



VASANTDADA SUGAR INSTITUTE
MANJARI BK., HAVELI, PUNE- 412307
Phone: 020-26902316/26902286 Fax. 020-26902244
WEBSITE: www.vsisugar.com
e-TENDER NOTICE

e-Tender are invited from reputed firms/Suppliers/Manufacturers for Following:

Sr. No.	Item/ Description	Tender Form Fees (Incl.GST)	EMD Amount
1	Supply, Installation, Testing & Commissioning of Polarimeter / Sucrolyzer (As Per Specifications) Qty. 2 Nos	6,726/- Incl. GST	95,000/-

Note: for details MKCL website: <https://sugarmart.sets.co.in/>

1. e-Tender notice can be seen on website www.vsisugar.com & <https://sugarmart.sets.co.in>
2. The e- tender submission period is from 30/05/2026 to 06/06/2026, through the sugarmart website
3. e- Tender is to be submitted up to 06/06/2026 with following Documents
 - a) GST Registration
 - b) Udyog Aadhar Card
 - c) PAN CARD
 - e) Copy of Registration Certificate of Trader /Firm/Organization/Industry
 - f) Previous work experience
 - g) 3 Years Income Tax Returns
 - h) Specification of Equipment on Letterhead
4. Pre bid meeting will be held at Vasantdada Sugar institute, Manjari (Bk), Tal. Haveli, Dist. Pune on 04/06/2025 at 15.00 hrs
5. VSI reserves the rights to reject one or all tenders or any items of the tender without Assigning any reason.

Director General

Tender Terms & Conditions

1. Please quote for the rate including freight, warranty, loading & unloading, installation, commissioning and successful operation and taxes separately.
 2. Offer should be valid for 120 days from the last date of submission of Tender
 3. Supplier/Agency will have to complete the order/work as per the purchase/work order. If the supplier/agency failed to complete the job/work within 30 days, penalty equal 0.5% of cost of contract value per week will be recovered as liquidated damages.
 4. The Institute is not responsible for any accidents/claims during the transportation/work/installation of the material/equipment.
 5. Supplier/Agency should submit the delivery challan, without delivery challan/invoice unloading will not be allowed.
 6. The Supplier/Agency should give prior intimation before unloading.
 7. No advance payment is allowed.
 8. Earnest money deposit will be forfeited if supplier withdraw his offer or refuse to sign an agreement of supply after opening of offers.
 9. The decision of Director General, Vasantdada Sugar Institute is binding on supplier in respect of the all dispute.
 10. T.D.S. provisions of I.T. Act are applicable, and according T.D.S. at applicable rate would be deducted from bill amount.
 11. Selected Supplier/Agency will have to deposit the security deposit of 4 % of the total order cost and sign an Agreement before placement/receiving of purchase order on non-judicial stamp paper of Rs.500/-.
 12. The demand drafts of tender form fee and earnest money deposit should be submitted along with offer in envelope no.1 (Technical bid)
 13. 100% payment will be made within 15 days after completion of work as per order/specification & submission of satisfactory work completion report of user department within 30 days from the date of receipt of bill.
 14. Security deposit shall remain in the hands and custody of VSI without interest up to warranty period.
 15. If the Supplier/Agency failed to complete the work ordered, the same would be purchased from other agency at the risk & cost of the firm.
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-: Technical Specifications: -**Polarimeter / Sucrolyzer (As Per Specifications)**

Specification	Details
Measurement scales	°Optical rotation, °Specific rotation, °Z International Sugar Scale, % Concentration (g/mL, g/100mL, g/L) 7 scales freely definable
Measuring range	± 360° / ± 259°Z
Resolution	0.001° / 0.01°Z
Precision	± 0.005° / ± 0.02°Z
Reproducibility	± 0.005° / ± 0.02°Z
Sensitivity	Up to OD 2
Wavelength	589 nm (other on request)
Response time	6 sec. over the entire measuring range
Measuring tubes	Different models, 10 to 200 mm length; Material: glass, stainless steel acid-proof stainless steel; stainless steeltubes
Temperature measurement	NTC Sensor
Temperature range	10 to 40 °C
Temperature regulation	Temperature regulation only with external water bath (specifications vary by model)
Light source	LED, interference filter
Display	7" Touchscreen, 800 x 480 Pixel, 16 Bit color
Operation	Touchscreen, keyboard**, mouse**, barcode-reader**
Interfaces / Communication	Ethernet 10/100/1000, RS232, USB, WLAN**, Modbus**, Canbus**, Profibus**
Conformity	International Pharmacopoeia, OIML, ASTM, ICUMSA, Australian Standard K157

Polarimeter applications:

Polarimetry is an instrumental analytical method using the optical activity of inorganic and organic compounds as a non-destructive measure of their concentration in a solution.

Applications often used:

- Determination of concentration
- Purity analysis
- Quality control
- Scientific analysis

Typical applications of the models:

- Raw, intermediate and final products of sugar cane and beet processing
- Food (sugar, starch, milk and food additives, sugar-free sweeteners like isomalt)
- Dairy products (lactose, sucrose, lactoglobulin, lactic acids)
- Pharmacy (reception and product control)

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