



सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT,
GUJARAT-395007.

SVNIT

(An Institute of National Importance, Ministry of Education, Govt. of India)

NOTICE INVITING TENDER AND SCHEDULE OF TENDER

The S. V. National Institute of Technology, Surat invites ONLINE bids (e-tender) under **Two bid** system from only eligible Class-I & Class-II suppliers in line with Government Public Procurement Order No. **P-45021/2/2017-BE-II** dated: **04.06.2020** for the following:

Sr. No.	Name of the Item	Quantity	Validity of the bid	Delivery Period	Warranty period
1	Supply, Installation, Commissioning and Training of Travel Time Measurement System with its software, Cabinet with UPS and Network Switch. (Detailed technical specifications of the items as per chapter – 8 enclosed with this notice)	01	70 Days	45 Days	18 months
	Bid Security/EMD	The Bidder has to submit Rs. 30,000/- (Rupees Thirty Thousand Only) in the form of a Demand Draft submitted in favor of Director, SVNIT, MHRD Fund Payable at Surat.			
	Performance Security	3% of the contract value valid till 60 days beyond the completion of warranty period			

Note:

- Tender Documents with detail terms & conditions can be downloaded from our website:
<https://eprocure.gov.in/app>
- The bidders are requested go through the complete Notice Inviting Tender and Tender document before submitting their bids.*
- All the details/document pertaining to the tender such as tender document, pre-bid report (if any), corrigendum and any further updates will be available on SVNIT, Surat website and Central Public Procurement Portal.
- Bids/Quotations may be submitted directly by the OEM or their Authorized distributors/ Dealers/Resell Agents/Channel Partners with proof of authorization.

SVNIT Surat shall not be responsible for non-receipt bid due to internet issues or any other reasons. For any issues related to tender please contact Prof. Shriniwas Arkatkar, Department of Civil Engineering, SVNIT, Surat. Tel.+ 0261-2201865, Email: sarkatkar@ced.svnit.ac.in

Yours sincerely,

Prof. Shriniwas Arkatkar, DoCE, SVNIT
For and on behalf of the Director, SVNIT
(The Purchaser)

CHAPTER-2
SCHEDULE OF TENDER

Sl. No.	Event	Date and Time/ Remarks
01	Commencement of Downloading of Tender Document	Refer to critical dates on tender details page on http://eprocure.gov.in/eprocure/app
02	Bid Submission Start Date	Refer to critical dates on tender details page
03	Last date & Time of Submission of Bids Online (Technical and Financial Bid)	Refer to critical dates on tender details page
04	Date & Time of Opening of Technical Bids	Refer to critical dates on tender details page
05	Date of Completion of Examination of Technical Bid	To be declared on http://eprocure.gov.in/eprocure/app
06	Date & Time of Opening of Financial Bid	To be declared on http://eprocure.gov.in/eprocure/app
07	All the communications with respect to the tender shall be addressed to:	Prof. Shriniwas Arkatkar, DoCE, SVNIT, Surat Tel.+ 0261-2201865 Email; sarkatkar@ced.svnit.ac.in
08	For taking assistance, if any	CPP Portal website: www.eprocure.gov.in CPP Portal Help Desk Toll Free No.: 18002337315, 180030702232

Note:

- If the tender is not opened on the above date, due to unforeseen circumstances, then the next working day will be considered as tender opening date.

CHAPTER-7
TECHNICAL ELIGIBILITY CRITERIA

Sr. No	Details	Compliance Yes/No	Deviations/Remarks, if any
1	The Bidder should be OEM/Authorized Distributors/Dealers etc. and should have existence of firm for a minimum period of 3 Years. (Certificate of Incorporation/ Registration/ Authorization by OEM should be attached)		
2	Bidder Acceptance of Tender Document as per Annexure-1.		
3	The bidder has to submit EMD of Rs. 30,000/with technical bid (Refer chapter 5 class No. 05 of the tender document of details) and MSE bidder should submit the security declaration certificate as per Annexure-3.		
4	List of other Govt. Departments, Public Sector units and Central Autonomous Bodies/Centrally Funded Technical Institute or Private companies or MSI for government projects such as Smart Cities or Educational institutions for which the bidder has supplied material or having the similar type of contracts and submit the certificates regarding the satisfactory performance of the contract. (Duly filled Annexure-4 along with Purchase order copies and satisfactory performance certificates should be attached)		
5	The average annual financial turnover of 'The bidder' during the last three years, ending on 31st March of the previous financial year, should be at Rs. 20 Lakhs as per the annual report (audited balance sheet and profit & loss account) of the relevant period, duly authenticated by a Chartered Accountant/Cost Accountant in India or equivalent in relevant countries. (Duly certified by the valid Chartered Accountant as per the Annexure-5 must be enclosed with the technical bid)		
6	WORK EXPERIENCE: The Vendors / Bidders should have work experience as per following parameters. Supportive documents like copy of P.O. and work completion certificate etc. should be uploaded in this regard. (i) Three similar completed works costing not less than Rs.8 Lakhs in last 3 (three) years for any Govt./Semi Govt./PSU/autonomous organizations where they have completed the similar works related to smart cities or smart road networks. OR (ii) Two similar completed work costing not less than Rs. 12 Lakhs in last 3 (three) years for any Govt./Semi Govt./ PSU/Autonomous		

	organizations where they have completed the similar works related to smart cities or smart road networks. OR (iii) One similar completed work costing not less than Rs.16 Lakhs in last 3 (three) years for any Govt./ Semi Govt./PSU/Autonomous organizations where they have completed the similar works related to smart cities or smart road networks.		
7	Delivery Period: The material should be delivered within 45 Days from the date of receiving the purchase order.		
8	Warranty: 18 months from the date of Installation and commissioning of the item.		
9	Training: Training should be imparted to five officials of the institute for two day at purchaser's premises.		
10	Whether firm is MSEs Unit: If YES, then please Specify the category of ownership: SC/ST or Women: (Please Submit the Documentary Evidence for UAM and ownership details.)		
11	Whether firm is Local Supplier as per Make in India Order: (Please Submit the Documentary Evidence for Local Content equal to or more than 50% issued by OEM as per Annexure-9)		
12	Whether the goods offered are from a country which shares a land border with India		
	If Yes, the details of Registration with Department of Promotion of Industry & Internal Trade (DPIIT), Government of India.		

Notes:

1. Make/Model of all items should be clearly mentioned in your bid.
2. If applicable, hard copy of experimental manual with all operating procedure and system component details should be submitted along with the supply
3. In the event of purchase order, training should be imparted to five officials of the institute for two days at purchaser's site.
4. In the event of a work-order, Performance Security @ 3% of the work order value is to be submitted.
5. **Bids not complying to the above technical eligibility criteria and non-submitting the required documents are liable to be rejected.**

CHAPTER-8
TECHNICAL SPECIFICATIONS

Travel Time Measurement System

i) Travel Time Measurement System comprising of RFID Readers with integrated antennas.

a) RFID readers with Antennas

- Read range upto 15 meters
- Fully support EPC CLASS1 G2 \ iso18000-6B protocol tags
- Support RS232, RS485, TCP/IP interface
- Embed Impinj R2000 Chip
- Working frequency: Standard ISM 865-867 MHz (IND), 865-868 MHz (EU), 902-928 MHz (US)
- FHSS or Fix Frequency transmission
- Protection grade – IP64, High-reliability design, meet the requirements of harsh working environment
- Input Power Supply Wide Voltage +9V to +24V
- Aluminium Housing with Engineering Plastic Cover

b) Cabinet with UPS & Network Switch and router for sim-based networking medium at all the 3 locations

ii) Travel time measurement software application (Traffic Intelligence Server) with cloud hosting for 18 months with modular architecture to enable future extension

iii) Configuration, Integration & API Charges inclusive of interface for researchers at SVNIT including Installation of all the RFID based hardwares along with power cables and ducting.

The right of roadway at the selected three locations is 45-60 meters including BRTS lane, three lane carriageway widths in each of the direction of traffic flow respectively at all the locations. This also includes Side walk, service road and multifunctional zones in each of the directions.

ANNEXURE – 11
TECHNICAL COMPLIANCE SHEET

The technical compliance bid must be in this sheet only, otherwise it should be assumed that bidder is not able to offer technically desired product. Information provided elsewhere or in different form will not be considered.

1. All the columns of this sheet should be filled in compulsorily by the bidder, merely asking the office to refer catalogue or brochure will not be entertained.
2. The bidder shall assume full responsibility of the information provided in this sheet. Any false statement should render the breach of basic foundation of the tender.

Sr. No	SVNIT Specifications	Offered Specification	Deviation (if any)
1	MAKE :		
2	MODEL NO :		
3	Travel Time Measurement System comprising of RFID Readers with integrated antennas		
4	Read range upto 15 meters		
5	Fully support EPC CLASS1 G2 \ iso18000-6B protocol tags		
6	Support RS232, RS485, TCP/IP interface		
7	Embed Impinj R2000 Chip		
8	Working frequency: Standard ISM 865-867 MHz (IND), 865-868 MHz (EU), 902-928 MHz (US)		
9	FHSS or Fix Frequency transmission		
10	Protection grade – IP64, High-reliability design, meet the requirements of harsh working environment		
11	Input Power Supply Wide Voltage +9V to +24V		
12	Aluminium Housing with Engineering Plastic Cover		
13	Cabinet with UPS & Network Switch		
14	Travel time measurement software application (Traffic Intelligence Server) with cloud hosting for 18 months with modular architecture to enable future extension		

Note: Bidder should submit with Technical Specifications Compliance sheet with technical Specification Bid.

LIST OF DOCUMENTS TO BE UPLOADED WITH TECHNICAL BID

Sr. No.	Documents
1	Copy of OEM Authorization certificate/Registration Certificate
2	Copy of Tender Acceptance Letter as per Annexure-1
3	Copy of Bid Security Declaration Certificate as per Annexure-3
4	Past Experience as per Annexure-4 , and Satisfactory performance certificates.
5	Duly filled Technical Eligibility criteria as per Chapter-7
6	Copy of Average Annual turnover for last 3 years as per Annexure-5
7	Copy of undertaking regarding LC as per Annexure-9 Copy of Technical Compliance Sheet as per Annexure-11