

NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI – 15

Web: www.nitt.edu Phone: 94837 42674

e-Procurement Notice

Ref: NITT/F.NO.024/CAPEX(OH-35)/2024-25/CIVIL Dated:31-01-2025

Online tenders are hereby invited in two Bid system from Indian Nationals for SUPPLY AND INSTALLATION OF CCTV SURVEILLANCE INFRASTRUCTURE FOR CIVIL ENGINEERING.

Bidders can download complete set of bidding documents from e- procurement Platform https://eprocure.gov.in/eprocure/app from **31-01-2025** @ **3 p.m.** onwards. Bidders need to submit the bids online for the interested items by uploading all the required documents through https://eprocure.gov.in/eprocure/app.

Last Date/ Time for receipt of bids through e-procurement is: 24.02.2025 @3 p.m. (Server time). Late bids shall not be accepted.

For further details regarding Tender Notification & Specifications please visit website: https://eprocure.gov.in/eprocure/app and www.nitt.edu

CRITICAL DATE SHEET

Published Date	31-01-2025 @ 6.55 P.M		
Bid Document Download Start Date	31-01-2025 @ 6.55 P.M		
Clarification Start Date	Not Applicable		
Clarification End Date	Not Applicable		
Pre bid meeting	Not Applicable		
Venue of Pre-bid Meeting	Not Applicable		
Bid Submission Start Date	31-01-2025 @ 6.55 P.M		
Bid Submission End Date	24-02-2025 @ 3 P.M		
Bid Opening Date(Technical)	25-02-2025 @ 3 P.M		
Bid Opening Date(Price)	Will be announced after technical evaluation		

Note: *Bidder should submit the EMD as specified in the tender. The hard copy should be posted / couriered / deposit in person to the Central Dispatch section / Tender Inviting Authority, within bid submission due date and time as indicated in the tender. Scanned copy of the DD/Bank guarantee should be uploaded as part of the offer. Exemptions shall be given as per Govt.Guidelines.

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 – 15

DEPARTMENT OF CIVIL ENGINEERING

Web: www.nitt.edu Phone: 94837 42674



Tender Document (e - Procurement)

Tender Notification No	Ċ	NITT/F.NO.024/CAPEX(OH-35)/2024- 25/CIVIL
Date	;	31-01-2025
Name of the Department	:	CIVIL ENGINEERING
Name of the component	:	SUPPLY AND INSTALLATION OF CCTV SURVEILLANCE INFRASTRUCTURE FOR CIVIL ENGINEERING
EMD Amount	:	Rs.18,000/-
Last Date & Time of submission of Tender	:	24-02-2025 @ 3 P.M
Address for submission of Tender	:	THE DIRECTOR, NIT TIRUCHIRAPPALLI- 15 KIND ATTENTION TO: DR.GREEGAR GEORGE, ASST. PROFESSOR, DEPARTMENT OF CIVIL ENGINEERING
Date & Time of opening of technical bid	:	25-02-2025@ 3 P.M

IMPORTANT INSTRUCTIONS TO THE PROSPECTIVE BIDDERS/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: +91-431-250-3963/3961/3056

Detailed Circular is attached in the web link below:

https://www.nitt.edu/home/other/tenders/Instructions_to_bidders.pdf

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 certficate	
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).	
	If the bidder requesting EMD exemption, kindly attached copy of	
	the NSIC / MSE (Micro & 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 & Medium Enterprises	
	are excluded from EMD exemption. Please refer MSME Rules regarding	
7	Exemption.	
7.	Have you submitted Minimum Local content Declaration form for	
	Make in India clause ?	
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	
13.	122.15 you enclosed the senedule of requirement indicating the make	

	offered without indicating the pricing components along with the	
	techno commercial unpricedbid?	
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?	
	PRICE BID	
1.	Have you signed and attached the priced bid form?	
2.	Have you attached the schedule of requirements duly priced?	

Table of Contents

Part 1	Bidding Procedures
SECTION-I	Instructions for Online Bid Submission
SECTION-II	Instructions to Bidders
SECTION-III	Bid Data Sheet
SECTION-IV	Prequalification
SECTION-V	Institute against Corrupt and Fraudulent Practices
Part 2	Supply Requirements
SECTION-VI	Schedule of Requirements
	List of Goods and Delivery Schedule
	List of Related Services and Completion Schedule
	Technical Specifications
Part 3	Contract
SECTION-VII	General Conditions of Contract
SECTION-VIII	Special Conditions of Contract
Part 4	Bidding Forms & Contract Forms
SECTION-IX	Bidding Forms
SECTION-X	Contract Forms
	Notice Inviting Tenders
	Help Page to Web load the documents in E-Tender Portal
	For Cover Wise Uploading The Tender Documents

Part - 1 Bidding Procedures

Section I: Instructions for Online Bid Submission

Instructions to the Bidders 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 / bidders 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 bidders should provide only valid and true information including valid E-mail id. All the correspondence shall be made directly with the contractors/bidders 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 thesame.
- 6. Contractor / Bidder may go through the tenders published on the site and download the tender documents/schedules for thetenders.
- 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. Bidders 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 veryfast.

- 14. The Bidders 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 ofbids.
- 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 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.
- 17. The bidder has to select the payment option as offline to pay the Tender FEE / EMD as applicable and enter details of the instruments.
- 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 bidpackets.
- 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 berejected.

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 thetender.
- 22. The bidders 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 bidders.
- 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 bidders should follow such time during bidsubmission.

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 bidopening.
- 25. All the data being entered by the bidders 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 anyperson.

- 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 theauthorized 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 bidders may contact at address as provided in the tender document. Parallely for any further queries, the bidders are advised to contact over phone: 1-800-233-7315, 0120-4001005 or send an E-mail to cppp-nic@nic.in.

Section II: Instructions to Bidders

Table of Clauses

A	General
1.	Scope of Bid
2.	Eligible Bidders
	Contents of Bidding Document
3.	Sections of Bidding Document
4.	Clarification of Bidding Documents, Site Visit, Pre-Bid Meeting
5.	Amendment of Bidding Document
	Preparation of Bids
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
	Submission and Opening of Bids
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
	Evaluation and Comparison of Bids
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.	Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids
	Award of Contract
29.	Award Criteria
30.	Purchaser's Right to Vary Quantities at Time of Award
31.	Notification of Award
32.	Signing of Contract
33.	Performance Security

Section II. Instructions to Bidders

	A.Gen	eral		
1	SCOPE OF BID			
	SCOIL	SUPPLY AND INSTALLATION OF SUPPLY AND INSTALLATION OF CCTV		
		SURVEILLANCE INFRASTRUCTURE FOR CIVIL ENGINEERING as per		
		Spécifications. Through out these Bidding Documents unless the context otherwise		
		requires : "		
		a. 'in writing" means communicated in written form (e.g. by mail, e-mail, fax, telex)		
		with proof of receipt;		
		b. "Institution means National Institute of Technology, Tiruchirappalli'		
2		LE BIDDERS		
	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		
	2.2	Venture (JV) under an existing agreement.		
	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 Représentative 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		
	2.3	contract.		
	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:		
		a directly or indirectly controls, is controlled by or isunder common control		
		with another Bidder; or b receives or has received any direct or indirect subsidy from another Bidder:		
		c has the same legal representative as another Bidder; or		
		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 Purchaser regarding this bidding process; or		
		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		
		f Has a close business or family relationship with a professional staff of the		
		Purchaser (or of the project implementing agency, or of a recipient of a part		
		of the loan) who:		
		(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		
		(ii) would be involved in the implementation or supervision of such contract.		
	2.4	A foreign firm and individual may be ineligible if as a matter of law or		
	2.4	regulations, India prohibits commercial relations with the country of bidder.		
	2.5	A Bidder shall provide such evidence of eligibility satisfactory to the Purchaser,		
		as the Purchaser shall reasonably request.		
3	CONTE	ENTS OF BIDDING DOCUMENT		
		ELIZO GE ELEMENTO DO CONTENTA		

	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.
	3.2	The Invitation for Bids issued by the Purchaser is not part of the Bidding
		Document.
	3.3	Unless obtained directly from the Purchaser, the Purchaser 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 Purchaser
		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.
4		FICATION OF BIDDING DOCUMENTS, SITE VISIT, PRE-BID MEETING
	4.1	A Bidder requiring any clarification of the Bidding Document shall contact the
		Purchaser in writing at the Purchaser's address specified in the BDS or raise its
		enquiries during the pre-bid meeting if provided. The Purchaser 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
	4.0	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 procurement of Goods. The costs of visiting shall
	4.3	be at the Bidder's own expense The Bidder's designated representative is invited to attend a pre-bid meeting. The
	4.3	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 Purchaser
		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 Bidders, without identifying the source, and the responses given,
		together with any responses prepared after the meeting, will be transmitted
		promptly to all Bidders 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 Purchaser 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.
5		ment of Bidding Document
	5.1	At any time prior to the deadline for submission of bids, the Purchaser 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
-	5.0	published on https://eprocure.gov.in/eprocure/app .
	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 Purchaser. The Purchaser shall also promptly publish the addendum on the
	5.3	Purchaser's webpage. The Purchaser may at its discretion to give prospective Ridders reasonable time.
	5.5	The Purchaser may, at its discretion to give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, extend the
		deadline for the submission of bids.
		deadine for the submission of thus.
L	1	

inged by the Bidder oporting documents provided they are age specified in the hallgovern.
<u> </u>
chnical Bid and
<u> </u>
t of the Technical
n-Priced Bid) and
nission of Tender
atory of the Bid to
ntract if its bid is
rices to be supplied IV like PAN/GST
er.
sheet ocure.gov.in/ AL.xls and fill e same in the ard copy of the to be uploaded in
with this Tender
are advised to
in the prescribed Y (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.
	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		Tender Forms (Technical and Price) and Price Schedule(BOQ)
		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.
9		Alternative Bids
10	10.1	Unless otherwise specified in the BDS, alternative bids shall not be considered
10	10.1	Bid Prices and Discounts
		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.
		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
	10.0	treated as zero.
	10.2	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. Bidders 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.
	10.3	Prices shall be quoted as specified in each Price Schedule (BOQ) as provided.
		The dis-aggregation of price components is required solely for the purpose of
		facilitating the comparison of bids by the Purchaser. This shall not in any way
		limit the Purchaser'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 For Goods manufactured in India:
		1. GST payable on the Goods, if the contract is awarded to the Bidder; and
		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;
		c For Related Services, other than inland transportation and other services
		required to convey the Goods to their final destination, whenever such
	1	, , , , , , , , , , , , , , , , , , , ,

		Related Services are specified in the Schedule of Requirements:
		1. The price of each item comprising the Related Services (inclusive of any
11		applicable taxes)
11		Currencies of Bid and Payment: The garmon excises of the hid and the garmon excises of newments shall be as
		The currency(ies) of the bid and the currency(ies) of payments shall be as
12	10.1	specified in the BDS. The Bidder shall quote in Indian Rupees.
12	12.1	Documents Establishing the Eligibility and Qualifications of the Bidder
		To establish Bidder's their eligibility, Bidders shall complete the Tender Form (Techno Commercial Un-Priced Bid & Priced Bid), included in Section-IX,
		Bidding Forms.
	12.2	The documentary evidence of the Bidder's qualifications to perform the contract
	12.2	if its bid is accepted shall establish to the Purchaser's satisfaction:
		a that, if required in the BDS, a Bidder that does not manufacture or produce
		the Goods it offers to supply shall submit the Manufacturer's Authorization
		using the form included in Section IX, Bidding Forms to demonstrate that it
		has been duly authorized by the manufacturer or producer of the Goods to
		supply these Goods in India;
		b that, if required in the BDS, in case of a Bidder not doing business within
		India, the Bidder is or will be (if awarded the contract) represented by an
		Agent in the country equipped and able to carry out the Supplier's
		maintenance, repair and spare parts-stocking obligations prescribed in the
		Conditions of Contract and/or Technical Specifications;
13	13.1	Period of Validity of Bids
		Bids shall remain valid for the period specified in the BDS after the bid
		submission deadline date prescribed by the Purchaser. A bid valid for a shorter
		period shall be rejected by the Purchaser as non –responsive.
	13.2	In exceptional circumstances, the Purchaser 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
1.4	1 4 1	required nor permitted to modify the bid.
14	14.1	Bid Security The Bidden shall forming to a great of its hid a positive as a great field in the BDS
		The Bidder shall furnish as part of its bid, a bid security, as specified in the BDS,
	14.2	in original form the amount and currency as specified in the BDS.
	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 Purchaser 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 EMD executed:

		o lift he with draws from the hid draine the maried of hid well-dity enesified has
		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 successful Bidder fails to:
		i. sign the Contract; or
	D CLIDA	ii. furnish a performance Security
	D.SUBI	MISSION AND OPENING OF BIDS
15		Sealing and Marking of Bids: The Bidder shall submit the bids electronically, through the e-procurement system (https://eprocure.gov.in/eprocure/app). 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.
16		Deadline for Submission of Bids: The Purchaser may, at its discretion, extend
10		the deadline for the submission of bids by amending the Bidding Documents, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.
17		Late Bids: 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		Withdrawal, Substitution, and Modification of Bids: 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 Purchaser.
19	19.1	Bid Opening: The Purchaser shall open the bids as per electronic bid Opening procedures specified in Central Public Procurement Portal (CPPP) at the
		date and time specified. Bidders can also view the bid opening by logging on to the e- procurement system. Specific bid opening procedures are laid down at https://eprocure.gov.in/eprocure/app under the head "Bidders 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
	10.2	shall be considered further.
	19.3	The Purchaser 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 Bidders' representatives who
		are present in the office of the Purchaser 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.
		E. Evaluation and Comparison of Bids
20	20.1	Confidentiality: Information relating to the evaluation of bids and
4 U	20.1	recommendation of contract award shall not be disclosed to bidders or any other
	<u>l</u>	recommendation of contract award shall not be disclosed to bidders of ally other

		persons not officially concerned with the bidding process until information on Contract Award is communication to all Bidders.							
	20.2	No Bidder shall contact the purchaser on any matter relating to its bid from the							
	20.2	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 Purchaser it should be done in							
		writing.							
	20.3	Any effort by a Bidder to influence the purchaser in its decisions on bid							
	20.0	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 Bidders, the Purchaser 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 Purchaser shall not be							
		considered. The Purchaser'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 Purchaser in the Evaluation of							
	21.2	the bids.							
	21.2	If a Bidder does not provide clarifications of its bid by the date and time set in							
22	22.1	the Purchaser's request for clarification its bid may be rejected. Determination of Responsiveness:							
44	22.1	The Purchaser'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 Purchaser shall examine the technical aspects of the bid submitted in							
		accordance with instructions specified in 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 Bidding Documents, it shall be							
		rejected by the Purchaser and may not subsequently be made responsive by							
22		correction of the material deviation, reservation or omission.							
23		Conversion to Single Currency: For evaluation and comparison purposes, the							
		currency(ies) of the Bid shall be converted in a single currency as specified in the BDS.							
24		Margin of Preference: Unless otherwise specified in the BDS, a margin of							
2 7		preference shall not apply.							
25	25.1	Evaluation of Bids: The Purchaser 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 Purchaser 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;							
	1	c converting the amount resulting from above, if relevant, to a single currency							
	27.2	d price adjustment due to quantifiable nonmaterial 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							
	25.4	into account in bid evaluation. The Durchaser's evaluation of a bid shall evaluate and not take into account:							
	25.4	The Purchaser's evaluation of a bid shall exclude and not take into account:							

		a In the case of Goods manufactured in the India, sales and other similar taxes,
		which will be payable on the goods if a contract is awarded to the Bidder;
		b in the case of Goods manufactured outside India, already imported or to be
		imported, customs duties and other import taxes levied on the imported
		Good, sales and other similar taxes, which will be payable on the Goods if
		the contract is awarded to the Bidder;
		c any allowance for price adjustment during the period of execution of the
		contract, if provided in the bid.
	25.5	The Purchaser'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 purchase of the Goods
		and Related Services. The effect of the factors selected, if any, shall be expressed
		in monetary terms to facilitate comparison of bids.
26		Comparison of Bids:
		The Purchaser 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 CIP-Carriage and Insurance Paid to (place of destination) prices
		for imported goods and EXW – Ex Works (named place of delivery) prices, plus
		cost of inland transportation and insurance to place of destination, for goods
		manufactured within India, together with prices for any required installation,
		training, commissioning and other services. The evaluation of prices shall not
		take into account custom duties and other taxes levied on imported goods
		quoted CIP and sales and similar taxes levied in connection with the sale or
		delivery of goods.
27	27.1	Qualification of the Bidder:
		The Purchaser 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 Purchaser shall proceed to the next lowest evaluated bid to make
		a similar determination of that Bidder's qualifications to perform satisfactorily.
28		Institutes Right to Accept any Bid and to Reject any or all bids:
		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 Bidders. In case of annulment, all bids
		submitted and specifically, bid securities, shall be promptly returned to the
		Bidders.
		F.AWARD OF CONTRACT
29		Award Criteria:
		The Purchaser 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.
30		Purchasers Right to vary Quantities at Time of Award:
		At the time the Contract is awarded, the Purchaser reserves the right to increase
		or decrease the quantity of Goods 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.						
31	31.1	Notification of Award:						
31	31.1	Prior to the expiration of the period of bid validity, the Purchaser 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 Purchaser will pay the						
		Supplier in consideration of the supply and installation of Goods (hereinafter and						
		in the Conditions of Contract and Contract Forms called "the Contract Price"). At						
		the same time, the Purchaser shall also notify all other Bidders of the results of						
		the bidding.						
	31.2	Until a formal Contract is prepared and executed, the notification of award shall						
		constitute a binding Contract.						
	31.3	The Purchaser 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	Signing of Contract:						
		Promptly after notification, the Purchaser shall send the successful Bidder the						
		Contract Agreement.						
	32.2	Within Fifteen (15) days of receipt of the Contract Agreement, the successful						
		Bidder shall sign, date, and return it to the Purchaser.						
	32.3	Notwithstanding anything contained in clause 32.2, in case signing of the						
		Contract Agreement is prevented by any export restrictions attributable to the						
		Purchaser, or to the use of the products/goods, systems or services to be						
		supplied, where such export restrictions arise from trade regulations from a						
		country supplying those products/goods, systems or services, the Bidder shall						
		not be bound by its bid, always provided however, that the Bidder can						
		demonstrate to the satisfaction of the Purchaser that signing of the Contact						
		Agreement has not been prevented by any lack of diligence on the part of the						
		Bidder in completing any formalities, including applying for permits,						
		authorizations and licenses necessary for the export of the products/goods,						
		systems or services under the terms of the Contract.						
33	33.1	Performance Security:						
		The Successful bidder has to submit Security deposit/Performance Guarantee @						
		3% order value in the form of DD/Bank Guarantee/Fixed deposit(In the name of						
		NITT) Within Fourteen (14) days of the receipt of notification of award from the						
		Purchaser, 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 Purchaser. 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 Purchaser. A foreign institution providing a bond shall						
	22.2	have a correspondent financial institution located in India.						
	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 Purchaser may						
		award the Contract to the next lowest evaluated Bidder, whose bid is						
		substantially responsive and is determined by the Purchaser to be qualified to						
		perform the Contract satisfactorily.						

Section III. BID Data Sheet (BDS)

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

Sl. No.	A. General				
1.	The reference number of the Invitation for Bids is NITT/F.NO.024/CAPEX(OH-35)/2024-25/CIVIL				
2.	The Purchaser is The Director , NIT Tiruchirappalli .				
	Kind Attention To:				
	DR.GREEGAR GEORGE, ASST. PROFESSOR,				
	DEPARTMENT OF CIVIL ENGINEERING				

Sl. No.	B. Contents of Bidding Documents						
3.	For Clarification of bid purposes only, the Purchaser's address is						
	DEPARTMENT OF CIVI	L ENGINEERING, National Institute of Technology,					
	Tiruchirappalli, 620015						
		PR.GREEGAR GEORGE, ASST. PROFESSOR, DEPARTMENT OF CIVIL ENGINEERING					
	Address : N	ational Institute of Technology, Tiruchirappalli,					
	Floor / Room number : -						
	City : T	iruchirappalli					
	ZIPCode : 620015						
	Country : In	ndia					
	Telephone : 9	4837 42674					
	E-Mail : g	reegar@nitt.edu					
4.	Web page	: https://eprocure.gov.in/eprocure/app					
5.	A site visit shall not be org	ganized by the purchaser.					
6.	A Pre-Bid meeting date and venue	: Not Applicable Not Applicable					

Sl. No.	C. Preparation of Bids
1.	The language of the bid is: English.
	All correspondence exchange shall be in English.
	Language for translation of supporting documents and printed literature is English.
2.	The Bidder shall submit the following additional documents in its bid: NA
3.	Alternative Bids shall not be considered.
4.	The prices quoted by the Bidder shall not be subject to adjustment during the performance of the Contract.
5.	Place of Destination: is National Institute of Technology, Tiruchirappalli, 620015.
6.	Final destination (Project Site): DEPARTMENT OF CIVIL ENGINEERING , National Institute of Technology, Tiruchirappalli, 620015.
7.	The prices shall be quoted by the bidder in : Indian Rupee / Foreign Currency of Principal's Country (Preferably in Indian Rupees)
	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).
8.	Manufacturer's authorization is Required
9.	After sales service is Required.
10.	The bid validity period shall be 120 days
11.	EMD / Bid security Rs.18,000/- shall be paidby the way of Demand Draft (DD) / Bank Gauarantee (BG) in favor of The Director, National Institute of Technology, Tiruchirappalli 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: NA

Sl. No.	D. Submission and Opening of Bids						
1.	Attention	: DR.GREEGAR GEORGE, ASST. PROFESSOR, DEPARTMENT OF CIVIL ENGINEERING.					
	StreetAddress	: National Institute of Technology, Tiruchirappalli,					
	City	: Tiruchirapalli					
	ZIP/PostalCode	: 620 015					
	Country	: India					
	The deadline for bid submission is:						
	Date and Time : 24-02-2025 @ 3 P.M						
	The electronic bidding opening procedures shall be as given in Section I-Instructions for Online Bid Submission.						
2.	• •	take place at: Stores and Purchase Section, National gy, Tiruchirappalli-620015.					
	StreetAddress	: National Institute of Technology, Tiruchirappalli					
	Floor / Roomnumber	: Admininstrative Block					
	City	: Tiruchirappalli					
	Country : India						
	Date and Time	: 25-02-2025@ 3 P.M					
	The electronic bidding opening procedures shall be as given in Section Instructions for Online Bid Submission.						

Sl. No.	E. Evaluation and Comparison of Bids					
1.	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:					
	Indian Rupees					
	The source of exchange rate shall be: Reserve Bank of India .					
	The date for the exchange rate shall be: Last day for submission of Bids.					
2.	A margin of domestic preference shall apply.					
3.	Evaluation will be done for concern equipment.					
	Note: Bids will be evaluated for each item and the Contract will comprise the item(s) awarded to the successful Bidder.					

Sl. No.	F. Award of Contract
4.	The maximum percentage by which quantities may be increased is :NA
	The maximum percentage by which quantities maybe decreased is:NA

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. Make in india local content declaration form.
- 5. Copy of the last three years audited balance sheet of your firm
- 6. Land border declaration form and competent authority regitration, if applicable
- 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 pricing components.
- 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 Corruptand Fraudulent Practices

Institue strictly adheres to its policy against corruption and requires that bidders and their agents, subagents, sub-contractors, suppliers 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 bidder or their agents, subagents, sub-contractors, suppliers 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 criminalproceeding. 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 anotherparty;¹
 - (ii) "Fraudulent Practices" is any act or omission including a misrepresentation which knowingly or recklessly made to mislead another party to obtain financial or other benefit or to avoid anobligation;²
 - (iii) "Collusive Practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of anotherparty;³
 - (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 aparty;⁴
 - (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,coerciveorcollusive 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 theinvestigation.
- b) Besides actions under clause (a) Institute may also take action to blacklist such bidder either indefinitely or for a specified period.

¹ 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 organizations taking or reviewing procurement decisions.

² 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.

³ 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.

⁴ 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.	List of Goods and Delivery Schedule
2.	List of Related Services and Completion Schedule
3.	Technical Specifications

1. List of Goods and Delivery Schedule

	Description of Goods	Qty	Physical unit	Final (Project Site) Destination as specified in BDS	Delivery (as per Incoterms) Date		
Item No.					Earliest Delivery Period (Weeks)	Latest Delivery Period (Weeks)	Bidder's offered Delivery period [to be provided by the bidder]
1.	SUPPLY AND INSTALLATION OF CCTV SURVEILLANCE INFRASTRUCTURE FOR CIVIL ENGINEERING	(As per the Technical Specification)	Unit	DEPARTMENT OF CIVIL ENGINEERING	2	3	

1. List of Related Services and Completion Schedule

Service	Description of Service	Quantity	Physical Unit	Place where Services shall be performed	Final Completion Date(s) of Services

TECHNICAL SPECIFICATIONS

S. No	Name of the Equipment / Goods	Qty
1	4MP AI Dome Camera	2
2	4MP Outdoor Bullets Camera	33
3	64 Channel Network Video Recorder (NVR)	1
4	12 TB Surveillance Hard disks	4
5	16-Port PoE+ Manageable Switch	4
6	UPS 1500VA	1
7	UPS 1000VA	3
8	6U Wall Mount Network Rack	4
9	55-inch 4K UHD Display	1.
10	Installation of Indoor CCTV Camera with Casing – Caping- 1 Meter	1260 meter
11	Installation of Indoor CCTV Camera with CAT6 cable laying 1 Meter	2500 meter
12	Installation of Wall Mount Network Rack	lumpsum
13	Installation of Network Video Recorder and PoE Switch	lumpsum

Name of the Equipment / Goods	4MP Outdoor Bullet Camera
Make / Model	
Image Sensor	1/3" 4MP Progressive Scan CMOS or higher
Illumination	Colour 0.003 Lux @ F1.4-2.0 range 0 Lux IR on
Shutter Speed	1/3s to 1/100,000s
Lens	2.4-3.0mm fixed
Aperture	F 1.4-2.0
Focal Length & FOV	Diagonal FOV 120° or higher
IR Range	Min 40 meter
Resolution	Min 2560 × 1440
Stream	Min 2560 × 1440@30 fps
Video Compression	H.265, H.264, H.264+, MJPEG
Video Bit Rate	Min 8Mbps
Scalable Video Coding	H.264 and H.265
Audio Type	Mono with Noise Filtering
Audio Compression	G.711, G.726 or equivalent standards
Audio Input	Min 1 Channel

	T
Settings / Functions	Anti-flicker, Mirror, Privacy mask, Pixel counter, Rotate mode, Saturation, Brightness, Contrast, Sharpness, Gain, White balance
Day/Night Switch	Auto and Schedule
Event Alarm	Motion detection human and vehicle, Abandoned/Missing objects, video tampering
Ethernet Interface	RJ45 10 M/100 M self-adaptive
On-Board Storage	Built-in memory card slot
Power Supply	DC: 12V PoE: 802.3af
Camera Body	Aluminium alloy or equivalent
Environment Protection	IP 67 or higher
Weight	Max 800g
Regulatory / Certifications	BIS
Accessories	Cables and Standard Accessories
Warranty	Min 36 Months comprehensive On-Site Warranty
Name of the Equipment / Goods	4MP AI Dome Camera
Make / Model	
Image Sensor	1/2.8" 4MP Progressive Scan CMOS or higher
Illumination	Color 0.01 Lux @ F 2.0 / 0.0005 Lux @ F 1.0 range (Lux IR on
Shutter Speed	1/3s to 1/100,000s
Lens	2.4-3.0mm fixed
Aperture	F 1.0-2.0
Focal Length & FOV	Diagonal FOV 120° or higher
IR Range	Min 30meter
Resolution	Min 1920 × 1080
Stream	Min 1920 × 1080@30 fps
Video Compression	H.265, H.264, H.264+, MJPEG
Video Bit Rate	Min 8Mbps

Smart and Intelligent Features	Should have Facial recognition / Face Capture Should have Intrusion Detection / Line Crossing alarm Should have Region Detection Should have People Counting and Period Report
Settings / Functions	Anti-flicker, Mirror, Privacy mask, Pixel counter, Rotate mode, Saturation, Brightness, Contrast, Sharpness, Gain, White balance
Day/Night Switch	Auto and Schedule
Event Alarm	Motion detection human and vehicle, Abandoned/Missing objects, video tampering
Ethernet Interface	RJ45 10 M/100 M self-adaptive
Power Supply	DC: 12V PoE: 802.3af
Environment Protection	IP 67 or higher
Camera Protection	Vandal Proof
Weight	Max 800g
Regulatory / Certifications	BIS
Accessories	Cables and Standard Accessories
Accessories Warranty	Cables and Standard Accessories Min 36 Months comprehensive On-Site Warranty
Warranty	Min 36 Months comprehensive On-Site Warranty
Warranty Name of the Equipment / Goods	Min 36 Months comprehensive On-Site Warranty
Warranty Name of the Equipment / Goods Make / Model	Min 36 Months comprehensive On-Site Warranty 64 Channel Network Video Recorder (NVR)
Warranty Name of the Equipment / Goods Make / Model IP video input	Min 36 Months comprehensive On-Site Warranty 64 Channel Network Video Recorder (NVR) 64-Channel
Warranty Name of the Equipment / Goods Make / Model IP video input Camera MP Compatibility	Min 36 Months comprehensive On-Site Warranty 64 Channel Network Video Recorder (NVR) 64-Channel 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P or Higher People counting camera ANPR camera Fisheye camera
Warranty Name of the Equipment / Goods Make / Model IP video input Camera MP Compatibility Camera Types Compatibility	Min 36 Months comprehensive On-Site Warranty 64 Channel Network Video Recorder (NVR) 64-Channel 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P or Higher People counting camera ANPR camera Fisheye camera Multi Brand IP Cameras Min 1 Channel Video Stream Facial recognition Min 3 Channel Picture Facial recognition Should have Intrusion Detection / Line Crossing alarm Should have an Intelligent Search Picture
Warranty Name of the Equipment / Goods Make / Model IP video input Camera MP Compatibility Camera Types Compatibility Smart and Intelligent Features	Min 36 Months comprehensive On-Site Warranty 64 Channel Network Video Recorder (NVR) 64-Channel 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P or Higher People counting camera ANPR camera Fisheye camera Multi Brand IP Cameras Min 1 Channel Video Stream Facial recognition Min 3 Channel Picture Facial recognition Should have Intrusion Detection / Line Crossing alarm Should have an Intelligent Search Picture Should support face capture IP cameras
Warranty Name of the Equipment / Goods Make / Model IP video input Camera MP Compatibility Camera Types Compatibility Smart and Intelligent Features Trigger Functions	Min 36 Months comprehensive On-Site Warranty 64 Channel Network Video Recorder (NVR) 64-Channel 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P or Higher People counting camera ANPR camera Fisheye camera Multi Brand IP Cameras Min 1 Channel Video Stream Facial recognition Min 3 Channel Picture Facial recognition Should have Intrusion Detection / Line Crossing alarm Should have a Target Search feature Should have an Intelligent Search Picture Should support face capture IP cameras Recording, PTZ, Email, FTP, Zoom, Tracking
Warranty Name of the Equipment / Goods Make / Model IP video input Camera MP Compatibility Camera Types Compatibility Smart and Intelligent Features Trigger Functions Stream Security	Min 36 Months comprehensive On-Site Warranty 64 Channel Network Video Recorder (NVR) 64-Channel 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P or Higher People counting camera ANPR camera Fisheye camera Multi Brand IP Cameras Min 1 Channel Video Stream Facial recognition Min 3 Channel Picture Facial recognition Should have Intrusion Detection / Line Crossing alarm Should have an Intelligent Search Picture Should support face capture IP cameras Recording, PTZ, Email, FTP, Zoom, Tracking TLS encryption or better

Decoding Capability	Min 64-ch @ 1080p 30 fps
Audio Compression	G.722, G.726, MP2, AAC
Remote User Access	Min 128
Network protocol	TCP/IP, IPv4, IPv6, DNS, DHCP, DDNS, NTP, RTSP SMTP, SNMP, UPnP, HTTP, HTTPS, ONVIF
Network interface	Min 2x RJ-45 10/100/1000 Mbps self-adaptive
Backup Mode	USB Device, Network, eSATA Device
SATA	Min 8x SATA interfaces
RAID	RAID5, RAID6, RAID10
eSATA	Min 1x eSATA interface
USB interface	Min 2x USB 3.0, Min 2x USB 2.0
Alarm	Min 16-Ch Alarm In Min 8-Ch Alarm Out
Power supply	Min 1x 100 to 240 VAC, 50 ~ 60 Hz
Chassis	Max 3U Size
Name of the Equipment / Goods	12 TB Surveillance Hard disks
Make / Model	
Capacity	12 TB
Туре	Internal
Form Factor	3.5
Interface	SATA 6 Gb/s
Recording technology	CMR
Cameras Support	Min 64
AI Channels / Streams	Min 32
Data Transfer Rate	Min 245 MB/s
Cache	Min 256 MB
Load/Unload Cycles	Min 600,000
Workload Rate	Min 550 TB/year
MTBF	Min 2,000,000 hours
Warranty	Min 60 Months comprehensive On-Site Warranty
Name of the Equipment / Goods	16-Port PoE+ Manageable Switch
Make / Model	Min 16× 10/100/1000 Mbps

	Min 2x Gigabit SFP Slots
PoE Ports	Min 16x PoE+ RJ45 Ports
PoE Power	Min 250W
PoE Standard	802.3at/af
Standards and Protocol Support	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3: IEEE 802.3af, IEEE 802.3at, IEEE 802.1q, IEEE 802.
Fans	Min 2x Fans
Switching Capacity	Min 36 Gbps
Packet Forwarding Rate	Min 24 Mbps
MAC Address Table	Min 8K V4
Packet Buffer Memory	Min 4 Mbit
	Bandwidth Control Min 16x IP Interfaces Min 32x Static Routing
Software Feature	DHCP Relay DHCP Snooping Link Aggregation Loopback Detection Mirroring Min 4K VLAN Groups 802.1Q tag VLAN 802.1X Port-based authentication IP/IPv6-MAC Binding DHCP Snooping IP/Port/MAC-based access control Automatic Device Discovery Network Monitoring Event Warnings Web-based GUI Command Line Interface (CLI)
Management	DHCP Snooping Link Aggregation Loopback Detection Mirroring Min 4K VLAN Groups 802.1Q tag VLAN 802.1X Port-based authentication IP/IPv6-MAC Binding DHCP Snooping IP/Port/MAC-based access control Automatic Device Discovery Network Monitoring Event Warnings Web-based GUI Command Line Interface (CLI) SNMPv1/v2c/v3 Cloud Access through OEM Software Controller
	DHCP Snooping Link Aggregation Loopback Detection Mirroring Min 4K VLAN Groups 802.1Q tag VLAN 802.1X Port-based authentication IP/IPv6-MAC Binding DHCP Snooping IP/Port/MAC-based access control Automatic Device Discovery Network Monitoring Event Warnings Web-based GUI Command Line Interface (CLI) SNMPv1/v2c/v3
Management	DHCP Snooping Link Aggregation Loopback Detection Mirroring Min 4K VLAN Groups 802.1Q tag VLAN 802.1X Port-based authentication IP/IPv6-MAC Binding DHCP Snooping IP/Port/MAC-based access control Automatic Device Discovery Network Monitoring Event Warnings Web-based GUI Command Line Interface (CLI) SNMPv1/v2c/v3 Cloud Access through OEM Software Controller
Management Mount Compatibility	DHCP Snooping Link Aggregation Loopback Detection Mirroring Min 4K VLAN Groups 802.1Q tag VLAN 802.1X Port-based authentication IP/IPv6-MAC Binding DHCP Snooping IP/Port/MAC-based access control Automatic Device Discovery Network Monitoring Event Warnings Web-based GUI Command Line Interface (CLI) SNMPv1/v2c/v3 Cloud Access through OEM Software Controller Rack Mounted
Management Mount Compatibility Power supply	DHCP Snooping Link Aggregation Loopback Detection Mirroring Min 4K VLAN Groups 802.1Q tag VLAN 802.1X Port-based authentication IP/IPv6-MAC Binding DHCP Snooping IP/Port/MAC-based access control Automatic Device Discovery Network Monitoring Event Warnings Web-based GUI Command Line Interface (CLI) SNMPv1/v2c/v3 Cloud Access through OEM Software Controller Rack Mounted Min 1x 100 to 240 VAC, 50 ~ 60 Hz

Topology	Line Interactive
Output Power Capacity	Minimum 865W or above / 1.5kVA
Outlets / Sockets	Minimum 4 numbers of battery backup output connection Sockets (Type: India 3-pin 6A) & 2 numbers of SurgeProtection Socket (Type: India 3-pin 6A)
Cabling Provision	Min 2x 1-inch holes for cable connectivity
Input Power Connection Type	India 3-pin 6A or 16A
Battery	Minimum 2 number of 12V / 9AH Sealed Lead-Acid inbuilt Battery
Interfaces	RJ45 Communication Interface
Features	Surge Protected outlets, LCD Graphics Display with Control Console, Automatic Voltage Regulation, Automatic Self-test, Battery failure notification, Battery replacement without tools, Hot-swappable batteries, Audible Alarm Feature, Intelligent Battery Management, Generator Compatibility, Circuit Breaker Reset Switch.
Compliance	Quoted UPS should have BIS Compliance
Supply package includes	Required input utility Power Cable, RJ45-USB/RS232 Communication Cable.
Warranty	Min 24 Months comprehensive On-site Warranty (including battery)
Name of the Equipment / Goods	UPS 1000VA
Make / Model	
Topology	Line Interactive
Output Power Capacity	Minimum 650W or above / 1kVA
Outlets / Sockets	Minimum 3 numbers of battery backup output connections Sockets (Type: India 3-pin 6A) & 1 number of Surge Protection Socket (Type: India 3-pin 6A)
Input Power Connection Type	India 3-pin 6A or 16A
Battery	Minimum 2 number of 12V / 7AH Sealed Lead-Acid inbuilt Battery
Features	Surge-protected outlets, Automatic Voltage Regulation, Automatic Self-test, Battery failure notification, Audible Alarm Feature, Intelligent Battery Management, GeneratorCompatibility, Circuit Breaker Reset Switch.
	Quoted UPS should have BIS Compliance
Compliance	Quotes et a should have 210 comprise
Compliance Supply package includes	Required input utility Power Cable

8.	Name of the Equipment / Goods	6U Wall Mount Network Rack	
	Make / Model		
	Rack	Height 6U Wall Mount Rack Cabinet [Two Sections]-GlassDoor trims powder coated, (Width: 550mm, Depth: 600mm &depth of the rack should not be compromised), AC Power Distribution (5 Nos of 6 Amps socket), front panel mounting hardware.	
	Warranty	Min 36 Months comprehensive On-Site Warranty	
9.	Name of the Equipment / Goods	55-inch 4K UHD Display	
	Video		
	Display Panel Type	QLED	
	Screen Size	Min 55 inch	
	Bezel Type	Should have 3 sides Bezel-less design	
	Resolution	Min 3840 x 2160	
	Refresh Rate	Min 60Hz	
	Colour	Min One Billion	
	HDR	HDR 10 or Higher	
	Audio		
	Sound Output	Min 20W	
	Speaker Type	Min 2 Channel	
	Surround Feature	Dolby Digital or Equivalent	
	Bluetooth Audio Playback	2 Way Playback	
	Smart Features		
	Operating System	Google TV / Android 10 or the latest	
10.	Name of the Work	Installation of Indoor CCTV Camera with Casing- Caping and CAT6 cable laying 1 Meter	
	Length	Minimum 1 Meter	
	Casing	1-inch ISI PVC	
	CAT 6 Cable	UTP CAT6 as per EIA / TIA CAT 6 channel performance {Solid Cable Cat 6, 4 pair, 23 AWG LSZH ETL tested up to 700 MHz UTP} Enclose ETL tested Certificate	
		clamp/screw fixing the Casing and Capping. mounting, screws, clamps, RJ45 Connector and accessories.	
11.	Name of the Work	Installation of Wall Mount Network Rack	
	Should Install the Racks at the proposed location. Installation covers drilling, mounting, and fixing the Rack.		
12.	Name of the Work	Installation of Network Video Recorder and PoE Switch	
	Should Install and Configure Network Video Recorder and PoE Switch at the proposed locati Installation covers IP Address Configuration, HDD Storage Installation, and PoE Switch Configurationwith uplink and cameras.		

Installation Required	YES
Warranty (in months)	warranty details enclosed in Annexure
AMC Required	No
Delivery Period (Weeks)	2 -3 weeks
Shipment Terms	Up to NIT, Tiruchirappalli
EMD	Rs. 18,000 /-
Payment Term	100% payment after satisfactory delivery / Installation
Performance Security	3%

Note:

- 1) Technical Specification should be duly filled by the bidder no fields were left blank and appropriate value will be filled. (don't fill it as Yes complied or Yes).
- 2) A separate excel worksheet (TEC---1920.xls) is available in the tender document, the same to be filled in and uploaded along with the tender document.

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.	Supplier'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

	Section VII General Conditions of Contract		
1	1 Definitions: The following words and expressions shall have the meanings here 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.	
	С	"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.	
	1	"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.	
	0	"The Project Site," where applicable, means the place named in the SCC.	

2		ct Documents:
	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,	
		tually explanatory. The Contract Agreement shall be read as a whole.
3		t and Fraudulent Practices:
		stitute requires compliance with its policy against the corrupt and fraudulent
		s as set forth Section- V The Purchaser requires the Supplier to disclose any
		sions or fees that may have been paid or are to be paid to agents or any other party
		spect to the bidding process or execution of the Contract. The information
		ed must include the name and address of the agent or other party, the amount and
4		y, and the purpose of the commission, gratuity or fee.
4		retation The Contract constitutes the entire component between the Durcheson and the
	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
	4.2	of Contract. Amendment
	4.2	No amendment or other variation of the Contract shall be valid unless it is reduced
		o writing, dated, expressly refers to the Contract, and is signed by the duly
		nuthorized representative of each party thereto.
	4.3	Non waiver
	4.3	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.
		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	Severability:
		f any provision or condition of the Contract is prohibited or rendered invalid or
		menforceable, such prohibition, invalidity or unenforceability shall not affect the
		validity or enforceability of any other provisions and conditions of the Contract.
5	5.1	Language:
		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
		he Contract may be in any language provided they are accompanied by an accurate
		ranslation of the relevant passages in the language specified, in which case, for
		ourposes 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.
6		Joint Venture, Consortium or Association:
		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
		oind 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 Durchesor
7	7.1	without the prior consent of the Purchaser.
'	/.1	Eligibility: 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
	7.4	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
	7.5	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
8	8.1	characteristics from its components. Notices Any notice given by one party to the other pursuant to the Contract shall
O	0.1	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,
	0.2	whichever is later.
9	9.1	Governing Law:
9	9.1	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
	7.2	import of goods and services prohibitions in India when
		a Throughout the execution of the Contract, the Contractor shall comply with
		the import of goods and services prohibitions in India when
		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.
10	10.1	Settlement of Disputes
		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.
11		Obligations During Arbitrations
		Notwithstanding any reference to arbitration in Clause 10,
		a the parties shall continue to perform their respective obligations under the

		Contract unless they otherwise agrees and	
		Contract unless they otherwise agree; and b the Purchaser shall pay any amount due to the Supplier.	
12			
14		Scope of Supply The Goods and Related Services to be supplied shall be as specified in the	
		11	
12		Schedule of Requirements.	
13		Delivery and Documents	
		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	
1.4		other documents to be furnished by the Supplier are specified in the SCC.	
14		Suppliers Responsibilities	
		The Supplier 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	
1.5		Schedule, as per GCC Clause 13.	
15		Contract Price	
		Prices charged by the Supplier for the Goods supplied and the	
		Related Services performed under the Contract shall not vary from the prices	
		quoted by the Supplier in its bid, with the exception of any price adjustments	
16	16.1	authorized in the SCC.	
16	16.1	Terms of Payment	
		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. However, in following cases advance payments may be made if specified in SCC:	
		a Advance payment demanded by firms holding maintenance contracts for	
		servicing of Air-conditioners, HIGH-END AIO COMPUTERSs, other costly equipment, etc.	
		b Advance payment demanded by firms against fabrication contracts, turnkey	
		contracts etc.	
		c Such advance payment should not exceed the following limits: -	
		Thirty percent of the contract value to private firms;	
		d Forty percent of the contract value to a State or central Government agency or	
		a Public Sector Undertaking; or	
		e In case of maintenance contract, the amount should not exceed the amount	
		payable for six months under the contract.	
	16.2	The Supplier's request for payment shall be made to the Purchaser in writing,	
	10.2	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	
	10.5	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.	
17	17.1	Taxes and Duties	
		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.	
	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.	
	1		

	17.0	
	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.
18	18.1	Performance Security:
		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
	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.
19		Copyright
		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.
20	20.1	Confidential Information
		The Purchaser and the Supplier 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 Supplier may furnish to its Subcontractor such documents, data, and
		other information it receives from the Purchaser to the extent required for the
		Subcontractor to perform its work under the Contract, in which event the Supplier
		shall obtain from such Subcontractor an undertaking of confidentiality similar to
_		that imposed on the Supplier under GCC Clause 20.
	20.2	The Purchaser shall not use such documents, data, and other information received
		from the Supplier for any purposes unrelated to the contract. Similarly, the
		Supplier shall not use such documents, data, and other information received from
		the Purchaser 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:
		a Now or hereafter enters the public domain through no fault of that party;
1		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
		party; or

	20.4	The above provisions of CCC Clause 20 shall not in any year modify any
	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
	20.5	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
21	21.1	whatever reason, of the Contract.
21	21.1	Subcontracting
		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,
	21.2	duties, responsibilities, or liability under the Contract.
	21.2	Subcontracts shall comply with the provisions of GCC Clauses 3 and 7.
22	22.2	Specifications and Standards
		Technical Specifications and Drawings
		a 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.
		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
		Requirements. During Contract execution, any changes in any such codes and
		standards shall be applied only after approval by the Purchaser and shall be
22	22.1	treated in accordance with GCC Clause 33.
23	23.1	Packaging and Documents The Symplica shell provide such positive of the Coods as is required to prevent
		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.
	23.2	The packing, marking, and documentation within and outside the packages shall
	23.2	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
	4	in any other instructions ordered by the Purchaser.
24		Insurance
		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.
25	25.1	Transportation and Incidental Services
		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)
	25.2	The Supplier may be required to provide any or all of the following services,

		including additional services, if any, specified in SCC:
		a performance or supervision of on-site assembly and/or start up of the supplied
		Goods;
		b furnishing of tools required for assembly and/or maintenance of the supplied
		Goods;
		c furnishing of a detailed operations and maintenance manual for each
		appropriate unit of the supplied Goods;
		d performance or supervision or maintenance and/or repair of the supplied
		Goods, for a period of time agreed by the parties, provided that this service
		shall not relieve the Supplier of any warranty obligations under this Contract;
		and
		training of the Purchaser's personnel, at the Supplier's plant and/or on-site, in
		assembly, start-up, operation, maintenance, and/or repair of the supplied
		Goods.
	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.
26	26.1	Inspections and Tests
		The Supplier shall at its own expense and at no cost to the Purchaser carry out all
		such tests and/or inspections of the Goods and Related Services as are specified in
		the SCC.
	26.2	The inspections and tests may be conducted on the premises of the Supplier or its
		Subcontractor, at point of delivery, and/or at the Goods' final destination, or in
		another place in India as specified in the SCC. Subject to GCC Sub-Clause 26.3, if
		conducted on the premises of the Supplier or its Subcontractor, all reasonable
		facilities and assistance, including access to drawings and production data, shall be
	2	furnished to the inspectors at no charge to the Purchaser.
	26.3	The Purchaser or its designated representative shall be entitled to attend the tests
		and/or inspections referred to in GCC Sub-Clause 26.2, provided that the Purchaser
		bear all of its own costs and expenses incurred in connection with such attendance
		including, but not limited to, all traveling and board and lodging expenses.
	26.4	Whenever the Supplier is ready to carry out any such test and inspection, it shall
		give a reasonable advance notice, including the place and time, to the Purchaser.
		The Supplier shall obtain from any relevant third party or manufacturer any
		necessary permission or consent to enable the Purchaser or its designated
		representative to attend the test and/or inspection.
	26.5	The Purchaser may require the Supplier to carry out any test and/or inspection not
	20.3	required by the Contract but deemed necessary to verify that the characteristics and
		performance of the Goods comply with the technical specifications codes and
		standards under the Contract, provided that the Supplier's reasonable costs and
		expenses incurred in the carrying out of such test and/or inspection shall be added
		to the Contract Price. Further, if such test and/or inspection impedes the progress of
		manufacturing and/or the Supplier's performance of its other obligations under the
		Contract, due allowance will be made in respect of the Delivery Dates and
		Completion Dates and the other obligations so affected.
	26.6	The Supplier shall provide the Purchaser with a report of the results of any such
	20.0	test and/or inspection.
	26.7	The Purchaser may reject any Goods or any part thereof that fail to pass any test
	20.7	The furchaser may reject any coods of any part thereof that ran to pass any test

		and/an inspection on do not conform to the analisations. The Counties if
		and/or inspection or do not conform to the specifications. The Supplier, if
		permitted by the purchaser, shall either rectify or replace such rejected Goods or
		parts thereof or make alterations necessary to meet the specifications at no cost to
		the Purchaser, and shall repeat the test and/or inspection, at no cost to the
		Purchaser, upon giving a notice pursuant to GCC Sub-Clause 26.4.
27		Liquidated Damages
		Except as provided under GCC Clause 32, if the Supplier fails to deliver any or
		all of the Goods by the Date(s) of delivery or perform the Related Services within
		the period specified in the Contract, the Purchaser 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 delivered
		price of the delayed Goods or unperformed Services for each week or part
		thereof of delay until actual delivery or performance, up to a maximum deduction
		of the percentage specified in those SCC. Once the maximum is reached, the
		Purchaser may terminate the Contract pursuant to GCC Clause 33.
28	28.1	Warranty
		The Supplier warrants that all the Goods are new, unused, and of the most recent or
		current models, and that they incorporate all recent improvements in design and
		materials, unless provided otherwise in the Contract.
	28.2	Subject to Sub-Clause 22.1(b) of GCC, the Supplier further warrants that the
		Goods shall be free from defects arising from any act or omission of the Supplier
		or arising from design, materials, and workmanship, under normal use in the
		conditions prevailing in India.
	28.3	Unless otherwise specified in the SCC, the warranty shall remain valid for
		enclosed in annexure after the Goods, or any portion thereof as the case may be,
		have been delivered to and accepted at the final destination indicated in the SCC,
		or warranty period mentioned by supplier whichever period concludes later unless
		mutually agreed.
	28.4	The Purchaser shall give notice to the Supplier stating the nature of any such
		defects together with all available evidence thereof, promptly following the
		discovery thereof. The Purchaser shall afford all reasonable opportunity for the
		Supplier to inspect such defects.
	28.5	Upon receipt of such notice, the Supplier shall, within the period specified in the
		SCC, expeditiously repair or replace the defective Goods or parts thereof, at no
		cost to the
	20.5	Purchaser.
	28.6	If having been notified, the Supplier fails to remedy the defect within the period
		specified in the SCC; the Purchaser may proceed to take within a reasonable period
		such remedial action as may be necessary, at the Supplier's risk and expense and
		without prejudice to any other rights which the Purchaser may have against the
29	29.1	Supplier under the Contract.
49	<i>27.</i> 1	Patent Indemnity The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause
		29.2, indemnify and hold harmless the Purchaser and its employees and officers
		from and against any and all suits, actions or administrative proceedings, claims,
		demands, losses, damages, costs, and expenses of any nature, including attorney's
		fees and expenses, which the Purchaser may suffer as a result of any infringement
		or alleged infringement of any patent, utility model, registered design, trademark,
		copyright, or other intellectual property right registered.
	29.2	If any proceedings are brought or any claim is made against the Purchaser arising
<u> </u>	49.4	in any proceedings are brought of any craim is made against the Purchaser arising

		out of the motters referred to in CCC Cub Clause 20.1 the Durcheson shall
		out of the matters referred to in GCC Sub-Clause 29.1, the Purchaser shall
		promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any
		negotiations for the settlement of any such proceedings or claim.
	29.3	The Purchaser shall, at the Supplier's request, afford all available assistance to the
	29.3	Supplier in conducting such proceedings or claim, and shall be reimbursed by the
		Supplier for all reasonable expenses incurred in so doing.
30	30.1	Force Majeure
30	30.1	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
	30.2	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	The Supplier shall not be liable for forfeiture of its Performance Security,
		liquidated damages, or termination for default if and to the extent that it's delay in
		performance or other failure to perform its obligations under the Contract is the
		result of an event of Force Majeure.
31	31.1	Change Orders and Contract Amendments
		The Purchaser may at any time order the Supplier 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:
		a drawings, designs, or specifications, where Goods to be furnished under the
		Contract are to be specifically manufactured for the Purchaser;
		b the method of shipment or packing;
		c the place of delivery; and
		d the Related Services to be provided by the Supplier.
32	32.1	Extensions of Time
		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
	32.2	amendment of the Contract.
	34.4	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.
33	33.1	Termination for Default
		The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole
		or in part:

		a	if the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause32;		
		b	if the Supplier fails to perform any other obligation under the Contract; or		
		С	if the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in GCC Clause 3, in competing for or in executing theContract		
		In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 33.1(a), the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.			
	33.2	Tei	rmination for Insolvency		
		The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser.			
	33.3	Tei	rmination for Convenience		
		a	The Purchaser, by notice sent to the Supplier, 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 Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.		
		b	The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect: (i) to have any portion completed and delivered at the Contract terms and prices; and/or		
			(ii) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.		
		Assignment			
34		Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.			
35		If there is a discrepancy between unit price, the unit price will be consideed. If there is any mismatch between figure and word, the amount in word shall prevail.			
36		If any arithmetic mistake in total/GST calculation is observed, the same shall be corrected by the purchaser with an initimation to bidder.			
37			s submitted without EMD(Unless exempted) will be treated as disqualified.		
38		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.			
39		Ma PU I	ke in India clause, applicable as per Govt. of India norms. (ANNEXURE- C) BLIC PROCUREMENT (PREFERENCE TO MAKE IN INDIA), ORDER: Dlic 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.

"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.

- i) Class I local supplier has local content equal to more than 50%
- ii) Class II local supplier has local content more than 20% but less than 50%
- iii) Non –local supplier has local content less than or equal to 20%

Verification of Local Content: 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 submit a certificate towards percentage of local content from the authorities as stated in the aforesaid order in the technical bid itself.

Only Class-I local and Class-II local suppliers are eligible for participating in this tender.

The margin of purchase preference shall be 20%.

Preference to Make In India products (For bids < 200 Crore): 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.

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.

40	LAND BORDER DECLARATION CERTIFICATE (ANNEXURE- D) Restrictions on procurement from Bidders 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 bidders.
41	Bids without quoting GST(unless exempted) will be considered as disqualified, unless specified in the tender document to quote only the basic price.

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.

GCC	SCC			
Clause				
Ref. No.				
GCC 1.1 (i)	The Purchaser's country is: India.			
GCC 1.1 (k)	The Purchaser is: THE DIRECTOR, NIT TIRUCHIRAPPALLI			
	KIND ATTENTION TO: DR.GREEGAR GEORGE,			
	ASST. PROFESSOR, DEPARTMENT OF CIVIL ENGINEERING			
GCC 1.1 (j)	The Project Site(s)/Final Destination(s) is/are: DEPARTMENT OF CIVIL, NIT TIRUCHIRAPPALLI.			
GCC 5.1	The language shall be: English			
GCC 8.1	For notices, the Purchaser's address shall be:			
	Attention : DR.GREEGAR GEORGE, ASST. PROFESSOR			
	Street Address : DEPARTMENT OF CIVIL ENGINEERING			
	Floor/ Room number :-			
	City : TIRUCHIRAPPALLI			
	ZIP Code : 6 2 0 0 1 5 Country : India			
	Country : India Phone : 94837 42674			
	Electronic mail address: greegar@nitt.edu			
	Zicourome mun uddress i groogur o munedu			
GCC 9.1	The governing law shall be the law of India .			
GCC 10.2	The rules of procedure for arbitration proceedings pursuant to GCC Clause 10.2			
	shall be as follows: Contracts with Supplier for arbitral proceeding			
	In the case of a dispute between the Purchaser and a Supplier, 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.			
GCC 13.1	Details of Shipping and other Documents to be furnished by the Supplier are:			
	(i) An airway bill			
	(ii) Insurance Certificate,			
	(iii) Manufacturer's or Supplier's Warranty Certificate,			
	(iv) Inspection Certificate issued by nominated inspection agency,(v) Supplier's factory shipping details etc.			
	(v) Supplier's factory shipping details etc.(vi) The above documents shall be received by the Purchaser before arrival of			
	the Goods and, if not received, the Supplier will be responsible for any			
	consequent expenses.			
GCC 15.1	The prices charged for the Goods supplied and the related Services			
	performed shall not be adjustable.			
GCC 16.1	GCC 16.1—The method and conditions of payment to be made to the Supplier			
	under this Contract shall be as follows:			
	Downant for Coods supplied from abused			
	Payment for Goods supplied from abroad :			

	Payment of foreign currency portion shall be made in Indian Rupees in the
	following manner:
	(i) On Shipment & Delivery: Ninety (90%) percent of the Contract Price of
	the Goods shipped shall be paid through irrevocable confirmed letter of
	credit opened in favor of the Supplier in a bank in its country, upon receiving
	equipment in good condition and documents specified in GCC Clause 13.1
	under Section-VII.
	(i) On Acceptance: Remaining (10%) percent of the Contract Price of
	Equipment received shall be paid within thirty (30) days of receipt of the
	equipment upon submission of claim supported by the acceptance certificate
	issued by the Purchaser by bank draft/wire transfer.
	Payment of local currency portion shall be made in Indian Rupees within thirty
	(30) days of presentation of claim supported by a certificate from the Purchaser
	declaring that the Goods have been delivered and that all other contracted
	Services have been performed. Payment for Goods and Services supplied from within India:
	Payment for Goods and Services supplied from within India shall be made in
	Indian Rupees, as follows:
	(i) On Delivery, Acceptance and Installation and Commissioning: Hundred
	(100%) percent of the Contract Price shall be paid on receipt of the Goods in
	good conditions, acceptance and satisfactory installation & commissioning
	certificate provided by the Purchase Initiator, and acceptance certificate for
	satisfactory installation and functioning.
GCC 18.1	A Performance Security shall be required @ 3% of contract price.
GCC 18.3	If required, the Performance Security shall be in the form of: Bank
	Guarantee/Bank Deposit Reciept/Demand Draft
	If required, the Performance security shall be denominated in Indian Rupees .
GCC 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.
GCC 24.1	The insurance coverage shall be as specified in the Incoterms .
	If not in accordance with Incoterms , insurance shall be as follows: NA
GCC 25.1	Responsibility for transportation of the Goods shall be as specified in the
	Incoterms.
	If not in accordance with Incoterms , responsibility for transportations shall be as
GCC 25.2	follows: NA
GCC 25.2	Incidental services to be provided are: Selected services covered under GCC Clause 25.2 and/or other should be specified
	with the desired features. The price quoted in the bid price or agreed with the
	selected Supplier shall be included in the Contract Price.
GCC 26.1	The inspections and tests shall be: Equipment should be installed at site by
000 20,2	designated engineer of the firm. Demonstration should be made to the satisfaction
	of the P.I. At least four free visits should be made by the engineer during the first
	year after installation to clarify and rectify any doubts or problems as may be
	faced by the user.
GCC 26.2	The Inspections and tests shall be conducted at the Department where the
	equipment is installed. For the rest please refer to GCC 26.1.
GCC 27.1	The liquidated damage shall be: 0.5% per week
GCC 27.1	The maximum amount of liquidated damages shall be: 5%
GCC 28.3	The period of validity of the Warranty shall be enclosed in annexure from date of
	acceptance/ satisfactory installation of the equipment.

For purposes of the Warranty, the place(s) of final destination(s) shall be the Department where the equipment is installed.

The Supplier shall, in addition, comply with the performance and/or consumption guarantees specified under the Contract (**if any**). If, for reasons attributable to the Supplier, these guarantees are not attained in whole or in part, the Supplier shall, at its discretion, either:

- (a) make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests in accordance with SCC 4, **or**
- (b) pay liquidated damages to the Purchaser with respect to the failure to meet the contractual guarantees. The rate of these liquidated damages shall be **0.5% per week** of actual value of the equipment (maximum 5%).

GCC 28.5 The period for repair or replacement shall be:10 days

Part-4 Bidding Forms & Contract Forms

Section IX : Bidding Forms

Table of Forms

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

Annexure-A

TenderForm

(Techno commercial un-priced Bid)
(On the letter head of the firm submitting the bid)

Tender No.

	То
	The
Dear	r Sir,
1.	I/We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions toBidders;
2.	I/We meet the eligibility requirements and have no conflict of interest;
3.	I/We have not been suspended nor declared ineligible inIndia;
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 thetender.
6.	I/we shall be bound by a communication of acceptance issued byyou.
7.	I/We have understood the Instruction to bidders 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 andrequirements.
8.	A crossed Bank Draft in favor of the Director, National Institute of Technology, Tiruchirappalli for Rs(Rupeesonly) as Earnest Money is enclosed. The Draft is drawn onBank 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
	55

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 ordersuppliers.
- (h) Statement of deviations from financial terms & conditions, ifany.
- (i) Any other enclosure. (Please givedetails)
- 10. We undertake to execute all orders which have been placed to meet emergent requirements on priority basis.
- 11. Certified that the bidderis:
 - (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 invariable be duly attested by the person authorized to sign the biddocument).

- 12. We do hereby undertake that, until a formal notification of award, this bid, together with your written acceptance thereof shallconstitute 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			
NSIC / MSME REGISTERED BIDDERS DETAILS (IF APPLICABLE) [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 Ceriticate			
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	:	. (0)	
*: 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)

То		
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.
- 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 ofQuantity-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 commissionor 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,

\mathbf{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 ofattorney,

\mathbf{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 dayof	
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 04TH JUNE, 2020 AND SUBSEQUENT ORDER(S)

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

Note:

- 1. Bidders 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 D	Department of Expenditure's (DoE) Public Procurement Division
Order (Public procurement no 1, 2 & 3 vide	e 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 b	be considered for this tender.
OR	
b) From such country, has been registered v	with the competent authority and eligible to be considered for this
tender. (Evidence of valid registration by the	ne 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.]

Dat	e : [insert date (as day, month and year) of Bid Submission]
AD	VT. No. : [insert number of bidding process]
Alte	ernative No.: [insert identification No if this is a Bid for an alternative]
	Pageofpages
1.	Bidder's Name [insert Bidder's legal name]
2.	In case of JV, legal name of each member: [insert legal name of each member in JV]
3.	Bidder's actual or intended country of registration: [insert actual or intended country of registration]
4.	Bidder's year of registration: [insert Bidder's year of registration]
5.	Bidder's Address in country of registration: [insert Bidder's legal address in country of registration]
6.	Bidder's Authorized Representative InformationName : [insert
	Authorized Representative's name] Address:[insert Authorized
	Representative's Address]
	Telephone/Fax numbers: [insert Authorized Representative's telephone/fax numbers]
	Email Address: [insert Authorized Representative's email address]
1.	Attached are copies of original documents of [check the box(es) of the attached original
	documents]
	Articles of Incorporation (or equivalent documents of constitution or association), and/or
	documents of registration of the legal entity namedabove.
	☐ In case of JV, letter of intent to form JV or JVagreement.
	☐ In case of Government-owned enterprise or institution, documents establishing:
	Legal and financialautonomy
	Operation under commerciallaw
	• Establishing that the Bidder is not dependent agency of the Purchaser
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 the Contract.

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 submitted for the Tender / Quotation.

Sir / Madam,

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

Tender / Quotation Reference No	
EMD amount	
DD Number	
DD issued Bank	
Date of DD	

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

Account Name	
Bank Account Number	
IFSC code	
Bank	

Signature with Seal and Date

ANNEXURE- H

MANDATE FORM FOR ELECTRONIC FUND TRANSFER/RTGS TRANSFER

То										Dat	te:	/	/			
Na	e Director, tional Institute uchirappalli –															
Sul				se of paym Electronic									of '	Tech	nolo	ogy,
	Name of the	-		Company	/ Ins	stitute	Э	:								
2.	Address of t	the Par	ty					:								
3.	City			_Pin Code	-											
4.	E-Mail	M	obile No):				_								
5.	Permanent .	Accour	t Numb	er												
	Particulars of					\										
Ο.	T artioulare (or Barni	•													
	Bank Name	:			Е	Branc	h Na	ame								
	PIN Code:					Branch Code:										
		1 1' '4	1 1													
	IFS Code:(1	I digit a	alpha nui	meric code)											
	Account Ty	pe	Saving	S		Cu	rren	t			C	Cash	Cre	dit		
	Account Nu	mber:														
				>												
						NOITA										
del Dir adv	ereby declare ayed and not rector, Nation vise any chan repose of credit	effected al Instit ge in t	for reasute of The partic	sons of inc echnology culars of n	ompl Tiru ny ao	lete o ichira ccou	or in appa nt to	corr lli 1 o fa	ect espo	info onsil	rma ble.	tion I al	Ιsh so ι	nall r unde	not h rtake	old e to
I	Place:		Da	te: _												

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:	
			_				
			_				
			_				
			_			<u> </u>	\
			_				
Sub: A	cceptance of Te	rms & Con	ditions of T	ender.			
Tender	Reference No.	:				500	
Name	of Tender / Worl	lz •					
		к.					
Dear S	ir,						
1.	I/We hav	e downloa	aded/ obta	ained the t	ender documer	nt(s) for the ab	ove mentioned
	'Tender/Work'	from the w	veb site(s) n	amely:			
	as par volu	r advartican	nent given	in the above	mentioned webs	ita(s)	
2							andan da aymanta
2.	from PageNo					conditions of the to(including all	
						ement and I/we sl	
	by the terms/co			•		3. The state of th	and welde hereej
3.					e by your depar	rtment/ organisatio	on too have also
					s acceptance let	_	
4.	I/We here	eby uncon	ditionally	accept the	tender condition	ons of above m	entioned tender
	document(s)/ co	orrigendum	ı(s) in itstot	ality/entirety.			
5.	In case any	y provision	s of this ter	nder are foun	d violated, then	your department/o	rganisation shall
	without prejud	ice to any	other right	or remedy b	e at liberty to 1	reject this tender/b	oid including the
	forfeiture of the	e full said e	arnest mon	ey deposit ab	solutely.		
	Yours Faithfu	lly,					
	(Signature	of	the	Bidder,	with	Official	SeaL

Help Page to Web load the documents in E-Tender Portal For Cover Wise Uploading The Tender Documents

AFTER LOGGING IN TO THE BIDDER'S LOGIN

COVER WISE TO BE UPLOADED DOCUMENTS

Description

Scanned Copy of Bid Security

Remarks

EMD Amount specified

Document Type

Cover No Cover Type

1	Fee	.pdf	in the form of DD/BG/Exemption Certificate (MSME/NSIC)	in the Tender Document
2	Fee	.pdf	EMD Returning Form and Mandate Form for Electronic Fund Transfer/RTGS Transfer	ANNEXURE- G and H
COV	VER - 2			
2	PreQual	.pdf	Declaration by the firm that it has never been black-listed	Self declaration by the firm duly signed & stamped
		.pdf	Profile of each Bidder and past experience in supply and installation of the material	Previous supplies to the Govt. Institutions / Govt. Organisations.
		.pdf	Minimum Local Content declaration ANNEXURE-C	Minimum local content declaration as per MII policy
		.pdf	Land Border Sharing Declaration as per ANNEXURE-D	Land Border Sharing Declaration as per ANNEXURE-D and competent authority registration certificate
		.pdf	Manufacturer's authorization certificate	The form available in Part – 4 Section IX to be filled in by the Manufacturer/ OEM in the Manufacturer / OEM letter head with the Signatory name, Designation, Phone Number,
		.pdf	Checklist for Bid/Tender Submission	Duly filled and signed and stamped Checklist for Bid / Tender Submission available in the page no.3
		.pdf	Copy of the last three years audited balance sheet of your	Audited Balance sheet of the firm for the last

1-		1	
	c.	. 4	
	tirm	thraa	vears
	111111	unree	vears
			<i>J</i> - · · ·

COVER - 3

COV	ER-3			
Cover No	Cover Type	Document Type	Description	Remarks
3 Technical		.pdf	Tender Forms (Techno Commercial Un-Priced Bid and Tender Acceptance Letter)	Techno commercial Unpriced bid and duly filled and signed Tender Acceptance letter available in Part – 4 Section IX
		.pdf	Scanned Copy of Completion Schedules	Previous supplies and installation along with completion certificate
		.pdf	Technical Bid (brochures /pamphlets)	Brochure / Pamphlet of the quoted Make & Models along with the specifications
		.pdf	Scanned Copy of written confirmation authorizing the signatory of the Bid to commit the Bidder	Authorising the signatory of the bid to commit the bidder in (written confirmation)
		.xls	Technical Bid	Duly filled-in Technical Excel file in 97-2003 format
		.pdf	Technical Bid	Duly filled-in and signed Technical bid in PDF
COV	ER - 4			
4	Finance	.pdf	Scanned Copy of Tender form (Priced Bid)	Duly filled and signed Tender Form (Price Bid) available in Part – 4 Section IX
		.xls	BOQ	Duly filled in Price Bid Excel file in 97-2003 format
		.pdf	Scanned copy of item wise breakup of price bid	Item wise breakup of price bid in PDF (duly signed)