

Transportation Engineering and Planning Section

Department of Civil Engineering

S V National Institute of Technology, Surat



**Expression of Interest (EOI) for Rate Contract for
Various Surveys Related to Transportation
Engineering & Planning Work**

Transportation Engineering and Planning Section

C/o: Head of Department

Department of Civil Engineering

S V National Institute of Technology, Surat

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Transportation Engineering and Planning Section
Department of Civil Engineering
S V National Institute of Technology, Surat
Invites

Expression of Interest (EOI) for rate of contract for various surveys related to Transportation Engineering & Planning work

This EOI is for the rate of contract for various engineering surveys related to Transportation Engineering & Planning work. Department of Civil Engineering, SVNIT Surat is involved in various consultancy projects at Surat, Ahmedabad, Rajkot, Vadodara and other cities of Gujarat for giving service to society. For this work, the Transportation Engineering & Planning Section of Dept. of Civil Engineering requires hiring of an external agency for various engineering surveys (i) Classified Vehicle Count (Traffic volume count survey), (ii) Topography survey (Road and road intersections), (iii) Origin & Destination survey for creating database for planning and engineering design of Traffic facilities.

Expression of Interest (EOI) is sought from experienced Contractors/Agencies/Firms for the work for engineering surveys related to Transportation Engineering & Planning work. Rates for different types of engineering survey works are decided based on the latest market survey by experts from SVNIT Surat. The interested Contractors/Agencies/Firms have to give their consent for providing their services to SVNIT at given rates.

The date and address for submitting the EOIs in sealed cover with clearly indicating the name of work on the cover as **“EOI for engineering surveys related to Transportation Engineering and Planning work”** Ref No.: SVNIT/DoCE/2025-26/SSA/3590 dtd. **17/11/2025** by Speed Post / Hand Delivery are as below:

Last Date: 23/12/2025 (17:00hr.)

To,
The Director,
C/o: Head of the Department, DoCE
Kind Attention: Dr. S. S. Arkatkar, Professor, DoCE
S. V. National Institute of Technology, Surat
Surat-395007, Gujarat, India
Email : hod@ced.svnit.ac.in cc to: sarkatkar@ced.svnit.ac.in, gj@ced.svnit.ac.in,
adhamaniya@ced.svnit.ac.in

Note: EOI without EMD of ₹5,000/- in favor of RESEARCH & CONSULTING A/C SVNIT, SURAT payable at Surat will not be considered. EMD shall be accepted in Indian Rupees only. EMD for Startup and MSMEs will be treated as per GOI Norms.

For further clarification; please contact:

Dr. S. S. Arkatkar

Professor, Department of Civil Engineering,
S. V. National Institute of Technology, Surat-395007,
Gujarat, India

Email: sarkatkar@ced.svnit.ac.in

Mobile: +91 81402 52777

1. Introduction: -

This EOI is for the rate contract for various engineering surveys related to Transportation Engineering & Planning work. Department of Civil Engineering, SVNIT Surat is involved in various consultancy projects at Surat, Ahmedabad, Rajkot, Vadodara and other cities of Gujarat for giving service to society. For this work, the Transportation Engineering & Planning Section of Dept. of Civil Engineering requires hiring an external agency for various engineering surveys (i) Classified Vehicle Count (Traffic volume count survey), (ii) Topography survey (Road and road intersections), (iii) Origin & Destination survey for creating database for planning and engineering design of Traffic facilities.

2. Scope of Work

Expression of Interest (EOI) is sought from experienced Contractors/Agencies/Firms for the work for engineering surveys related to Transportation Engineering & Planning work. Rates for different types of engineering survey works are decided based on the latest market survey by experts from SVNIT Surat. The interested Contractors/Agencies/Firms have to give their consent for providing their services to SVNIT at given rates.

3. Eligibility Criteria: -

Criteria	Requirement
Registration	Registered in India as Proprietorship / Partnership / Pvt Ltd / LLP / Public Ltd
Tax Compliance	Valid GST Registration & PAN
Work Experience	Minimum 3 years in Traffic/Transportation Survey/Planning works
Past Projects	At least 5 similar survey assignments completed (Traffic / OD / Topography) for Govt./PSU/NIT/IIT/ULB or reputed private firm with TDS Form-26AS as proof
Financial Turnover	Minimum average annual turnover of ₹10 Lakhs during last 3 FYs (2021-22, 2022-23, 2023-24) supported by CA certificate/ITR
Successful Programs	Must have successfully completed minimum 5 survey contracts
Blacklisting	Must not be blacklisted by any Govt./Semi-Govt./PSU/IIT/NIT

4. Rates of Various Engineering Surveys

Rates for various engineering surveys related to Transportation Engineering and Planning works are decided based on the latest market survey by experts from SVNIT Surat and the same are mentioned below. The interested Contractors/Agencies/Firms have to give their consent for providing their services to SVNIT on given rates.

Sr. No.	DESCRIPTION QTY	RATE*
1.	Classified Traffic Volume Count (for Intersections/Junctions) Carryout Traffic Volume Count Survey (16 hours of continuous data collection – 6 AM to 10 PM) by using Videography as per IRC Guidelines and data extraction of each and every movements (including wrong side movements) for given locations of intersection including providing manpower with lodging, boarding, transportation, etc. 16 hours of	₹27,000/- per Location + GST

Sr. No.	DESCRIPTION QTY	RATE*
	Videography files of the given location with all the details including Data extraction in the given format (excel sheets) should be delivered within 2 Weeks.	
2.	Classified Traffic Volume Count (for Midblock) Carryout Traffic Volume Count Survey (16 hours of continuous data collection – 6 AM to 10 PM) by using Videography as per IRC Guidelines and data extraction of each and every movements (including wrong side movements) for given locations of midblock including providing manpower with lodging, boarding, transportation, etc. 16 hours of Videography files of the given location with all the details including Data extraction in the given format (excel sheets) should be delivered within 2 Weeks.	₹ 12,000/- per Location + GST
3.	Pedestrian Volume Count Survey Carryout Pedestrian Volume Count Survey (16 hours of continuous data collection – 6 AM to 10 PM) by using Videography as per IRC Guidelines and data extraction of each and every pedestrian movements for given locations including providing manpower with lodging, boarding, transportation, etc. 16 hours of Videography files of the given location with all the details including Data extraction in the given format (excel sheets) should be delivered within 1 Week.	₹ 7,500/- per Location + GST
4.	Topography Survey (for Corridor/Road stretch) Topography Survey with DGPS & Total Station, covering the existing features like buildings, building line, huts, encroachments, entry-exit of properties, compound wall, road, tree, chamber, divider, footpath, street light pole, MH storm, signal pole, electric pole, gas line stone, survey line, F.P. line, well, fencing in Right of Way of corridor & taking cross-section level (plan and profile) at 9.00 mt. or 10.00 mt. chainage interval & 2.00 mt. transverse offset and overlapping to T.P. Scheme and fix the center line on the Topography map as per our requirements and submit the drawing in soft copy.	₹ 15,000/- per km + GST (For ≤ 36.00 m Row) ₹ 20,000/- per km + GST (For > 36.00 m to 90.00 m Row)
5.	Topography Survey (for Intersections/Junctions) Topography Survey with DGPS & Total Station, covering the existing features like buildings, building line, huts, encroachments, entry-exit of properties, compound wall, road, tree, chamber, divider, footpath, street light pole, MH storm, signal pole, electric pole, gas line stone, survey line, F.P. line, well, fencing in Right of Way of corridor & taking cross-section level (plan and profile) at 9.00 mt. or 10.00 mt. chainage interval & 2.00 mt. transverse offset for the length of 100 m for all approaches and overlapping to T.P. Scheme and fix the center line on the Topography map as per our requirements and submit the drawing in soft copy.	₹ 20,000/- per Location + GST
6.	FWD Survey of 4 lanes with points @ 250m spacing in each lane staggered (Total 20 points data) Execution of FWD testing to evaluate pavement strength, Data processing and interpretation, Submission of final report with recommendations	₹ 1,500/- per point + GST
7.	DGPS Survey Carryout DGPS survey covering the location of existing sign boards which includes Mandatory/Regulatory Signs, Cautionary/Warning signs, Informatory Signs, Facility Information Signs, Parking Information Signs, Variable Message Signs and other traffic signs located on the right of way of the road. Also carryout photographs with timestamps and location of each	₹ 1,800/- per km + GST

Sr. No.	DESCRIPTION QTY	RATE*
	and every sign with DGPS survey together and submit collected data in DWG format as well as KML/KMZ format for latitude-longitude and photographs of all signs separately in soft copy.	
	Origin-Destination Survey (O-D Survey) - To conduct O-D Survey by roadside interview method using the prescribed format of form and location.	
6.	<div>≤ 500 O-D samples</div> <div>501 to 1000 O-D samples</div> <div>1001 to 2000 O-D samples</div> <div>>2000 O-D samples</div>	<div>₹ 9,000/- per location + GST</div> <div>₹ 15,000/- per location + GST</div> <div>₹ 18,000/- per location + GST</div> <div>₹ 24,000/- per location + GST</div>
7.	Mobilization Charges - If the survey location is more than 50 km from the registered office, One-time mobilization charges will be paid irrespective of Survey duration.	<div>≤ 200 km - ₹ 7,500/-</div> <div>201 to 500 km - ₹ 12,000/-</div> <div>> 500 km - ₹ 15,000/-</div>
* GST extra as applicable ** Subject to change as per Govt. Notification		

5. Contact Address for Queries

All queries may be directed to the following address on or before 23/12/2025 till 17:00 hr. IST in writing (If the queries/clarifications are submitted through e-mail, the bidder should send the queries/clarifications through official e-mail IDs):

Dr. S. S. Arkatkar

Professor, Department of Civil Engineering,
S. V. National Institute of Technology, Surat-395007,
Gujarat, India
Email: sarkatkar@ced.svnit.ac.in Mobile: +91 81402 52777

6. Submission Details

The details for submitting the EOI are listed below:

- EOI should be lodged in a single copy by giving your consent for providing your services to SVNIT on given rates in a sealed envelope, super scribed **“EOI for engineering surveys related to Transportation Engineering and Planning Work”** Ref No.: **SVNIT/DoCE/2025-26/SSA/3590 dtd. 17/11/2025**
- EOI without EMD of ₹5,000 in favor of **RESEARCH & CONSULTING A/C SVNIT, SURAT** payable at Surat will not be considered.
- The EOI should be submitted on or **before 23/12/2025 till 17.00 hr.** IST. The address for submitting the EOIs in a sealed cover with clearly indicating the name of work on the cover by Post/hand delivery are as below:

To,
The Director,
C/o: Head of the Department, DoCE
Kind Attention: Dr. S. S. Arkatkar, Professor, DoCE
S. V. National Institute of Technology, Surat
Surat-395007, Gujarat, India
Email :hod@ced.svnit.ac.in cc to: sarkatkar@ced.svnit.ac.in, gj@ced.svnit.ac.in, adhamaniya@ced.svnit.ac.in

7. General Terms and Conditions

The general terms and conditions for submission of the EOI are as follows:

1. Bidders are solely responsible for the timely delivery of the responses to the above-mentioned address and are solely responsible for delays in receipt. Responses not received on or before the last date and time of submission will not be considered. Postal delay shall not be entertained.
2. The response to this EOI notice should be full and complete in all respects.
3. The EOI response shall be signed and on each page by the authorized representative of the bidder and a copy of the power of attorney of the authorized signatory to be attached.
4. The EOI should be accompanied by EMD in the form of a Demand Draft (DD) / Cheque of ₹5000/- of any Nationalized Bank in favor of the RESEARCH & CONSULTING A/C SVNIT, SURAT payable at Surat. After completion of the contract period, EMD amount will be refunded or adjusted in the next contract based on the consent of the bidder.
5. EMD should be in Indian Rupees only, and EMD in foreign currency shall not be accepted in any case.
6. The various engineering surveys related to Transportation Engineering and Planning works must be carried out as per the relevant Codes (IRC, IS, MoRTH Guidelines, etc.).
7. SVNIT Surat reserves the right to accept or reject any EOI without assigning any reason thereof.
8. The decision of SVNIT Surat will be final in case of dispute and No Arbitration shall be allowed in any case.
9. It is at the discretion of SVNIT Surat to select any one or more than one suitable Agency.
10. The rate under this contract will be valid for up to three years from the date of issue.
11. **Selection Criteria:** Selection of suitable Agency/Agencies will be based on the following criteria:
 - All eligible agencies will be evaluated and ranked based on the following marking scheme (Total = 100 marks).
 - Minimum qualifying score = 50 marks (50%). Agencies scoring <50 marks will be rejected. Agencies scoring ≥ 50 marks will be ranked.
 - Top 3 scoring agencies will be empanelled for a period of 2 years. All applications will be scored using the below marking scheme.
 - If the number of received bids happened to be less than 3 (three), the institute will follow the said procedure with minimum eligibility criteria.

Sr. No.	Criteria	Marking Scheme	Maximum Marks
1	Years of Experience in Transportation / Traffic Surveys	<ul style="list-style-type: none"> Minimum 3 years = 10 marks. For each additional year = +1 mark. 	15
2	Number of Similar Completed Projects	<ul style="list-style-type: none"> Minimum 5 projects = 10 marks. Each additional completed project = +1 mark. 	25
3	Experience with Govt./PSU/NIT/IIT/ULB or reputed private firm	<ul style="list-style-type: none"> Minimum 2 projects = 15 marks. Each additional such project = +1 mark. <p><i>Note: Only projects with a minimum work order value of ₹1,00,000 (₹1 lakh) shall be considered for evaluation under this criterion.</i></p>	25
4	Average Annual Turnover (Last 3 FYs)	<ul style="list-style-type: none"> ₹10 – less than ₹15 Lakhs = 10 marks. ₹15– less than 25 Lakhs = 15 marks. >₹25 Lakhs = 25 marks. 	25
5	Availability of Equipment & Skilled Manpower	<ul style="list-style-type: none"> Basic equipment (min. 2 HD Cameras, + 1 Total Station + 1 DGPS + 3 survey personnel) = 5 marks. Each additional major equipment/staff (Drone, V-Box, Radar Gun) = +1 mark. 	10

12. Work Allotment to Empanelled Agencies: Work orders shall be issued to empanelled agencies in a Round Robin manner, ensuring equal distribution of assignments among all qualified agencies.

- If any agency fails to accept the work order within the stipulated time, or expresses an inability to execute the work, or has ongoing delayed/incomplete work, then the work will be passed to the next agency in the Round Robin cycle.
- The cycle will continue sequentially so that no agency is unfairly favored or excluded.
- In case of urgent work where time is critical, SVNIT reserves the right to allot work directly based on availability and readiness of manpower/equipment, overriding the round-robin order.

13. Error-Free Data Submission: Agency must ensure high accuracy in data collection and reporting. In case of incorrect/missing data, agency must redo the survey at its own cost

14. Termination:

- Delay of more than 15 days beyond deadline
- Submission of false/inaccurate data
- Poor performance or unethical practices
- Upon termination, agency may be blacklisted for 3 years

15. Empanelment Period:

- Valid for 2 years from the date of issue of empanelment letter
- 1 Year Extension possible based on quality & timely completion of assignments

8. Documents to be Submitted

1. Covering letter on company letterhead
2. Registration Certificate, PAN, GST
3. CA certified turnover statement & ITR for last 3 financial years
4. List of survey projects completed in last 3 years
5. Copies of work orders and completion certificates

For work experience claimed with Private Sector clients, the Bidder must mandatorily submit copies of TDS (Tax Deducted at Source) Certificates (Form 16A/26AS) corresponding to the payments received, along with the Work Order. This is to verify the authenticity and value of the work.

6. List of key personnel & technical manpower
7. List of equipment: Total Station, DGPS, HD Cameras, Drones (if any), traffic count tools
8. An undertaking of no-blacklisting & no legal dispute

9. Annexure-1: Covering Letter (On Company Letterhead)

To,
The Director,
C/o: Head of the Department. DoCE
Kind Attention: Dr. S. S. Arkatkar, Professor, DoCE
S. V. National Institute of Technology, Surat
Surat-395007, Gujarat, India

Subject: EOI for various engineering surveys related to Transportation Engineering and Planning Work

Dear Sir,

Having examined the EOI document, we, the undersigned, offer our Expression of Interest and undertake that the information submitted in the EOI is correct to the best of our knowledge. We agree to the terms and conditions mentioned in the EOI document.

SR.NO.	DESCRIPTION QTY	RATE*
1.	Classified Traffic Volume Count (for Intersections/Junctions) Carryout Traffic Volume Count Survey (16 hours of continuous data collection – 6 AM to 10 PM) by using Videography as per IRC Guidelines and data extraction of each and every movements (including wrong side movements) for given locations of intersection including providing manpower with lodging, boarding, transportation, etc.16 hours of Videography files of the given location with all the details including Data extraction in the given format (excel sheets) should be delivered within 2 Weeks.	₹27,000/- per Location + GST
2.	Classified Traffic Volume Count (for Midblock) Carryout Traffic Volume Count Survey (16 hours of continuous data collection – 6 AM to 10 PM) by using Videography as per IRC Guidelines and data extraction of each and every movements (including wrong side movements) for given locations of midblock including providing manpower with lodging, boarding, transportation, etc.16 hours of Videography files of the given location with all the details including Data extraction in the given format (excel sheets) should be delivered within 2 Weeks.	₹ 12,000/- per Location + GST
3.	Pedestrian Volume Count Survey Carryout Pedestrian Volume Count Survey (16 hours of continuous data collection – 6 AM to 10 PM) by using Videography as per IRC Guidelines and data extraction of each and every pedestrian movements for given locations including providing manpower with lodging, boarding, transportation, etc.16 hours of Videography files of the given location with all the details including Data extraction in the given format (excel sheets) should be delivered within 1 Week.	₹ 7,500/- per Location + GST
4.	Topography Survey (for Corridor/Road stretch) Topography Survey with DGPS & Total Station, covering the existing features like buildings, building line, huts, encroachments, entry-exit of properties, compound wall, road, tree, chamber, divider, footpath, street light pole, MH storm, signal pole, electric pole, gas line stone, survey line, F.P. line, well, fencing in Right of Way of corridor & taking cross-section level (plan and profile) at 9.00 mt. or 10.00 mt. chainage interval & 2.00 mt. transverse offset and overlapping to T.P. Scheme and fix the center line on the Topography map as per our requirements and submit the drawing in soft copy.	₹ 15,000/- per km + GST (For ≤ 36.00 m Row) ₹ 20,000/- per km + GST (For > 36.00 m to 90.00 m Row)
5.	Topography Survey (for Intersections/Junctions) Topography Survey with DGPS & Total Station, covering the existing features like buildings, building line, huts, encroachments, entry-exit of properties, compound wall, road, tree, chamber, divider, footpath, street light pole, MH storm, signal pole, electric pole, gas line stone, survey line, F.P. line, well, fencing in Right of Way of corridor & taking cross-section level (plan and profile) at 9.00 mt. or 10.00 mt. chainage interval & 2.00 mt. transverse offset for the length of 100 m for all approaches and overlapping to T.P. Scheme and fix the center line on the Topography map as per our requirements and submit the drawing in soft copy.	₹ 20,000/- per Location + GST
6.	FWD Survey of 4 lanes with points @ 250m spacing in each lane staggered (Total 20 points data) Execution of FWD testing to evaluate pavement strength, Data processing and interpretation, Submission of final report with recommendations	₹ 1,500/- per point + GST
7.	DGPS Survey Carryout DGPS survey covering the location of existing sign boards which includes Mandatory/Regulatory Signs, Cautionary/Warning signs, Informatory Signs, Facility Information Signs, Parking Information Signs, Variable Message Signs and other traffic signs located on the right of way of the road. Also carryout photographs with timestamps and location of each and every sign with DGPS survey together and submit collected data in DWG format as well as KML/KMZ format for latitude-longitude and photographs of all signs separately in soft copy.	₹ 1,800/- per km + GST
6.	Origin-Destination Survey (O-D Survey) - To conduct O-D Survey by roadside interview method using the prescribed format of form and location. ≤ 500 O-D samples 501 to 1000 O-D samples 1001 to 2000 O-D samples >2000 O-D samples	₹ 9,000/- per location + GST ₹ 15,000/- per location + GST ₹ 18,000/- per location + GST ₹ 24,000/- per location + GST
7.	Mobilization Charges - If the survey location is more than 50 km from the registered office, One-time mobilization charges will be paid irrespective of Survey duration.	≤ 200 km - ₹ 7,500/- 201 to 500 km - ₹ 12,000/- > 500 km - ₹ 15,000/-
* GST extra as applicable ** Subject to change as per Govt. Notification		

Thanking you,
Yours faithfully,

(Name & Designation of Authorized Signatory)

(Company Seal)

10. Annexure–2: Company Profile & General Information

Details	Information
Firm/Company Name	
Registered Address	
Branch/Local Office (if any)	
Year of Establishment	
Type of Firm	Proprietorship / Partnership / Pvt Ltd / Public Ltd
GST Number	
PAN Number	
Contact Person	Name: Designation: Mobile: Email:

11. Annexure-3: Financial Turnover Details (CA Certified)

Financial Year	Annual Turnover (₹)	CA Certification (Yes/No)
2021-22		
2022-23		
2023-24		
Average Turnover (₹) \geq ₹10 Lakhs (Required)		

Note: Attach CA-certified turnover statement and audited financial statements.

12. Annexure-4: Experience of Similar Works

Sr. No.	Client Name	Type of Survey (Traffic /O-D /Topography)	Work Order No. & Date	Govt /Private	Value (₹)	Completion Certificate	TDS / Form- 26AS Attached
1							
2							
...							

Note: Copies of work orders and completion certificates

For work experience claimed with Private Sector clients, the Bidder must mandatorily submit copies of TDS (Tax Deducted at Source) Certificates (Form 16A/26AS) corresponding to the payments received, along with the Work Order. This is to verify the authenticity and value of the work.

13. Annexure-5: Declaration of No Blacklisting / No Litigation

To,
The Director,
C/o: Head of the Department. DoCE
Kind Attention: Dr. S. S. Arkatkar, Professor, DoCE
S. V. National Institute of Technology, Surat
Surat-395007, Gujarat, India

(Undertaking)

I/We hereby declare that:

1. Our firm/agency has never been blacklisted or debarred by any Government Department, IIT, NIT, PSU, or Autonomous Institution.
2. No criminal case, insolvency proceedings, or litigation is pending against the firm.
3. All information provided in the EOI is true and correct. If found false, SVNIT may take legal action or terminate our empanelment.

Date:

Place:

Signature: _____

Name:

Designation:

Company Seal:

14. Annexure–6: List of Equipment & Technical Resources

Sr. No.	Equipment / Software	Quantity	Ownership / Rental	Condition (Good/Avg)
1	Total Station			
2	DGPS			
3	HD Video Cameras			
4	Drone (if any)			
5	AutoCAD / Civil 3D / TransCAD			

15. Annexure-7: List of Key Personnel

Name	Designation	Qualification	Years of Experience	Relevant Project Involved

16. Annexure–8: Format for Consent to Rates & Declaration of Acceptance

To,
The Director,
C/o: Head of the Department. DoCE
Kind Attention: Dr. S. S. Arkatkar, Professor, DoCE
S. V. National Institute of Technology, Surat
Surat-395007, Gujarat, India

We hereby agree to provide all survey services to SVNIT at the prescribed rates mentioned in the EOI.

We also agree to:

- Submit data in required formats.
- Complete work within specified timelines.
- Ensure 100% accurate and error-free data.
- Accept TDS deductions and tax liabilities.

Date:

Place:

Signature: _____

Name:

Designation:

Company Seal: