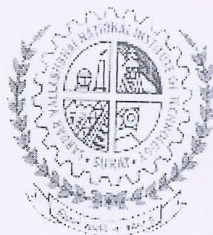


**SARDAR VALLABHBHAI  
NATIONAL INSTITUTE OF TECHNOLOGY  
SURAT – 395 007**



**NOTICE INVITING TENDER  
FOR SUPPLY & INSTALLATION OF MICROWAVE-ULTRASONIC-  
ULTRAVIOLET SYNTHESIS/EXTRACTION/REACTOR AND  
ACCESSORIES  
FOR APPLIED CHEMISTRY DEPARTMENT  
SVNIT, Surat – 395 007  
Tender No: ACD/DST-EMR/SKK/1026**

1. Last date & Time for Submission: 27.12.2018; 5.00 p.m.,
2. Date/Time for Opening of Tender : 03.01.2019 (11:00 a.m.)
3. Venue of Tender Opening at Applied Chemistry Department, SVNIT, SURAT

Dear Sir/Madam,

On behalf of the S. V. National Institute of Technology, offers are invited for the supply of *Microwave-Ultrasonic-Ultraviolet Synthesis/Extraction/Reactor and accessories* conforming to the specifications given in (Annexure-I):

*K. Suresh Kumar*  
22.11.18

*M. S. S.*  
**Head**  
Applied Chemistry Department  
S. V. National Institute of Technology  
SURAT-395007.



# S. V. NATIONAL INSTITUTE OF TECHNOLOGY SURAT – 395 007

## Tender Form

1. Tender form issued to

M/s \_\_\_\_\_

\_\_\_\_\_

Nature of work: Supply, Installation and Training of Microwave-Ultrasonic-Ultraviolet Synthesis/Extraction/Reactor and accessories in Applied Chemistry Department, SVNIT, Surat.

2. Tender form fees : Rs. 500/- paid by DD in favor of “the Director, S. V. National Institute of Technology, Surat, must be enclosed with tender document.

By crossed Demand Draft No: \_\_\_\_\_  
dated \_\_\_\_\_ Drawn on \_\_\_\_\_ payable at SVNIT

3. Tender Reference No:

**ACD/DST-EMR/SKK/1026**

4. Earnest Money Deposit Rs. 25,000/- (rupees only)

By crossed Demand Draft No: \_\_\_\_\_  
dated \_\_\_\_\_ Drawn on \_\_\_\_\_ payable at SVNIT

5. The Earnest Money of above amount will have to be paid by Crossed Demand Draft in favor of “Director, S. V. National Institute of Technology, Surat, and enclosed along with the tender documents. EMD shall not bear any interest and without this amount. The tender shall not be considered No correspondence in this regard shall be entertained.

6. Name of the Authority

**The Director, S. V. National Institute of Technology,  
Surat – 395 007, Gujarat.**

## TENDER DOCUMENT

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Note:

1. Prospective Sealed Tender may submit their offers to **The Director, S. V. National Institute of Technology, Kind Attention: Dr Suresh Kumar, PI-DST-EMR, Applied Chemistry Department, Surat – 395 007, Gujarat, on or before 5.00 PM on 27<sup>th</sup> December 2018.**
2. Tender fee may be deposited to account section and a Xerox copy of receipt must be enclosed or demand draft of tender fee must be attached along with the tender documents.

**ANNEXURE - I**

**SPECIFICATION FOR MICROWAVE-ULTRASONIC-ULTRAVIOLET SYNTHESIS/EXTRACTION/REACTOR AND ACCESSORIES**

Item	Specifications	Quantity
<u>Microwave-Ultrasonic-Ultraviolet Synthesis/Extraction/Reactor System and accessories</u>	Microwave Frequency	2450 MHz or better
	Material	Instrument should be made up of Industrial Grade Corrosion resistant Stainless Steel
	Installed Microwave Power	1800W or higher
	Microwave Output Power	1000 W or higher with automatic variable frequency control with an increment of 1 W.
	Temperature measurement And Control	Instrument/reactor should be equipped with high precision sensor for recognition and control of operating temperature from 0°C to 300°C (+/- 1°C)
	Display	Instrument/reactor should have acid resistant touch screen/digital screen
	Monitoring	Reactor should be equipped with high resolution camera to monitor reaction
	Stirring	Reactor should have mechanical and magnetic modes with controlling speed
	Software	Reactor/instrument should have programme and consist with software for controlling and operating of power supply, speed, and etc.,
	UV Light Setup	UV reactor should consist 254 & 365nm with a power of 300W or more wavelength options i.e., IR range
	Ultrasonic condition	26-28KHz or higher version
	Ultrasonic power conditions	0 – 800 W or higher version
	Reaction flasks Volume of glass flask and accessories (25, 50, 100, 250, & 500 mL), Reflux condensing, water oil separator, T connector.	Reactor should have different volume of reaction flasks (25, 50, 100, 250 and 500 mL)
	Reaction mode	Reactor should have facility for reflux condensing, water oil separator and T connector
	Volume of Quartz Vessels	Reactor should be supplied with different volume of the Quartz vessels including, 25, 50, 100 & 250 mL.
Safety	Reactor should be equipped with indicator for giving warning about temperature, cooling and power supply	
Warranty	3 – 5 Years	
		01

Ø Please quote the price in both currency Indian rupees and foreign currency as given below

Sr. No	Item Description	Indian Rupees	Foreign Currency
1			
Total with Taxes & Duties			

*K. Suresh Babu*  
22.11.18

*[Signature]*  
**Head**  
Applied Chemistry Department  
S. V. National Institute of Technology  
SURAT-395017.

**II TERMS & CONDITIONS**  
**Please Fill-up the Following Details**

1. Mode of Delivery : F.O.R. SVNIT Basis Only
2. If delivery is Ex-godown/shop/show room the rate of packing, forwarding and freight charge etc. must be specified clearly. : \_\_\_\_\_%
3. Taxes : Exclusive / Inclusive
- (a) If exclusive, rate of
- (1) Sales Tax : \_\_\_\_\_%
- (2) Surcharges on S.T. : \_\_\_\_\_%
- (3) GST : \_\_\_\_\_%
- (4) Service Tax if any : \_\_\_\_\_%
4. Excise duty : Exclusive / Inclusive
- Rate of Excise duty, if applicable : \_\_\_\_\_%
5. Delivery Period **including installation**, : \_\_\_\_\_ **Days**
- Commissioning, Testing & Training**
6. Payment : \_\_\_\_\_ **Days after commissioning & Testing and Training of system**
7. Validity : \_\_\_\_\_ **Days (more than 90 days)**
8. Discount to Academic Institute : \_\_\_\_\_ %
- 9 Warranty : **5 Years Minimum**
10. Telephone No. :  
Fax No. :  
E-Mail Address :
11. Remarks :

**SIGNATURE OF THE PARTY WITH  
FULL ADDRESS & STAMP**

**NOTE:** Tender No., Date with due date and quotation for the item should be mentioned on your envelope.

## **SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT**

### **III General Terms and Conditions.**

1. The Tender for item (equipment/instrument) must be submitted with the name of equipment/ instrument / clearly mentioned on the top of the envelope along with the Tender Reference Number. The offer should be complete with set of manuals, catalogue, technical literature user's manual and other relevant manuals.
2. The tender / bid for the supply to be submitted in sealed envelope to The Director, Sardar Vallabhbhai National Institute of Technology, Surat, Kind Attn. Dr. Suresh Kumar, Applied Chemistry on or before 5:00 PM on 27<sup>th</sup> December 2018.
3. The Brand or make to be specified clearly
4. The material should be delivered on FOR at Institute, Surat basis
5. The goods are required to be duly insured with any nationalized insurance company and the insurance charges will be borne by the institution against the relevant voucher of the insurance company concerned, if the material is to be supplied on Ex-Works basis.
6. The packing & forwarding Charges should be clearly indicated in the bid.
7. All concessions available to an educational institute should be specified
8. The Institute exempted from the payment of Custom Duty in terms of Govt. Notification No. 51/96- Custom Dtd. 23/07/1996 and Central Excise Duty in terms of Govt. Notification No. 10/97 Central Excise Dtd. 01/03/1997. The certificate to this effect can be issued by the Institute on demand in admissible cases.
9. The taxes and duties must be clearly indicated in the bid
10. The bid must be valid for minimum 60 days. Offers subject to prior sale should be avoided
11. The delivery period should be clearly mentioned in the bid
12. The goods after inspection, if found defective or damaged or not according to the specifications of this supply order will be returned to you at your cost and risk.
13. The payment will be made within 30 days from the date of receipt, acceptance, Installation of goods, if found satisfactory and training, if required,.
14. The Guarantee / Warrantee period should be clearly indicated in bid
15. The bid may be rejected if any ambiguity is found in offered specification, terms and conditions offered by the bidder
16. The Director reserves the right to accept the material, which are not strictly in confirming with the specifications but otherwise found suitable
17. The Director reserves the right to accept the offer other than lowest without assigning the reasons what so ever it may be
18. In case of dispute, the matter will be subject to Surat Jurisdiction only.
19. The sole responsibility of Authenticity for proprietary certificate and sole distributor certificate lies with manufacturer / sole distributor
20. In case of the **authorised dealers quoting on behalf of manufacturers a copy of certificate stating that the equipment being quoted by the party** is on behalf of the concerned manufacturer and manufacturer undertake the responsibility to provide the after sales maintenance of the equipment must be enclosed.
21. The rate should be inclusive of all taxes with F.O.R. destination at Sardar Vallabhbhai National Institute of Technology Surat. The rates must be quoted as per format specified in the **SUMMARY SHEET**. **Note:** The Institute cannot issue 'C' or 'D' forms for tax concessions.

22. In case of delay in satisfactory completion of work a penalty of 5% (five percent) of the total value will be levied for each week of delay or part thereof. The total penalty shall be debited from the amount to be paid to the successful bidder.
23. The supplier or the Indian representative should give performance warranty for (a) The complete system for the warranty period specified by the supplier from the date of the completion of the satisfactory installation.
- (b) The warranty period in no case shall be less than **Five** years from the date of satisfactory installation of the Instrument.
24. The supplier or the Indian representative should provide necessary training, for minimum two persons for operation and one person for Trouble shooting & servicing of the entire system. No extra charges will be paid for the training.
25. The supplier shall arrange for repair/replace of the defective/worn out components of the unit at this Institute premises during the guarantee period at purchaser's first instructions within 15 (fifteen) days. This will be carried out at the cost of supplier and no charges whatsoever will be paid including T.A. and D.A. of the Service Engineer for the same.
26. **The suppliers/Dealers who are submitting their Tenders are required to successfully demonstrate the performance to the satisfaction of the institute committee. Tenders of only those suppliers who have satisfied the committee by their instrumentation performance will be considered.** In the event of material supplied are not being in accordance to the specifications of items ordered or is found in damaged condition, the supplier will at his cost and risk, arrange to replace the same without any claims whatsoever for the same.
27. In case the quoted rates are as per the valid and prevailing contract with **DGS&D**, New Delhi, the supplier shall furnish a certified photocopy of the same to the purchaser. It may also be mentioned whether supplier can accept a direct order based on DGS&D rate contract.
28. The tender, as quoted once shall be considered final. Only first out of many options quoted will be considered. No change, alterations and modifications shall be permitted at a later stage. Incomplete tenders will be rejected without assigning any reason.
29. The **validity** of the Tender may be kept open for a minimum period of **90 days** after the receipt of the offer. However, it is desirable to have a longer validity period.
30. **The Earnest Money Deposit: Rs.25,000** /- (Rs. Twenty Five Thousand Only).  
The Earnest money will have to be paid by Crossed Demand draft drawn in favour of Director, S. V. National Institute of Technology, Surat, and enclosed along with the Tender documents. This amount will be refunded later (**only after** satisfactory execution of the purchase order), on receipt of written request from supplier. EMD shall not bear any interest and without this amount, the Tender shall not be considered. No correspondence in this regard shall be entertained.
- NOTE:** After receiving the purchase order, if the supplier is failed to execute the order, the EMD will be **forfeited** and institute will be constrained to make note of this for necessary action against the party.
30. Selling exchange rate/equivalent to Indian currency will be as on the date of tender opening in the case of single bidding and the rate on the date of opening of the priced bids in the case of two-part bidding.
31. **Prices**
- Ø The price should be **quoted in net per unit** (after breakup) and must include all packing and delivery charges to various Departments/Centers/Institutions. The offer/bid should be

exclusive of taxes and duties, which will be paid by the purchaser as applicable. However the percentage of tax & duties should be clearly indicated.

The price should be quoted without custom duty and excise duty, since SVNIT is exempted from payment of excise duty, and the custom duty will be paid at concessional rate against duty exemption certificate.

- Ø In case of Foreign Currency bid: - Price criteria should be FOB nearest airport detail break up of Price, FCA cost, Agency Commission, Insurance, Freight up to Mumbai Airport is required.

**32. Payment:**

This Institute is a Technical Education National Institute under MHRD, Govt. of India. The Government Auditors have objected for making payment in a Advance against delivery / documents through Bank and hence, the payment is normally made by cheque drawn on the SBI, SVNIT Branch, Surat within a period of 30 days from the date of satisfactory installation, testing and training of unit / Supply of Item. **In any case no advance payment will be made.**

33. The goods are required to be duly insured with any Nationalized Insurance Company and the insurance charges will be borne by the institution against the relevant documents of the insurance company.

34. SVNIT, Surat has the right to accept the whole or any part of the Tender or portion of the quantity offered or reject it in full without assigning any reason.

**DIRECTOR  
SVNIT**



#### IV. DECLARATION

I/We hereby declare that the terms and conditions of the Tender stated herein, and as may be modified / mutually agreed upon are acceptable and binding to me/us.

Name and Address of  
Supplier/Manufacturer

Name and Signature of Tenderer  
with Office Stamp

**Place:** \_\_\_\_\_

**Telephone No:** \_\_\_\_\_

**Fax Number:** \_\_\_\_\_

**Email:** \_\_\_\_\_

**Mobile No. :** \_\_\_\_\_

**Date:** \_\_\_\_\_