

 Strategy and Synergy for Security	SOCIETY FOR ELECTRONIC TRANSACTIONS AND SECURITY (SETS) MGR Knowledge City, CIT Campus, Taramani, Chennai – 600 113 Website: www.setsindia.in
SETS/13/PUR/2026-27/OSCILLOSCOPE 30.09.2026	
NOTICE INVITING TENDER Sealed quotations are invited under the Two-Cover System from OEM/Authorized vendors for the Supply and Installation of Oscilloscope with Four (04) Analog Channels. The last date and time for submission of quotations is 15:00 hrs on 21.10.2026. Purchase Officer SETS	

NOTICE INVITING TENDER

Sl. No.	Particulars	Details
1	Tender Reference No.	SETS/13/PUR/2026-27/OSCILLOSCOPE
2	Tender Document Date	29.09.2026
3	Tender Publication Date	01.10.2026
4	Last Date and Time for Submission of Tender	15:00 hrs on 21.10.2026
5	Date and Time of Opening of Technical Bid	16:30 hrs on 21.10.2026
6	Name of Procurement	Supply and Installation of Oscilloscope with Four (04) Analog Channels
7	Validity of Tender Offer	90 days from the date of opening of the Technical Bid
8	Estimated Tender Value	₹49,87,464/-
9	Address for Submission of Tender	The Purchase Officer, Society for Electronic Transactions and Security (SETS), MGR Knowledge City, CIT Campus, Taramani, Chennai – 600 113.

Note: The tender shall be submitted in accordance with the terms and conditions specified in the Tender Document.

1. EARNEST MONEY DEPOSIT (EMD) AND ePBG

1.1 Earnest Money Deposit

An **Earnest Money Deposit (EMD) equivalent to 2% of the quoted value** shall accompany the bid.

The EMD shall be returned to unsuccessful bidders without any interest. Bids submitted without the required EMD shall be liable for rejection.

Bidders registered with the **National Small Industries Corporation (NSIC)**, including eligible Micro, Small and Medium Enterprises (MSMEs) and Startups, for supply/service related to this tender may claim exemption from payment of EMD/Security Deposit, subject to the applicable rules and monetary limits. An attested copy of the valid registration certificate shall be furnished in support of the exemption claim.

1.2 EMD Payment

The Bid Security/EMD amount, excluding applicable bank charges, shall be remitted, at the bidder's option, through **fund transfer** or **Demand Draft** drawn on any Scheduled Bank.

1.3 Bank Details

SETS Account Details:

- **Bank:** Indian Bank, L.B. Road Branch
- **Account No.:** 6312902297
- **MICR Code:** 600019028
- **IFSC:** IDIB000L006

1.4 ePBG

The successful bidder shall furnish an **ePBG equivalent to 3% of the Purchase Order value** in favour of:

“The Asst. Purchase Officer, Society for Electronic Transactions and Security (SETS)”, payable at Chennai, within **7 days from the date of the Purchase Order**.

The ePBG shall be refunded to the vendor **after 60 days from completion of the five-years warranty period**, without interest or late fees, subject to successful and satisfactory completion of all contractual obligations during the warranty period.

2. BID SUBMISSION AND COMMUNICATION GUIDELINES

1. Intending bidders are advised to regularly visit the SETS website for any **corrigendum, addendum, clarification, or amendment** issued in connection with this tender.
2. For queries regarding the tender terms and conditions, bidders may contact:

Email: purchaseofficer@setsindia.net

Copy to: purchase@setsindia.net and caao@setsindia.net

Phone: 044-6632505 during working hours.

3. REQUIREMENT AND SCOPE OF WORK

The Society for Electronic Transactions and Security (SETS), Chennai, requires the procurement of **One (01) No. Oscilloscope with Four (04) Analog Channels**, including **supply, delivery, installation, testing, commissioning, calibration, and warranty support**.

The equipment shall meet, at a minimum, the following requirements:

- **Quantity:** 01 No.
- **Bandwidth:** 2.5 GHz or above, upgradeable up to 10 GHz in future.
- **Channels:** Four (04) Analog Channels.
- **Record Length/Memory:** At least 60M points per channel or more.
- **Calibration:** Traceable Calibration Certificate.
- **Warranty:** Comprehensive on-site warranty for **Five (05) years**.

Detailed technical specifications are provided in Annexure-I.

4. ELIGIBILITY CRITERIA

The bidder shall submit documentary evidence demonstrating compliance with the following eligibility requirements:

4.1 Experience

The bidder shall have a minimum of **five (05) years of experience in the relevant field as on 31.03.2026**.

4.2 Financial Capacity

The bidder shall have an **average annual turnover for the last three financial years equivalent to at least 70% of the quoted bid value**.

The bidder shall submit supporting documents, including audited financial statements duly certified by a Chartered Accountant.

4.3 Past Performance

The bidder shall have successfully completed similar supply orders during the last three years, meeting any one of the following criteria, with values exclusive of GST:

- **One** completed work having a value of at least **80% of the quoted value; OR**
- **Two** completed works, each having a value of at least **60% of the quoted value; OR**
- **Three** completed works, each having a value of at least **40% of the quoted value**.

The following relevant documents shall be submitted:

- Work Orders;
- Completion Certificates; and/or
- End-User Certificates.

5. DELIVERY SCHEDULE

The successful bidder shall **supply, deliver, install, test, commission, calibrate, and make the equipment fully operational at SETS, Chennai, within 10–12 weeks from the date of issuance of the Purchase Order.**

6. PAYMENT TERMS

- **No advance payment shall be made.**
- Payment shall be released **within 10 working days** after successful completion of the work, including delivery, installation, testing, commissioning and calibration, wherever applicable.
- Payment shall be subject to satisfactory inspection, verification and acceptance by SETS and submission of all required documents, including invoice, delivery documents, installation/commissioning report and calibration certificate.

7. LIQUIDATED DAMAGES

Timely delivery, installation, testing, commissioning and handover of the equipment are critical to the contract.

- **Liquidated Damages:** 0.5% of the contract value per week or part thereof for delay.
- **Maximum Liquidated Damages:** 10% of the total contract value.

8. Technical Bid Components

The Technical Bid shall include the following:

- **Statement I:** Covering Letter and Declaration.
- **Statement II:** Manufacturer's Authorization Letter / Declaration of Authorization as Dealer/Supplier/OEM, along with supporting documents.
- **Statement III:** Details of similar supplies completed, along with Work Orders and Completion Certificates from Government Departments/PSUs/Autonomous Bodies/Government-funded Research Institutions.
- **Statement IV:** Details of annual turnover duly certified by a Chartered Accountant.
- **Statement V:** Self-Declaration regarding non-debarment/non-blacklisting.
- **Statement VI:** Technical Compliance Statement indicating the exact product/model and detailed specifications offered against each tender requirement.

9. PRICE BID

- The Technical Bid and Price Bid shall be submitted in **separate covers/envelopes** as prescribed under the Two-Cover System.
- The **Price Bid shall be opened only for technically qualified bidders.**
- Prices quoted shall be **inclusive of GST and all applicable taxes, duties, freight, insurance, delivery, installation, testing, commissioning, calibration and all other incidental charges**, representing the total landed cost to SETS.

10. MSME / NSIC RELAXATION

Eligible bidders registered with **NSIC**, including Micro, Small and Medium Enterprises (MSMEs), may be exempted from prior turnover and experience requirements, subject to applicable Government of India rules and provided that the bidder meets the prescribed technical, quality and other essential requirements of the tender.

11. EVALUATION OF BIDS

11.1 Award Criteria

The contract shall be awarded to the bidder quoting the **lowest evaluated price (L1)** among the technically qualified bidders, based on the **total cost inclusive of GST and all applicable charges**.

11.2 Compliance with Submission Requirements

All bidders shall submit duly completed **Statements I, II, III, IV, V and VI**, together with the required supporting documents.

Failure to submit any mandatory statement or supporting document may render the bid **non-responsive and liable for rejection**.

The decision of SETS in this regard shall be final, subject to the applicable rules and procedures.

12. TENDER VALIDITY

The tender shall remain valid for a period of **90 days from the date of opening of the Technical Bid**.

Any bid having a shorter validity period may be treated as non-responsive.

During the validity period, bidders shall not modify or withdraw the terms of their offers, except as permitted under the applicable procurement rules.

13. EXTENSION OF VALIDITY

In exceptional circumstances, prior to expiry of the original validity period, SETS may request bidders to extend the validity of their bids for an additional specified period.

- Such requests and responses shall be communicated in writing through email or other prescribed means.

- Bidders agreeing to such extension shall remain bound by the terms and conditions of their original bids during the extended validity period.

14. RIGHT TO ACCEPT OR REJECT BIDS

Notwithstanding anything contained elsewhere in this tender document, SETS reserves the right to:

- Accept or reject any bid;
- Annul the bidding process, either wholly or partially;
- Modify the bidding process at any stage, subject to applicable rules; and
- Reject all bids at any time prior to award of the contract.

15. IMPORTANT NOTE

Bidders are advised to carefully read and understand all terms, conditions, eligibility requirements and technical specifications before submitting their bids.

Purchase Officer
SETS, Chennai

STATEMENT NO. I
COVERING LETTER AND DECLARATION

(To be printed on the Bidder's Letterhead and duly signed by the Authorized Signatory)

To

The Purchase Officer
Society for Electronic Transactions and Security (SETS)
MGR Knowledge City, CIT Campus
Taramani, Chennai – 600 113

Sub: Supply, Installation, Testing, Commissioning and Warranty Support of One (01) No. Oscilloscope with Four (04) Analog Channels – Declaration.

Ref: Tender No. _____ dated 01.10.2026

Declaration

I/We hereby declare that I/We have carefully read, understood and accepted all the terms and conditions contained in the above-mentioned Tender Document, including all Annexures, Schedules, Additional Terms & Conditions (ATC), Technical Specifications, Bid Evaluation Criteria and any Corrigendum/Addendum issued from time to time, which shall form an integral part of the contract.

I/We agree to abide by all the terms, conditions, specifications and obligations contained therein.

I/We further confirm that the equipment and associated services offered by us shall be supplied, delivered, installed, tested, commissioned, calibrated and made operational within the stipulated period specified in the tender, if the contract is awarded to us.

I/We further understand and acknowledge that:

1. In the event of withdrawal, modification or deviation of our bid during the bid validity period;
or
2. If, upon award of the contract, we fail to accept the contract, execute the agreement, wherever applicable, or furnish the required Performance Security/ePBG within the stipulated time,

SETS shall be entitled to take appropriate action in accordance with the applicable rules and terms of the tender.

I/We certify that all information furnished in the bid is true, complete and correct to the best of our knowledge and belief.

I/We further confirm that all required Statements **I, II, III, IV, V and VI**, together with supporting documents such as Manufacturer's Authorization Certificate, Purchase Orders, Completion Certificates, Financial Statements and other relevant records, have been duly completed and submitted in accordance with the requirements of the tender document and ATC.

Signature with Seal: _____

Designation: _____

Name: _____

Contact No.: _____

STATEMENT NO. II

MANUFACTURER'S AUTHORIZATION LETTER

(To be printed on the Manufacturer's Letterhead and duly signed)

To

The Purchase Officer
Society for Electronic Transactions and Security (SETS)
MGR Knowledge City, CIT Campus
Taramani, Chennai – 600 113

Sub: Letter of Authorization – Reg.

Ref: Tender No. _____ dated 01.10.2026

Dear Sir/Madam,

We hereby confirm the following:

- a) We are the manufacturer/OEM of _____.
- b) M/s. _____ (Name of Bidder) is hereby authorized to supply the above-mentioned product(s) to SETS in response to the above tender.
- c) The authorized bidder shall be responsible for supply, installation, testing, commissioning and providing all allied support and maintenance services during the currency of the contract.
- d) We extend our full warranty and support for the goods offered by the above-mentioned bidder, including subsequent maintenance, supply of spares and services, in the event of award of the contract.
- e) In the event of failure by the authorized bidder to perform any activity relating to the products manufactured and supplied by us, we undertake to provide necessary support to ensure completion of the same without any additional financial implication to SETS, as applicable under the contract.

Signature with Seal: _____

Designation: _____

Name: _____

Contact No.: _____

STATEMENT NO. III

DETAILS OF SIMILAR SUPPLIES COMPLETED

(To be printed on the Bidder's Letterhead and duly signed)

To

The Purchase Officer
Society for Electronic Transactions and Security (SETS)
MGR Knowledge City, CIT Campus
Taramani, Chennai – 600 113

Sub: Submission of Details of Similar Supplies Completed along with Work Orders and Completion Certificates – Reg.

Ref: Tender No. _____ dated 01.10.2026

Details of Similar Supplies Executed

The following are the details of similar supply, installation, testing, commissioning and warranty support works successfully completed by our firm for Government Departments, Public Sector Undertakings (PSUs), Autonomous Bodies or Government-funded Research Institutions during the last three financial years.

Sl. N	Organization N	Description Supply/Work	Date Order	Order V (₹)	Completion D	Supporting Document
1						
2						
3						

Declaration

We hereby declare that the above-mentioned supplies/works have been successfully completed within the stipulated time.

Copies of the respective Work Orders, Completion Certificates, End-User Certificates and other supporting documents are enclosed for verification.

We further certify that the information furnished above is true and correct to the best of our knowledge and belief. In the event that any information is found to be false or incorrect, SETS reserves the right to take appropriate action in accordance with the tender conditions.

Signature with Seal: _____

Designation: _____

Name: _____

Contact No.: _____

STATEMENT NO. IV

DETAILS OF ANNUAL TURNOVER

(To be printed on the Bidder's Letterhead and duly signed)

Sl. No.	Financial Year	Annual Turnover (₹)
1	2022-23	
2	2023-24	
3	2024-25	

Mode of Proof

The above turnover details shall be supported by:

- Audited Profit & Loss Accounts; and
- Audited Balance Sheets;

for the last three financial years ending **31.03.2025**, duly certified by the bidder's **Chartered Accountant**.

Signature with Seal: _____

Designation: _____

Name: _____

Contact No.: _____

STATEMENT NO. V

SELF-DECLARATION – NON-DEBARMENT

(To be printed on the Bidder's Letterhead and duly signed)

To

The Purchase Officer
Society for Electronic Transactions and Security (SETS)
MGR Knowledge City, CIT Campus
Taramani, Chennai – 600 113

Sub: Supply, Installation, Testing, Commissioning and Warranty Support of One (01) No. Oscilloscope with Four (04) Analog Channels – Reg.

Ref: Tender No. _____ dated 01.10.2026

I/We hereby declare that our firm has not been declared ineligible or debarred for corrupt, fraudulent or other prohibited practices for any period, either indefinitely or temporarily, by any Central Government, State Government, Autonomous Body, Statutory Body or Central University, as on the date of submission of this bid.

We further declare that our firm, M/s. _____, is not debarred, blacklisted or otherwise declared ineligible for participation in similar procurement by any Central Government, State Government, Autonomous Body, Statutory Body or Central University as on the date of submission of this bid.

We confirm that the above declaration is true and correct to the best of our knowledge and belief.

Authorized Signatory

Signature with Seal: _____

Designation: _____

Name: _____

Contact No.: _____

STATEMENT NO. VI

TECHNICAL COMPLIANCE STATEMENT

(To be printed on the Bidder's Letterhead and duly signed)

To

The Purchase Officer
Society for Electronic Transactions and Security (SETS)
MGR Knowledge City, CIT Campus, Taramani
Chennai – 600 113

Sub: Supply, Installation, Testing, Commissioning and Warranty Support of One (01) No. Oscilloscope with Four (04) Analog Channels – Reg.

Ref: Tender No. _____ dated 01.10.2026

I/We hereby declare that we have quoted our price for the supply of the following material and, in the event of award of the order, I/We shall supply, install, test, commission and make the equipment operational within the stipulated delivery period.

Technical Compliance

Sl. N	Parameter	Tender Specification	Offered Specification	Compliance (Yes/No)
1	Number of Channels	4 Analog channels, upgradeable to 32 digital channels as an optional feature in future		
2	Bandwidth	2.5 GHz or above and upgradeable up to 10 GHz in future		
3	Sampling Rate	At least 50 GS/s on two (analog/digital) channels and 25 GS/s on four (analog/digital) channels		
4	Record Length/Memory	At least 60M points per channel or more		
5	ADC	10 Bits or above		
6	ENOB (Effective Number of Bits)	Maximum 9.0		
7	Spectrum Analysis	Simultaneous time-domain and frequency-domain analysis capability on all channels up to the full oscilloscope bandwidth		
8	Frequency Span	100 Hz to at least 1 GHz		
9	Measurement Visualization	Histogram, spectrum, time trend and eye diagram plots		
10	Input Coupling	AC and DC		

Sl. No	Parameter	Tender Specification	Offered Specification	Compliance (Yes/No)
11	Waveform Update Rate	>400,000 waveforms/sec		
12	Input Sensitivity	50 Ω : 1 mV/div or lower up to 1 V/div or higher; 1 M Ω : 500 μ V/div or lower up to 10 V/div or higher		
13	Time Base Range	50 ps/div or lower to 1000 s/div or higher		
14	Acquisition Modes	High resolution, peak detect, segmented, FastAcq mode, envelope mode, sample mode and history mode		
15	Built-in Display	Minimum 15-inch capacitive touchscreen with Full HD resolution of 1920 $\times$ 1080 or better		
16	OS and Internal Storage	Embedded OS and 250 GB removable SSD or higher		
17	Save File Format Support	.csv, .mat, .bin, .jpg, .png or equivalent formats		
18	I/O Interfaces	Gigabit Ethernet LAN, USB, DisplayPort/VGA		
19	Accessories	Four passive probes of minimum 1 GHz bandwidth, with low probe loading capacitance (<5 pF) and 10 M Ω input resistance		
20	Operating Temperature	+5 $^{\circ}$ C or lower to +45 $^{\circ}$ C or higher		
21	Delivery Period	10 to 12 Weeks		
22	Standard Warranty	5 Years		
23	Service Support	OEM or authorized service provider shall have service support facilities in India		

Signature with Seal: _____

Designation: _____

Name: _____

Contact No.: _____

TECHNICAL SPECIFICATIONS**Tender Specifications of Oscilloscope with Four (04) Analog Channels**

Sl. N	Parameter	Specification
1	Number of Channels	4 Analog channels, upgradeable to 32 digital channels as an optional feature in future
2	Bandwidth	2.5 GHz or above and upgradeable up to 10 GHz in future
3	Sampling Rate	At least 50 GS/s on two (analog/digital) channels and 25 GS/s on four (analog/digital) channels
4	Record Length/Memory	At least 60M points per channel or more
5	ADC	10 Bits or above
6	ENOB (Effective Number of Bits)	Maximum 9.0
7	Spectrum Analysis	Simultaneous time-domain and frequency-domain analysis capability on all channels up to the full oscilloscope bandwidth
8	Frequency Span	100 Hz to at least 1 GHz
9	Measurement Visualization	Histogram, spectrum, time trend and eye diagram plots
10	Input Coupling	AC and DC
11	Waveform Update Rate	>400,000 waveforms/sec
12	Input Sensitivity	50 Ω : 1 mV/div or lower up to 1 V/div or higher; 1 M Ω : 500 μ V/div or lower up to 10 V/div or higher
13	Time Base Range	50 ps/div or lower to 1000 s/div or higher
14	Acquisition Modes	High resolution, peak detect, segmented, FastAcq mode, envelope mode, sample mode and history mode
15	Built-in Display	Minimum 15-inch capacitive touchscreen with Full HD resolution of 1920 $\times$ 1080 or better
16	OS and Internal Storage	Embedded OS and 250 GB removable SSD or higher
17	Save File Format Support	.csv, .mat, .bin, .jpg, .png or equivalent formats
18	I/O Interfaces	Gigabit Ethernet LAN, USB, DisplayPort/VGA
19	Accessories	Four passive probes of minimum 1 GHz bandwidth, with low probe loading capacitance (<5 pF) and 10 M Ω input resistance
20	Operating Temperature	+5 $^{\circ}$ C or lower to +45 $^{\circ}$ C or higher
21	Delivery Period	10 to 12 Weeks
22	Standard Warranty	5 Years
23	Service Support	The OEM or authorized service provider shall have service support facilities in India

ANNEXURE – II

PRICE BID FORMAT

Tender Reference No.: SETS/13/PUR/2026-27/OSCILLOSCOPE

Name of Procurement: Supply and Installation of Oscilloscope with Four (04) Analog Channels

Sl. No.	Description	Qty.	Unit Price (₹)	GST (₹)	Total Price Inclusive of GST (₹)
1	Supply, Installation, Testing, Commissioning and Calibration of Oscilloscope with Four (04) Analog Channels as per Annexure-I Technical Specifications	01 No.			
	TOTAL QUOTED PRICE				₹

Amount in Words: ₹ _____

Price Declaration

1. The above quoted price is **inclusive of GST and all applicable taxes, duties, freight, insurance, delivery, installation, testing, commissioning, calibration and all other incidental charges.**
2. The quoted price shall represent the **total landed cost to SETS, Chennai.**
3. No additional charges shall be payable by SETS over and above the total quoted price, except as specifically permitted under the tender conditions.
4. The quoted price shall remain valid for **90 days from the date of opening of the Technical Bid.**
5. The Price Bid shall be opened **only for technically qualified bidders.** NIT
6. The bidder shall not indicate any price information in the Technical Bid.

BIDDER DETAILS

Particulars	Details
Name of the Bidder	
Name of Authorized Signatory	
Designation	
Contact No.	
Date	
Signature with Seal	

Authorized Signatory

Name & Seal of the Bidder