly in a covered shed till the time of their dispatch.

8.4 Mode of measurement and payment: The payment towards this Item shall be made based on batches of samples dispatched from the site and received in the testing laboratories. The number of batches will be decided by the Consulting Engineer.

## **9.0 Water table**

9.1 The depth of stabilized ground water table from the ground level to be ascertained and recorded.

## **10.0 Indicative values of CR**

In view to differentiate various layers of strata broadly into soil/sand, OR Weathered rock, OR Hard rock, the following indicative values of CR shall be considered.

- i) Hard rock:- Core Recovery more than 60%
- ii) Soft rock:- Core Recovery more than 10 % and
- iii) Soil: - Values lesser than indicated for soft rock shall be classified as soil.

**Part-3 Contract**  
**Section VII General Conditions of Contract**  
**Table of Clauses**

1.	Definitions
2.	Contract Documents
3.	Corrupt and Fraudulent Practices
4.	Interpretation
5.	Language
6.	Joint Venture, Consortium or Association
7.	Eligibility
8.	Notices
9.	Governing Law
10.	Settlement of Disputes
11.	Obligations During Arbitrations
12.	Scope of Supply
13.	Delivery and Documents
14.	Contractor's Responsibilities
15.	Contract Price
16.	Terms of Payment
17.	Taxes and Duties
18.	Performance Security
19.	Copyright
20.	Confidential Information
21.	Subcontracting
22.	Specifications and Standards
23.	Packing and Documents
24.	Insurance
25.	Transportation and Incidental Services
26.	Inspections and Tests
27.	Liquidated Damages
28.	Warranty
29.	Patent Indemnity
30.	Force Majeure
31.	Change Orders and Contract Amendments
32.	Extensions of Time
33.	Termination
34.	Assignment

<b>Section VII General Conditions of Contract</b>	
<b>1</b>	<b>Definitions:</b> The following words and expressions shall have the meanings hereby assigned to them:
	a “NITT” means National Institute of Technology, Tiruchirappalli established under societies Registration Act XXVII of 1975.
	b “Contract” means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.
	c “Contract Documents” means the documents listed in the Contract Agreement, including any amendments thereto.
	d “Contract Price” means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions therefrom, as may be made pursuant to the Contract.
	e “Day” means calendar day.
	f “Completion” means the fulfillment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.
	g “GCC” means the General Conditions of Contract.
	h “Goods” means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.
	i “The Project Site,” term where applicable, means the place of work named in the Special Conditions of Contract (SCC).
	j “Purchaser” means faculty, department and other entities of the competent for purchasing Goods and Services, as specified in the SCC.
	k “Related Services” means the services incidental to the supply and installation of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.
	l “SCC” means the Special Conditions of Contract.
	m “Subcontractor” means any person, private or government entity, or a combination of the above, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.
	n “Supplier” means the person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.
	o “The Project Site,” where applicable, means the place named in the SCC.
<b>2</b>	<b>Contract Documents:</b> Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.
<b>3</b>	<b>Corrupt and Fraudulent Practices:</b> The Institute requires compliance with its policy against the corrupt and fraudulent practices as set forth Section- V The Purchaser requires the Supplier to disclose any commissions or fees that may have been paid or are to be paid to agents or any other party with respect to

		the bidding process or execution of the Contract. The information disclosed must include the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee.
<b>4</b>	<b>Interpretation</b>	
	4.1	The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.
	4.2	<b>Amendment</b> No amendment or other variation of the Contract shall be valid unless it is reduced to writing, dated, expressly refers to the Contract, and is signed by the duly authorized representative of each party thereto.
	4.3	<b>Non waiver</b>
	<b>a</b>	Subject to GCC Sub-Clause 4.5(b) below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.
	<b>b</b>	Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.
	4.4	<b>Severability:</b> If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.
<b>5</b>	5.1	<b>Language:</b> The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the SCC. Supporting documents and printed literature that are part of the Contract may be in any language provided they are accompanied by an accurate translation of the relevant passages in the language specified, in which case, for purposes of interpretation of the Contract, such translation shall govern.
	5.2	The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.
<b>6</b>		<b>Joint Venture, Consortium or Association:</b> If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfilment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.
<b>7</b>	7.1	<b>Eligibility:</b> The Bidder should not have been declared insolvent by the competent court.
	7.2	The Bidder should not be disqualified for contract under the law of the India.
	7.3	The Bidder should not be adjudged defaulter of Tax Payment under Income Tax Law or any other Law for the time being in-force.
	7.4	The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity

		with the provisions of the laws of that country. Nationality must be disclosed by the supplier
	7.5	All Goods and Related Services to be supplied under the Contract shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.
<b>8</b>	8.1	<b>Notices</b> Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the SCC. The term “in writing” means communicated in written form with proof of receipt.
	8.2	A notice shall be effective when delivered or on the notice’s effective date, whichever is later.
<b>9</b>	9.1	<b>Governing Law:</b> The Contract shall be governed by and interpreted in accordance with the laws of India, unless otherwise specified in the SCC.
	9.2	Throughout the execution of the Contract, the Contractor shall comply with the import of goods and services prohibitions in India when <ul style="list-style-type: none"> <li>a Throughout the execution of the Contract, the Contractor shall comply with the import of goods and services prohibitions in India when</li> <li>b by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, India prohibits any import of goods from that country or any payments to any country, person, or entity in that country.</li> </ul>
<b>10</b>	10.1	<b>Settlement of Disputes</b> The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.
	10.2	If the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to settle the issue by arbitration, as hereinafter provided, as to the matter in dispute, no arbitration in respect of the matter be commenced unless such notice is given in accordance with this Clause for the final settlement of the matter. Arbitration may be commenced prior to or after delivery of the Goods under the Contract.
	10.3	All questions, disputes and differences arising shall be referred by the The Director, National Institute of Technology, Tiruchirappalli to the sole arbitrator for arbitration under the provision of the Arbitrations and Conciliation Act, 1996.
<b>11</b>		<b>Obligations During Arbitrations</b> Notwithstanding any reference to arbitration in Clause 10, <ul style="list-style-type: none"> <li>a the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and</li> <li>b the Purchaser shall pay any amount due to the Supplier.</li> </ul>
<b>12</b>		<b>Scope of Supply</b> The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.
<b>13</b>		<b>Delivery and Documents</b> Subject to GCC Sub-Clause 33.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule

		specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the SCC.
<b>14</b>		<p><b>Suppliers Responsibilities</b></p> <p>The Contractor shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 12, and the Delivery and Completion Schedule, as per GCC Clause 13.</p>
<b>15</b>		<p><b>Contract Price</b></p> <p>Prices charged by the Contractor for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Contractor in its bid, with the exception of any price adjustments authorized in the SCC.</p>
<b>16</b>	16.1	<p><b>Terms of Payment</b></p> <p>Ordinarily, payments for services rendered or supplies made shall be released only after the services have been rendered or supplies appropriate to the requirement made.</p>
	16.2	The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 13 and upon fulfilment of all other obligations stipulated in the Contract.
	16.3	Payments shall be made promptly by the Purchaser, within ninety (90) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it
	16.4	The currencies in which payment shall be made to the supplier under this contract shall be Indian currency unless otherwise agreed.
<b>17</b>	17.1	<p><b>Taxes and Duties</b></p> <p>For goods manufactured outside India, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside India.</p>
	17.2	For goods Manufactured within India, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.
	17.3	If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in India, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent or country or origin, the supplies shall provide benefit from any such tax sowing to the purchaser.
<b>18</b>	18.1	<p><b>Performance Security:</b></p> <p>If required as specified in the SCC, the Supplier shall, within twenty-one (21) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the SCC</p>
	18.2	The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
	18.3	As specified in the SCC, the Performance Security, if required, shall be denominated in the currency(ies) of the Contract or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the format stipulated by the Purchaser in the SCC, or in another format acceptable to the Purchaser.
	18.4	Performance security should remain valid for a period of sixty days beyond the date of completion of all contractual obligations of the supplier including warranty obligation.
	18.5	Bid security shall be refunded to the successful bidder 6-8 weeks of receipt of performance security.

<b>19</b>		<b>Copyright</b> The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party.
<b>20</b>	20.1	<b>Confidential Information</b> The Client and the Contractor shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Contractor may furnish to its Subcontractor such documents, data, and other information it receives from the Client to the extent required for the Subcontractor to perform its work under the Contract, in which event the Contractor shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Contractor under GCC Clause 20
	20.2	The Contractor shall not use such documents, data, and other information received from the Client for any purposes unrelated to the contract. Similarly, the Contractor shall not use such documents, data, and other information received from the Client for any purpose other than the performance of the Contract.
	20.3	The obligation of a party under GCC Sub-Clauses 20.1 and 20.2 above, however, shall not apply to information that:
		<ul style="list-style-type: none"> <li>a Now or hereafter enters the public domain through no fault of that party;</li> <li>b can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or</li> <li>c otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.</li> </ul>
	20.4	The above provisions of GCC Clause 20 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.
	20.5	The provisions of GCC Clause 20 shall survive completion or termination, for whatever reason, of the Contract.
<b>21</b>	21.1	<b>Subcontracting</b> The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later on shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.
	21.2	Subcontracts shall comply with the provisions of GCC Clauses 3 and 7.
<b>22</b>	22.2	<b>Specifications and Standards</b> Technical Specifications and Drawings
		<ul style="list-style-type: none"> <li><b>a</b> The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section-VI, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin or India.</li> <li><b>b</b> Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of</li> </ul>

		Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause 33.
<b>23</b>	23.1	<p><b>Packaging and Documents</b></p> <p>The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.</p>
	23.2	The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.
<b>24</b>		<p><b>Insurance</b></p> <p>Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Incoterms or in the manner specified in the SCC.</p>
<b>25</b>	25.1	<p><b>Transportation and Incidental Services</b></p> <p>The Supplier is required under the Contract to transport the Goods to a specified place of final destination within India, defined as the Project Site, transport to such place of destination in India, including insurance and storage, as shall be specified in the Contract, shall be arranged by the Supplier, and related costs shall be included in the Contract Price"; or any other agreed upon trade terms (specify the respective responsibilities of the Purchaser and the Supplier)</p>
	25.3	Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services otherwise shall be at the cost of suppliers.
<b>26</b>	26.1	<p><b>Inspections and Tests</b></p> <p>The Contractor shall carry out all such tests at site related to the works and Related Services as are specified in the SCC.</p>
	26.2	The Contractor shall provide the Client with a report of the results of any such test.
<b>27</b>		<p><b>Liquidated Damages</b></p> <p>Except as provided under GCC Clause 32, if the Contractor fails to execute any or all of the Works by the Date(s) of completion or perform the Related Services within the period specified in the Contract, the Client may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the complete price of the delayed Works or unperformed Services for each week or part thereof of delay until actual completion or performance, up to a maximum deduction of the percentage specified in those SCC. Once the maximum is reached, the Client may terminate the Contract pursuant to GCC Clause 33.</p>
<b>28</b>	28.1	<b>Warranty : NA</b>
<b>29</b>	29.1	<b>Patent Indemnity: NA</b>
<b>30</b>	30.1	<b>Force Majeure</b>

		For purposes of this Clause, “Force Majeure” means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, wars or revolutions ,fires, floods, epidemics, quarantine restrictions, and freight embargoes.
	30.2	If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably possible, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
	30.3	If a Force Majeure situation arises, the Contractor shall promptly notify the Client in writing of such condition and the cause thereof. Unless otherwise directed by the Client in writing, the Contractor shall continue to perform its obligations under the Contract as far as is reasonably possible, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
<b>31</b>	<b>31.1</b>	<p><b>Change Orders and Contract Amendments</b></p> <p>The Client may at any time, order the Contractor through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:</p>
	a	drawings, designs, or specifications, where works to be executed under the Contract are to be specifically made for the Client;
	b	the Related Services to be provided by the Contractor.
<b>32</b>	<b>32.1</b>	<p><b>Extensions of Time</b></p> <p>If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 13, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier’s notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier’s time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.</p>
	32.2	Except in case of Force Majeure, as provided under GCC Clause 32, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 34.1.
<b>33</b>	<b>33.1</b>	<p><b>Termination for Default</b></p> <p>The Client, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Contractor, may terminate the Contract in whole or in part:</p>
	a	if the Contractor fails to complete any or all of the works within the period specified in the Contract, or within any extension thereof granted by the Client pursuant to GCC Clause32;
	b	if the Contractor fails to perform any other obligation under the Contract; or
	c	if the Contractor, in the judgment of the Client has engaged in fraud and corruption, as defined in GCC Clause 3, in competing for or in executing the Contract
	<b>33.2</b>	<p><b>Termination for Insolvency</b></p> <p>The Client may at any time terminate the Contract by giving notice to the Contractor</p>

		if the Contractor becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Contractor, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Client
33.3	<b>Termination for Convenience</b>	
	a	The Client, by notice sent to the Contractor, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Client's convenience, the extent to which performance of the Contractor under the Contract is terminated, and the date upon which such termination becomes effective.
	b	The works that are complete within twenty-eight (28) days after the Contractor's receipt of notice of termination shall be accepted by the Client at the Contract terms and prices. For the remaining Works, the Client may elect : (i) to have any portion completed at the Contract terms and prices ; and/or (ii) to cancel the remainder and pay to the Contractor an agreed amount for partially completed works and Related Services.
34	<b>Assignment</b>	Neither the Client nor the Contractor shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.
35		If any arithmetic mistake in total/GST calculation is observed, the same shall be corrected by the client with an intimation to bidder.
36		Bids submitted without EMD(Unless exempted) will be treated as disqualified.
37		The successful bidder should submit Security Deposit/PBG within 15 days from the date of placement of order. The EMD shall be returned only after receipt of SD. If the bidder fails to deliver the material, then the EMD/SD shall be forfeited.
38		<p>Make in India clause, applicable as per Govt. of India norms. (<b>ANNEXURE- C)</b></p> <p><b>PUBLIC PROCUREMENT (PREFERENCE TO MAKE IN INDIA), ORDER:</b></p> <p>Public Procurement (Preference to Make in India), Order 2017, DIPP, MoCI Order No. P-45021/2/2017-B.E.II dated 15th June 2017 and subsequent revised orders issued from time to time, purchase preference will be given suppliers as defined in the aforesaid order. The various categories of suppliers defined in the aforesaid order are reproduced below.</p> <p>“Local Content” means the amount of value added in India which shall be value of the item procured (excluding net domestic indirect taxes) minus the value of the imported content in the item (including all the custom duties) as a proportion of the total value, in percent. Accordingly, the suppliers will be classified in following categories.</p> <ul style="list-style-type: none"> <li>i) Class I local supplier – has local content equal to more than 50%</li> <li>ii) Class II local supplier – has local content more than 20% but less than 50%</li> <li>iii) Non –local supplier – has local content less than or equal to 20%</li> </ul> <p><b>Verification of Local Content:</b> The Class I Local Supplier /Class II Local Supplier/Non-Local Supplier at the time of tender, bidding or solicitation shall be required to indicate the percentage of local content and provide self-certification that the items offered meets the local content requirement as the case may as per Annexure-VII. The details of the location(s) at which the local value addition is made also needs to be mentioned. In case of procurement in excess of Rs.10 crores, the suppliers shall be required to</p>

	<p>submit a certificate towards percentage of local content from the authorities as stated in the aforesaid order in the technical bid itself.</p> <p><b><i>Only Class-I, Class-II and non-local suppliers are also eligible for participating in this tender.</i></b></p> <p>The margin of purchase preference shall be 20%.</p> <p><b>Preference to Make In India products (For bids &lt; 200 Crore):</b> Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate.</p> <p><b>False declarations will be in breach of the 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 up to 2 years as per Rule 151(iii) of the General Financial Rules along with such other actions as may be permissible under law.</b></p>
39	<p><b>LAND BORDER DECLARATION CERTIFICATE (ANNEXURE- D)</b></p> <p>Restrictions on procurement from Contractors from a country or countries, or a class of countries under Rule 144(xi) of the General Financial Rules 2017 in which any bidder from a country sharing a land border with India will be eligible to bid in this tender only if the bidder is registered with the Department for Promotion of Industry and Internal Trade (DPIIT). Accordingly, Land border declaration certificate should be submitted by the Contractors.</p>
40	<p>Bids without quoting GST(unless exempted) will be considered as disqualified, unless specified in the tender document to quote only the basic price.</p>

## Section VIII Special Conditions of Contract

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

<b>GCC Clause Ref. No.</b>	<b>SCC</b>
<b>GCC 1.1 (i)</b>	The Client's country is: <b>India</b> .
<b>GCC 1.1 (k)</b>	The Client is: <b>THE DIRECTOR, NIT TIRUCHIRAPPALLI KIND ATTENTION TO : Dr.K.Muthukumaran, BIS Chair Professor, Department of Civil Engineering</b>
<b>GCC 1.1 (j)</b>	The Project Site is : Coimbatore International Airport, Coimbatore Final Destination is: <b>Department of Civil Engineering, NIT TIRUCHIRAPPALLI</b> .
<b>GCC 5.1</b>	The language shall be: <b>English</b>
<b>GCC 8.1</b>	For notices, the Client's address shall be : Attention : Dr. K. Muthukumaran Street Address : Department of Civil Engineering Floor/ Room number : - City : TIRUCHIRAPPALLI ZIP Code : 620015 Country : <b>India</b> Phone : 0431-2503168 Electronic mail address : <b>kmk@nitt.edu</b>
<b>GCC 9.1</b>	The governing law shall be the <b>law of India</b> .
<b>GCC 10.2</b>	The rules of procedure for arbitration proceedings pursuant to GCC Clause 10.2 shall be as follows : <b>Contracts with Contractor for arbitral proceeding</b> In the case of a dispute between the Client and a Contractor, the dispute shall be referred to adjudication or arbitration in accordance with the laws of India by the arbitrator appointed by The Director, NITT, unless otherwise agreed.
<b>GCC 15.1</b>	The prices charged for the works executed and the related Services performed <b>shall not</b> be adjustable.
<b>GCC 16.1</b>	GCC 16.1—The method and conditions of payment to be made to the Contractor under this Contract shall be as follows : Hundred (100%) percent of the Contract Price shall be paid on the satisfactory completion of works with the certifications by the Purchase Initiator.
<b>GCC 18.3</b>	If required, the Performance Security shall be in the form of : <b>Bank Guarantee/Bank Deposit Receipt/Demand Draft</b> If required, the Performance security shall be denominated in <b>Indian Rupees</b> .
<b>GCC 23.2</b>	The packing, marking and documentation within and outside the packages of soil and rock samples shall comply strictly with such special requirements as shall be expressly provided for in the Contract.
<b>GCC 24.1</b>	The insurance coverage shall be as specified in the <b>Incoterms</b> . If not in accordance with <b>Incoterms</b> , insurance shall be as follows: <b>NA</b>

<b>GCC 25.1</b>	Responsibility for transportation of the soil and rock samples shall be as specified in the <b>Incoterms</b> . If not in accordance with <b>Incoterms</b> , responsibility for transportsations shall be as follows: <b>NA</b>
<b>GCC 27.1</b>	The liquidated damage shall be: <b>1%</b> per week
<b>GCC 27.1</b>	The maximum amount of liquidated damages shall be: <b>10%</b>

NIT, Tiruchirappalli

**Part-4**  
**Bidding Forms & Contract Forms**

NIT, Tiruchirappalli

## Section IX : Bidding Forms

### Table of Forms

<b>Annexure-A</b>	Tender Form (Techno commercial un-priced Bid)
<b>Annexure-B</b>	Tender Form (Price Bid)
<b>Annexure-C</b>	Minimum Local Content Declaration form as per MII norms
<b>Annexure-D</b>	Land Border Declaration certificate
<b>Annexure-E</b>	Bidder Information Form
<b>Annexure-F</b>	Manufacturer's Authorization
<b>Annexure-G</b>	EMD Returning Form
<b>Annexure-H</b>	Mandate Form for Electronic Fund Transfer/RTGS Transfer

## Annexure-A

### Tender Form

**(Techno commercial un-priced Bid)**

*(On the letter head of the firm submitting the bid)*

Tender No. ....

To

The \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dear Sir,

1. I/We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions to Contractors;
2. I/We meet the eligibility requirements and have no conflict of interest;
3. I/We have not been suspended nor declared ineligible in India;
4. I/We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods: *[insert a brief description of the Goods and RelatedServices]*;
5. I/We offer to supply the items as listed in the schedule to this tender hereto/portion thereof as you may specify in the acceptance of Tender at the price given in the said Schedule and agree to hold this offer open for a period of 120 Days from the date of opening of the tender.
6. I/we shall be bound by a communication of acceptance issued by you.
7. I/We have understood the Instruction to Contractors and Conditions of Contract in the form as enclosed with the invitation to the tender and have thoroughly examined the specifications quoted in the Schedule hereto and am/are fully aware of the nature of the goods required and my/our offer is to supply the goods strictly in accordance with the specifications and requirements.
8. A crossed Bank Draft in favor of the Director, National Institute of Technology, Tiruchirappalli for Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) as Earnest Money is enclosed. The Draft is drawn on \_\_\_\_\_. Bank payable at Tiruchirappalli.
9. The following have been added to form part of this tender.
  - (a) Samples of items quoted for, as per instructions provided in the schedule of requirement.
  - (b) Schedule of requirements, quoting the make only duly signed and stamped.(without indicating price)
  - (c) Income Tax Return.
  - (d) Copy of last audited balancesheet.
  - (e) Copy of Valid GST/TAN/TIN.

- (f) Copy of relevant major purchase orders valuing more than Rs. (\_\_\_\_\_) estimated cost/- executed during last two years for Govt. Depts., PSUs & Central Autonomous bodies.
- (g) Proof of manufacturing Unit, dealership certificate/general order suppliers.
- (h) Statement of deviations from financial terms & conditions, if any.
- (i) Any other enclosure. (Please give details)

10. We undertake to execute all orders which have been placed to meet emergent requirements on priority basis.

11. Certified that the bidder is:

- (a) A sole proprietorship firm and the person signing the bid document is the sole proprietor / constituted attorney of the sole proprietor,

Or

- (b) A partnership firm, and the person signing the bid document is a partner of the firm and he has authority to refer to arbitration disputes concerning the business of the partnership by virtue of the partnership agreement/by virtue of general power of attorney.

Or

- (c) A company and the person signing the document is the constituted attorney.

**(NOTE: Delete whatever is not applicable. All corrections/deletions should invariably be duly attested by the person authorized to sign the bid document).**

- 12. We do hereby undertake that, until a formal notification of award, this bid, together with your written acceptance thereof shall constitute a binding contract between us.
- 13. If our bid is accepted, we commit to obtain a performance security in accordance with the Bidding Documents;
- 14. We are not participating, as a Bidder or as a sub contractor, in more than one bid in this bidding process, other than alternative bids submitted;
- 15. We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in any type of fraud and corruption.

Name of the Bidder*	:	
GSTIN Number of the Bidder	:	
<b>NSIC / MSME REGISTERED CONTRACTORS DETAILS (IF APPLICABLE)</b> [THE SCANNED COPY OF THE CERTIFICATE TO BE UPLOADED IN THE EMD SECTION]		
MSME Registration Number & Validity of the Certificate	:	
NSIC Government Registration Number & Validity of the Certificate	:	
Name of the person duly authorized to sign the Bid on behalf of the Bidder**	:	
Title of the person signing the Bid	:	
Signature of the person named above	:	
Date signed	:	

\*: In the case of the Bid submitted by joint venture specify the name of the Joint Venture as Bidder

\*\*: Person signing the Bid shall have the power of attorney given by the Bidder to be attached with the Bid Schedules.

Yours faithfully,

(Signature of bidder)

Dated this day of \_\_\_\_\_

Address: .....

.....

.....

.....

Telephone No.: \_\_\_\_\_

E-mail \_\_\_\_\_

Company seal

## Annexure-B

**Tender Form**  
**(Priced Bid)**  
*(On the letter head of the firm submitting the bid document)*

To

The \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Ref: Tender No..... Dated: .....

Sir,

Having examined the bidding documents and having submitted the techno commercial unpriced bid for the same, we, the undersigned, hereby submit the priced bid for supply and installation of goods and services as per the schedule of requirements and in conformity with the said bidding documents.

1. We hereby offer to supply the Goods/Services at the prices and rates mentioned in the enclosed schedule of requirement.
2. We do hereby undertake that, in the event of acceptance of our bid, the supply and installation of Goods/Services shall be made as stipulated in the schedule of requirement and that we shall perform all the incidental services.
3. The prices quoted are inclusive of all charges net F.O.R NITT. We enclose herewith the complete Financial Bid as required by you. This includes:
  - a. Price Schedule (Bill of Quantity-BOQ).
  - b. Statement of deviations from financial terms and conditions.
4. We agree to abide by our offer for a period of 120 Days from the date fixed for opening of the bid documents and that we shall remain bound by a communication of acceptance within that time.
5. We have carefully read and understood the terms and conditions of the bid document and we do hereby undertake to supply as per these terms and conditions. The Financial Deviations are only those mentioned in the statement of deviations from financial terms and conditions.
6. We have paid, or will pay the following commissions, gratuities, or fees with respect to the bidding process or execution of the Contract: **[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity]**

Name of Recipient	Address	Reason	Amount

(If none has been paid or is to be paid, indicate "none.")

7. We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed ; and
8. We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Certified that the bidder is:

A sole proprietorship firm and the person signing the bid document is the sole proprietor/ constituted attorney of sole proprietor,

**Or**

A partnership firm, and the person signing the bid document is a partner of the firm and he has authority to refer to arbitration disputes concerning the business of the partnership by virtue of the partnership agreement/by virtue of general power of attorney,

**Or**

A company and the person signing the bid document is the constituted attorney.

(NOTE: Delete whatever is not applicable. All corrections/deletions should invariably be duly attested by the person authorized to sign the bid document.)

We do hereby undertake that, until a formal notification of award, this bid, together with your written acceptance thereof, shall constitute a binding contract between us.

Signature of Bidder \_\_\_\_\_

Dated this day of \_\_\_\_\_

Details of enclosures \_\_\_\_\_

Full Address: \_\_\_\_\_

Telephone No. \_\_\_\_\_

Mobile No.: \_\_\_\_\_

E-mail: \_\_\_\_\_

**Company Seal**

## **Annexure-C**

### **DECLARATION REGARDING MINIMUM LOCAL CONTENT IN LINE WITH REVISED PUBLIC PROCUREMENT (PREFERENCE TO MAKE IN INDIA), ORDER 2017 DATED 04<sup>TH</sup> JUNE, 2020 AND SUBSEQUENT ORDER(S)**

*(To be typed and submitted in the Letter Head of the Entity/Firm providing certificate as applicable)*

**Sub:** Declaration reg. minimum local content in line with Public Procurement (Preference to Make in India), Order 2017-Revision, dated 04th June, 2020 and subsequent order(s).

Ref : 1) NITT/Tender No : .....

2) Name of the goods/services : .....

In line with Government Public Procurement Order No. P-45021/2/2017-PP (BE-II) dated 04.06.2020 and its amendments, we hereby certify that we M/s \_\_\_\_\_ are local supplier meeting the requirement of minimum local content i.e., \_\_\_\_\_.% as defined in above orders for the goods/services against Tender No.....dated.....

Details of location at which local value addition will be made as follows :

.....

**We also understand, false declarations will be in breach of the 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 up to two years as per Rule 151(iii) of the General Financial Rules along with such other actions as may be permissible under law.**

Signature with date:

Name:

Designation

Official Seal

**Note:**

1. Contractors to note that above format Duly filled & signed by authorized signatory, shall be submitted along with the bid.
2. The bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid.
3. In case the bidder's quoted value is in excess of Rs. 10 crores, the authorized signatory for this declaration shall necessarily be the statutory auditor or cost auditor of the company (in the case of companies) or a practising cost accountant or practicing chartered accountant (in respect of suppliers other than companies).

## **Annexure- D**

### **LAND BORDER SHARING DECLARATION**

(To be submitted in the bidder's letter head)

In-line with Department of Expenditure's (DoE) Public Procurement Division Order vide ref. F.No.6/18/2019-PPD dated 23.07.2020 & 24.7.2020

Tender Notification no . .....

Name of the Goods/Services: .....

"I/ we have read the clauses pertaining to Department of Expenditure's (DoE) Public Procurement Division Order (Public procurement no 1, 2 & 3 vide ref. F.No.6/18/2019-PPD dated 23.07.2020 & 24.7.2020) regarding restrictions on procurement from a bidder of a country which shares a land border with India. I/We hereby certify that I/ we the bidder < name of the bidder.....> is / are

a) Not from such a country and eligible to be considered for this tender.

OR

b) From such country, has been registered with the competent authority and eligible to be considered for this tender. (Evidence of valid registration by the competent authority shall be attached)

For and behalf of \_\_\_\_\_ (Name of the bidder)

(Signature, date & seal of authorized representative of the bidder)"

## Annexure- E

### **BIDDER INFORMATION FORM**

[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date : [insert date (as day, month and year) of Bid Submission]

ADVT. No. : [insert number of bidding process]

Alternative No.: [insert identification No if this is a Bid for an alternative]

Page \_\_\_\_\_ of \_\_\_\_\_ pages

1. Bidder's Name <i>[insert Bidder's legal name]</i>
2. In case of JV, legal name of each member : <i>[insert legal name of each member in JV]</i>
3. Bidder's actual or intended country of registration: <i>[insert actual or intended country of registration]</i>
4. Bidder's year of registration: <i>[insert Bidder's year of registration]</i>
5. Bidder's Address in country of registration: <i>[insert Bidder's legal address in country of registration]</i>
6. Bidder's Authorized Representative Information Name : <i>[insert Authorized Representative's name]</i> Address : <i>[insert Authorized Representative's Address]</i> Telephone/Fax numbers : <i>[insert Authorized Representative's telephone/fax numbers]</i> Email Address: <i>[insert Authorized Representative's email address]</i>
1. Attached are copies of original documents of <i>[check the box(es) of the attached original documents]</i> <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above. <input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement. <input type="checkbox"/> In case of Government-owned enterprise or institution, documents establishing: <ul style="list-style-type: none"><li>• Legal and financial autonomy</li><li>• Operation under commercial law</li><li>• Establishing that the Bidder is not dependent agency of the Purchaser</li></ul>
2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

## **Annexure- F**

### **Manufacturer's Authorization**

*[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]*

Date :*[insert date(as day ,month and year)of Bid Submission]*

ADVT. No. :*[insert number of bidding process]*

Alternative No.:*[insert identification No if this is a Bid for an alternative]*

To: *[insert complete name of Purchaser]*

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign theContract.

We hereby extend our full guarantee and warranty in accordance with Clause 28 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Dated on \_\_\_\_\_ day of \_\_\_\_\_, *[insert date of signing]*

## Annexure- G

**(TO BE PRINTED IN LETTER PAD OF THE FIRM)**

### **EMD Returning Form**

To,  
The Director  
National Institute of Technology,  
Tiruchirappalli – 620 015

**Sub: Returning EMD amount**

Sir / Madam,

Our firm has participated in the tender / quotation enquiry No mentioned below and produced the EMD amount through SBI collect, details are given below.

<b>Tender / Quotation Reference No</b>	
<b>EMD amount</b>	
<b>SBI Collect Transaction Number</b>	
<b>SBI Collect Transaction Date</b>	

It is requested to return the EMD amount to our firm after completion of the purchase to the below mentioned Bank account.

<b>Account Name</b>	
<b>Bank Account Number</b>	
<b>IFS code</b>	
<b>Bank</b>	

**Signature with Seal and Date**

## Annexure- H

### **MANDATE FORM FOR ELECTRONIC FUND TRANSFER/RTGS TRANSFER**

Date: / /

To

The Director,  
National Institute of Technology,  
Tiruchirappalli – 620 015, Tamil Nadu

Sub	:	Authorization for release of payment / dues from National Institute of Technology, Tiruchirappalli through Electronic Fund Transfer/RTGS Transfer.
-----	---	--

1. Name of the Party / Firm / Company / Institute :
2. Address of the Party :
3. City \_\_\_\_\_ Pin Code \_\_\_\_\_
4. E-Mail \_\_\_\_\_ Mobile No: \_\_\_\_\_
5. Permanent Account Number \_\_\_\_\_
6. Particulars of Bank:

<b>Bank Name:</b>		<b>Branch Name:</b>	
<b>PIN Code:</b>		<b>Branch Code:</b>	
<b>IFS Code:(11 digit alpha numeric code)</b>			
<b>Account Type</b>	Savings	Current	Cash Credit
<b>Account Number:</b>			

### **DECLARATION**

I hereby declare that the particulars given above are correct and complete. If any transaction delayed and not effected for reasons of incomplete or incorrect information I shall not hold Director, National Institute of Technology Tiruchirappalli responsible. I also undertake to advise any change in the particulars of my account to facilitate updating of records for purpose of credit of amount through NEFT/RTGS Transfer.

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

---

**Signature & Seal of the Authorized Signatory of the Party**

---

## **Section X. Contract Forms**

This Section contains forms which, once completed, will form part of the Contract. The forms for Performance Security and Advance Payment Security, when required, shall only be completed by the successful Bidder after contractaward.

### **Table of Forms**

	Forms	Page No
1.	Tender Acceptance Letter	

## **Tender Acceptance Letter**

(To be given on Company Letter Head)

**Date:**

---

---

---

---

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No. :

Name of Tender / Work :

**Dear Sir,**

1. I/We have downloaded/ obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely:

as per your advertisement, given in the above mentioned website(s).

2. I/We hereby certify that I/We have read the entire terms and conditions of the tender documents from PageNo.\_\_\_\_\_ to \_\_\_\_\_ (including all documents like section(s), schedules(s) etc.), which form part of the contract agreement and I/we shall abide hereby by the terms/conditions/ clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/ organisation too have also been taken into consideration, while submitting this acceptance letter.

4. I/We hereby unconditionally accept the tender conditions of above mentioned tender document(s)/ corrigendum(s) in its totality/entirety.

5. In case any provisions of this tender are found violated, then your department/organisation shall without prejudice to any other right or remedy be at liberty to reject this tender/bid including the forfeiture of the full said earnest money deposit absolutely.

Yours faithfully,

**(Signature of the bidder with Official Seal)**

## HELP PAGE FOR COVER-WISE UPLOADING THE TENDER DOCUMENTS IN E-TENDER PORTAL AFTER LOGGING IN TO THE BIDDER'S LOGIN

Cover Details: No. of Covers-3				
Cover No	Cover	Document Type	Description	Remarks
1	<b>Fee</b>	.pdf	EMD (Earnest Money Deposit)	SBI Collect Receipt & EMD Returning Form (Annexure-G)
		.pdf	Bid Security Form	The Form has to be submitted in the Letter Head of the Firm/Company/Enterprises along with appropriate Sign & Seal)
2	<b>PreQual/ Technical</b>	.pdf	Declaration by the firm that it has never been black-listed	Self-declaration by the firm duly signed & stamped
		.pdf	Details to be furnished by the Contractor. (Tender Document Pg. No.5)	Duly filled and signed and stamped Checklist for Bid / Tender Document available in the page no.5
		.pdf	Other Important Documents. (Combined Copy)	Details to be furnished by the Contractor Form (Tender Document Pg. No.5) Relevant certificates for items 2-7 are to be enclosed
		.pdf	Technical Bid	Tender Document & Tender Related Documents
		.xls	Technical Bid	Tender Document & Tender Related Documents
		.pdf	Details of similar works executed with Govt. depts./reputed private Ltd, companies or educational institution/universities during last 5 years.	Similar works relevant work orders and Experience Certificate Copies to be upload.
3	<b>Finance / Price Bid</b>	.xls	Price Bid (BoQ)	Duly filled in Price Bid Excel file
		.pdf	Scanned copy of item wise breakup of price bid.	Item wise breakup of price bid in PDF (duly signed)

OID Bid (Other Important Documents to be uploaded) <u>Other Important Documents</u>				
S.No	Category	Sub Category	Format/ File	Remarks
1	Certificate Details	Permanent Account Number	.pdf	Scanned Copy of Original PAN CARD of the firm.
2	Certificate Details	Registration Certificate	.pdf	Registration Certificate Details (Any firm registration Copy)
3	Certificate Details	Contractors Address Format	.pdf	Bidder Complete Profile (To be provided by the bidder in their business letter head)
4	Certificate Details	Provident Fund Certificate	.pdf	Certificate copy of Employees' Provident Fund Organization
5	Certificate Details	Employees State Insurance Certificate	.pdf	Employees State Insurance Certificate
6	Certificate Details	GST Registration Certificate	.pdf	GSTIN Registration certificate

NIT, Tiruchirappalli