NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI - 620 015

DEPARTMENT OF CIVIL ENGINEERING

NOTICE INVITING QUOTATIONS

File No.	NITT\C\2307\OT\16-10-2026\01	Date:	16.11.2026

To

Sealed quotations are invited from reputed and experienced consultancy firms / surveying agencies for undertaking DGPS Topographic site Survey, Grid-Level Mapping and Earthwork Quantity Computation for the Proposed Runway Extension and Parallel Taxi Track at Trichy Airport.

Name of the Item : Engagement of a consultancy firm for DGPS Topographic Site Survey, Grid-Level Mapping and Earthwork Quantity Computation for the Proposed Runway Extension and Parallel Taxi Track at Trichy Airport.

Specification : (As per enclosed Schedule Annexure – I)

1. Quotation Reference No. : NITT\C\2307\OT\16-10-2026\01
2. Last date and Time for receipt of quotation : 26.11.2026 at 1 PM
3. Date &Time of opening of Quotation : 26.11.2026 at 3 PM
4. EMD Amount : 9000/-
5. Validity (Days) : 90
6. Address to which quotations are to be sent

   The Deputy Registrar (R&C),

   National Institute of Technology,

   Tiruchirappalli – 620 015, Tamil Nadu, India

   Kind attention to **:** Dr. Aneesh Mathew, Assistant Professor, Department of Civil Engineering

   Phone : +91 8502932688

   E-mail : aneesh@nitt.edu
7. Quotations should be submitted in the format given in Annexure – I and Annexure-II
8. The envelope should contain the following details:

"QUOTATION AGAINST ENQUIRY (DGPS Survey & Earthwork Quantity Computation – Trichy Airport; File No. NITT\C\2307\OT\16-10-2026\01)

Kind attention to: Dr. Aneesh Mathew, Assistant Professor, Department of Civil Engineering

Last date and Time for receipt of quotation : 26.11.2026 at 1 PM

Terms and Condition

1.	The quotation must be in the format furnished by NIT Tiruchirappalli and should be free from corrections/erasures. In case there is any unavoidable correction it should be properly attested. If not, the quotation will not be considered. Quotation written in pencil and incomplete will be rejected.
2.	Earnest Money Deposit (EMD) is to be submitted by way of Demand Draft drawn on any Nationalized bank in India in favor of "The Director, NIT, Tiruchirappalli" payable at Trichy. The bids submitted without EMD will be treated as non-responsive and will be rejected. EMD shall bear no interest. Bidder must fill the EMD returning Form (Annexure-III) and submit along with the quotation. However, **UDYAM & NSIC** registered Micro & small enterprises are exempted as per Govt.norms proof to be attached.
3.	You are invited to submit your most competitive quotation for the consultancy services specified in Annexure–I, including the completion period and submission of deliverables. Bank guarantee submitted for EMD shall be valid for 45 days beyond bid validity period.
4.	Bidders may send the quotations in sealed covers with the quotation reference number and last date for receipt of quotations duly superscribed on the cover. **Kind Attention to: as mentioned in the point No. 6** NB: Mention the company Contact Number / E-mail id on the cover.
5.	Quotation will be opened on due date at **3.00 PM at the Dean Research and Consultancy office, NIT, Tiruchirappalli** in presence of the tenderers or their representatives who may wish to be present. (Any change in the date, time and venue of the quotation opening will be informed to the bidders through telephone / E-mail)
6.	The National Institute of Technology, Tiruchirappalli reserves the right to accept or reject any quotations, and to cancel the bidding process, and reject all quotations at any time prior to the award of order without assigning any specific reason thereof.
7.	Bidders shall furnish a profile of the consultancy firm, registration documents, relevant surveying experience, details of completed projects, and qualifications of proposed personnel as required in Annexure A. Applicable MSE purchase preferences shall be governed by prevailing Government/NIT procurement rules.
8.	The technical proposal shall include the survey methodology, available DGPS/GNSS equipment and software, deployment plan, and documentary evidence listed in Annexure A.
9.	All consultancy deliverables, survey records, drawings, calculations and reports shall be subject to verification and satisfactory acceptance by NIT Tiruchirappalli / the designated technical authority.

10.	National Institute of Technology, Tiruchirappalli reserves the right to modify the scope or quantity of services specified in this enquiry, subject to applicable procedures.
11.	Startup company exempted from prior turnover & prior experience (startup certificate registered with DIPP should be enclosed)
12.	The bidder has to submit the bids in sealed envelope, (separate for each tender). Further Bidder should not send clubbing many tenders in one envelope, in such case all the bids will be rejected.
13.	**Bid Price** a. The contract shall be for the full quantity Bidders must quote for entire quantity. Each bidder shall submit only one quotation in Indian Rupee only. b. Post work orders & completion certificate should be submitted, wherever applicable. c. The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account. d. GST, packing, forwarding and delivering other allied items at the destination shall be included in the price. All such price components may be shown in the quotation. If there is no indication regarding above charges. It will be considered as inclusive of all charges. **e. If any arithmetic mistake in total / GST calculation is observed, the same shall be corrected by the purchaser with an intimation to bidder** f. In case the items in the enquiry are covered by any rate contract or any other state or central Government, it should be specified in your quotation and accepted contract rates should also be mentioned. It should be confirmed whether you could supply at the RC rates outside rate contract g. Quotations containing conditions like “subject to prior sale” may not be considered. h. Delivery period required for supplying the material should be invariably specified in the quotation **i. Bids without quoting GST (unless exempted) will be treated as invalid & disqualified.** j. **If there is a discrepancy between unit price and total price, the unit price will be considered. If there is any mismatch between figure and word, the amount in word shall prevail**.
14.	**Evaluation of quotations:** Quotations will be evaluated item-wise or lump sum basis. The purchase committee will evaluate and compare the quotations determined to be substantially responsive i.e. (i) are properly signed; (ii) Conform to the terms & conditions and specifications; and (iii) price offered are competitive.
15.	**Award of contract** a. The National Institute of Technology, Tiruchirappalli will award the Order for supply of Goods / Services to the bidder whose quotation has been determined to be substantially responsive, and who has offered the lowest evaluated quotation price. b. The Bidder should furnish the contract agreement and performance security within 15 days from the date of receipt of the order for supply of goods / services, failing which the order will be cancelled without further notice and awarded to next eligible bidder. c. Notwithstanding the above, National Institute of Technology, Tiruchirappalli reserves the right to accept or reject any quotations, and to cancel the bidding process, and reject all quotations at any time prior to the award of order without assigning any specific reason thereof. d. National Institute of Technology, Tiruchirappalli, prior to the expiration of the

	quotation validity period, will notify the bidder whose bid is accepted for the award of contract. The terms of accepted offer shall be incorporated in the purchase order.
16.	Delivery of services and the required outputs shall be completed within six weeks from commencement, subject to AAI site access and approvals as specified in Annexure A.
17.	**Performance Security:** Security deposit should be **3%** of purchase order value in case of Performance Bank Guarantee should be valid for 60 days beyond the completion of work and final report submission. The successful bidder needs to submit performance security (As mentioned in Annexure –I) of purchase order value either in the form of bank guarantee or crossed demand draft drawn on any Nationalized bank in India in favor of "The Director, NIT, Tiruchirappalli" payable at Trichy. The bank guarantee / Demand Draft will be returned to the supplier after 60 days from date of successful completion of work.
18.	**Payment:** 100% payment shall be made after satisfactory completion of the consultancy work and acceptance of all required deliverables, subject to submission of a valid invoice and applicable statutory deductions. The bill should be raised in favor of "The Director, National Institute of Technology, Tiruchirappalli, Tamil Nadu, India." with institute GST No. 33AAATN5491Q1ZZ.No advance will be provided to the supplier and installer.
19.	**Liquidity damages** For delays attributable to the consultant, liquidated damages shall be 0.5% of the value of the delayed portion of services for each week or part thereof, capped at 5% of the total contract value, in accordance with Annexure A and applicable procurement rules.
20.	If the deliveries are not maintained and due to that account Procuring Entity is forced to buy the material at your risk and cost from elsewhere, the loss or damage that may be sustained there by will be recovered from the defaulting supplier
21.	Dispute clause: Any dispute relating to the Enquiring /Tender of the indented item shall be under the Hon'ble Court having its jurisdiction over Tiruchirappalli only
22.	Startup company exempted from Prior Turnover & Prior Experience (Startup certificate registered with DIPP should be enclosed)
23.	Performance Bank guarantee should be valid for 60 days beyond the guarantee & warranty and the BG submitted for EMD shall be valid for 45 days beyond bid validity period.
24.	Bids submitted without EMD (**unless exempted**) will be treated as disqualified.
25.	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.
26.	In LTE, bidder has to submit in sealed envelope (separate for each tender). **Further Bidder should not send clubbing many tenders in one envelope, in such case all the bids will be rejected.**

For any details / clarifications regarding could be obtained, Stores and Purchase Section from the National Institute of Technology, Tiruchirappalli on all working days during 10 AM to 5 PM.

For further detail kindly contact: Dr. Aneesh Mathew, Assistant Professor, Department of Civil Engineering, NIT Tiruchirappalli, Contact Number: +91 8502932688, E-mail: aneesh@nitt.edu

Enclosures:

Checklist for Specifications	Annexure - I
Price Format	Annexure - II
Bid Security Declaration Form	Annexure – III
Bank Mandate Form	Annexure – IV

NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI - 620 015

DEPARTMENT OF CIVIL ENGINEERING

Annexure- I

Checklist for Specifications

Ref:NITT\C\2307\OT\16-10-2026\01 **Date:** 16.11.2026

Sl. No.	Specification of NIT-T Specification of bidder	Yes/ No	Attachments (if applicable)
1.	**Technical Criteria:** Capability of performing all criteria's as specified in **Annexure A**		
2.	**Legal Status:** The bidder shall be a legally registered consultancy firm, partnership firm, Limited Liability Partnership (LLP), private limited company, public limited company, or other legally eligible entity permitted to undertake the assignment under applicable procurement rules.		
3.	**Relevant Experience:** The bidder shall have a minimum of three (3) years of experience in providing surveying, geospatial, engineering consultancy, or related technical services.		
4.	**Similar Assignments:** The bidder shall have successfully completed at least two (2) similar assignments during the preceding five (5) years. Relevant assignments shall include DGPS/GNSS-based topographic surveys, engineering surveys, grid-level mapping, terrain modelling, contour mapping, or earthwork quantity estimation for infrastructure development projects. Documentary evidence of completed assignments shall be submitted.		
5.	**Technical Personnel:** The bidder shall deploy suitably qualified and experienced personnel, including a survey team leader, qualified surveyors and technical personnel experienced in GIS/CAD mapping, LISCAD/Esurvey CAD and AutoCAD, digital terrain modelling and earthwork quantity computation. The proposed manpower, qualifications, experience and responsibilities shall be furnished in the technical proposal.		

Sl. No.	Specification of NIT-T Specification of bidder	Yes/ No	Attachments (if applicable)
6.	**Survey Equipment and Software:** The bidder shall have access to appropriate licensed or legally authorised software for GIS, CAD, LISCAD/Esurvey CAD, terrain modelling and earthwork volume computation. Equipment ownership or availability documents shall be furnished.		
7.	**Financial Capacity:** The bidder shall meet the minimum average annual turnover requirement for the preceding three (3) financial years, of Rs. 50,00,000. Audited financial statements and/or a certificate from a practising Chartered Accountant shall be submitted as evidence.		
8.	**Statutory Registrations:** The bidder shall possess a valid Permanent Account Number (PAN), GST registration wherever applicable, and other registrations or statutory credentials required under applicable laws. Copies of relevant documents shall be submitted.		
9.	**Non-Blacklisting Declaration:** The bidder shall submit a signed declaration stating that it has not been blacklisted, debarred or banned from participating in tenders by a competent government authority or public-sector organisation, in accordance with the conditions specified in the tender.		

Signature & Seal of Vendor with Date

NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI - 620 015

DEPARTMENT OF CIVIL ENGINEERING

Annexure- II

PRICE BID FORMAT FOR BIDDERS

Tender No. & Date : NITT\C\2307\OT\16-10-2026\01 & 16.11.2026

Bidder's Offer No. & Date :

S. No.	Description of item	Unit (Set / No)	QTY	Rate / Qty in Rs. (Excluding GST)	GST in Rs.			Total Value + GST in Rs.
					SGST	CGST	IGST	
1.	**Consultancy charges:** DGPS topographic survey, 3 m × 3 m grid-level survey and control points (included in total scope), Design-level evaluation for runway extension and parallel taxi track; earthwork cutting/filling calculations, drawings, maps, reports and CAD files, Field mobilisation, travel, software processing, preparation and submission of deliverables							
2.	Total consultancy price including all charges and GST							
3.	**Net cost to be paid by NIT-T**							

Signature & Seal of Vendor

Note: The price bid should be submitted only as per the above format. No row shall be left blank. Please indicate NA, in case the item is "Not Applicable". If this format is not used or any column is left blank, then the bid will be rejected.

NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI - 620 015

DEPARTMENT OF CIVIL ENGINEERING

(TO BE PRINTED IN LETTER PAD OF THE FIRM)

EMD Returning Form

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

Sub: Returning EMD amount

Sir / Madam,

Our firm has participated in the tender / quotation enquiry No mentioned below and produced the EMD amount through 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 – IV

MANDATE FORM FOR ELECTRONIC FUND TRANSFER/RTGS TRANSFER

Date: / /

To

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

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

1. Name of the Party / Firm / Company / Institute :
2. Address of the Party :
3. City_____Pin Code_____
4. E-Mail_____Mobile No:_____
5. Permanent Account Number_____
6. Particulars of Bank:

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

DECLARATION

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

Place:_____ Date: _____

Signature & Seal of the Authorized Signatory of the Party

Annexure A

Engagement of a consultancy firm for DGPS Topographic site Survey, Grid-Level Mapping and Earthwork Quantity Computation for the Proposed Runway Extension and Parallel Taxi Track at Trichy Airport

Technical specifications

Item	Specification
Survey area	Survey the designated land area measuring approximately 2,700 m × 450 m using DGPS, subject to the boundary confirmed by AAI.
Survey equipment	Carry out the survey using DGPS equipment, with supporting surveying instruments wherever required to obtain reliable ground levels.
Reference control	Establish survey control points with reference to the existing runway levels and Airport Reference Point, using the reference information supplied or approved by AAI.
Grid spacing	Record ground levels at 3 m × 3 m intervals throughout the designated accessible survey area.
Survey data	Provide point identification, easting, northing and reduced level (RL) for each surveyed point in an editable tabular format.
Grid-level drawings	Prepare site-layout drawings showing survey control points, grid locations and corresponding RLs.
Design-level evaluation	Evaluate proposed runway-extension and parallel-taxi-track design levels in accordance with directions and inputs approved by the Engineer-in-Charge.
Earthwork computation	Calculate and tabulate earth work quantities (cutting and filling quantities) using LISCAD / Esurvey CAD software, directly incorporating surveyed RLs and approved design levels.
Deliverables	Submit three hard copies, editable AutoCAD drawings, survey data, and applicable calculation sheets and reports. Grid levels are to be plotted in the site layout.
Quality verification	Submit control-point details and survey-check records; correct discrepancies identified during verification before final acceptance.
Site coordination	Coordinate site access, survey activities and applicable airport entry and operational requirements with AAI through the NIT project coordinator.
Work Completion Period	The consultant shall complete the entire DGPS survey, preparation of grid-level drawings, evaluation of approved design levels, earthwork quantity calculations, and submission of all specified reports and deliverables within 6 weeks from the date of commencement of work, subject to site access and necessary approvals from AAI. The final deliverables shall incorporate any corrections identified during verification by the Engineer-in-Charge. Final acceptance and approval of the completed work shall be granted by the NITT team only upon satisfactory completion of the work and verification of all deliverables.
Delay in Completion of work	The consultant shall complete the survey and submit all reports, drawings, maps, datasets, and other deliverables within the stipulated period specified in the work order. For delays attributable to the consultant, liquidated damages

Item	Specification
	shall be levied at 0.5% of the value of the delayed portion of the services for each week of delay or part thereof, subject to a maximum of 5% of the total contract value, in accordance with the applicable procurement rules and contract conditions.
Firm Criteria	The bidder shall satisfy the following minimum eligibility requirements: 1. **Legal Status:** The bidder shall be a legally registered consultancy firm, partnership firm, Limited Liability Partnership (LLP), private limited company, public limited company, or other legally eligible entity permitted to undertake the assignment under applicable procurement rules. 2. **Relevant Experience:** The bidder shall have a minimum of three (3) years of experience in providing surveying, geospatial, engineering consultancy, or related technical services. 3. **Similar Assignments:** The bidder shall have successfully completed at least two (2) similar assignments during the preceding five (5) years. Relevant assignments shall include DGPS/GNSS-based topographic surveys, engineering surveys, grid-level mapping, terrain modelling, contour mapping, or earthwork quantity estimation for infrastructure development projects. Documentary evidence of completed assignments shall be submitted. 4. **Technical Personnel:** The bidder shall deploy suitably qualified and experienced personnel, including a survey team leader, qualified surveyors and technical personnel experienced in GIS/CAD mapping, LISCAD/Esurvey CAD and AutoCAD, digital terrain modelling and earthwork quantity computation. The proposed manpower, qualifications, experience and responsibilities shall be furnished in the technical proposal. 5. **Survey Equipment and Software:** The bidder shall have access to appropriate licensed or legally authorised software for GIS, CAD, LISCAD/Esurvey CAD, terrain modelling and earthwork volume computation. Equipment ownership or availability documents shall be furnished. 6. **Financial Capacity:** The bidder shall meet the minimum average annual turnover requirement for the preceding three (3) financial years, of Rs. 50,00,000. Audited financial statements and/or a certificate from a practising Chartered Accountant shall be submitted as evidence. 7. **Statutory Registrations:** The bidder shall possess a valid Permanent Account Number (PAN), GST registration wherever applicable, and other registrations or statutory credentials required under applicable laws. Copies of relevant documents shall be submitted. 8. **Non-Blacklisting Declaration:** The bidder shall submit a signed declaration stating that it has not been blacklisted, debarred or banned from participating in tenders by a competent government authority or

Item	Specification
	public-sector organisation, in accordance with the conditions specified in the tender. 9. **Airport Access and Safety Compliance:** The successful bidder shall comply with all applicable airport security, access-control, operational safety and site-entry requirements. Any UAV/drone-based survey, if proposed and approved as part of the methodology, shall be undertaken only after obtaining all applicable permissions and clearances from the competent authorities, including the relevant airport and air traffic control authorities, wherever required. 10. **Supporting Documents:** The bidder shall furnish documentary evidence in support of its legal status, relevant experience, completed assignments, financial capacity, statutory registrations, equipment availability and proposed technical personnel. The employer reserves the right to verify the submitted documents in accordance with the tender conditions.

Note: Submission of interim progress reports at each subsequent stage of work is mandatory