

Tender Ref No: RGUKT/NZD/E-Proc./Department of Chemistry/Engineering Chemistry Lab/T14/2022

Date.26.04.2022

**BID DOCUMENT**  
**E-Procurement**  
**Open Competitive Bid (OCB)**  
**For**  
**Supply and Installation of Engineering Chemistry Lab**  
**Equipment**  
**at**  
***RGUKT-NuzvidCAMPUS***



**RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES**

**RGUKT-NUZVID CAMPUS**

**Mylavaram road, Nuvid, Andhra Pradesh-521202**

**[www.rguktn.ac.in](http://www.rguktn.ac.in)**

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## CONTENTS

Description	Page No.
Paper advertisement	5
Time Schedule	6
Invitation for Bids	8
Statement of important limits and values of bid	10
Tender Schedule	12
Technical Bid check list	32
Bidder Letter Form	34
Bidder Information Sheet	36
List of major Customers	37
Non Black listing Certificate	38
Technical Compliance statement	39
Financial Bid	40

**News paper advertisement**

**E-Procurement Tender Notice**



**RAJIV GANDHI UNIVERSITY OF KNOWLEDGE  
TECHNOLOGIES-NUZVID**

**Nuzvid (V), Nuzvid (M), Eluru District, Andhra Pradesh – 521202**

**E-procurement Tender Notice**

**E-tenders** are hereby invited for (i) Supply and installation of lab equipment to various Engineering Departments (a) Engineering Physics (T13) (b) Engineering Chemistry (T14) (c) Civil Engineering (T15 & T16) (d) Electronics and Communication Engineering (T17) (e) Materials and Metallurgical Engineering (T18 & T19) (f) Desktops for computational Lab (T20) (ii) Supply and installation of color photocopier machine (T21) to RGUKT-Nuzvid Campus, Eluru District, Andhra Pradesh-521202. Interested bidders can download and submit the bids online from 26.04.2022 through <https://tender.apecurement.gov.in> (AP Portal). For further details please visit our website: [www.rgukn.ac.in](http://www.rgukn.ac.in) or <https://tender.apecurement.gov.in> (Andhra Pradesh Portal).

Interested bidders can download and submit the bids online from 26.04.2022 through <https://tender.apecurement.gov.in> (AP Portal). For further details please visit our website: [www.rgukn.ac.in](http://www.rgukn.ac.in) or <https://tender.apecurement.gov.in> (Andhra Pradesh Portal).

Sd/-

Administrative Officer (i/c), RGUKT-Nuzvid

**Time schedule of various tender related events**

Supply and Installation of Engineering Chemistry Lab Equipment at RGUKT-Nuzvid, Andhra Pradesh

Reference No	RGUKT/NZD/E-Proc./Department of Chemistry/Engineering Chemistry Lab/T14/2022
Bidcalling date	26-04-2022
Tender Fee (Nonrefundable)	Rs.2000 /-
EMD(refundable)	Rs.30,000/-
Bid Documents Downloading Start date	26-04-2022 at 10.00 AM
Pre Bid Meeting	04-05-2022 at 11.00 AM
Bid Document Downloading End Date	17-05-2022 at 5.00 PM
Last date for uploading of online documents	17-05-2022 at 5.30 PM
Last date for submission of Hard Copies of necessary documents (scanned copies)	18-05-2022 at 5.00 PM
Technical Bid opening date/time	19-05-2022 at 11.30 AM
Price Bid opening date/time	19-05-2022 at 12.00 Noon
Bid Validity Period	180 days from the date of opening of commercial bid
EMD Validity Period	90 days from the date of opening of commercial bid
Delivery Schedule	Within four weeks from the date of receipt of notification of award
Payment terms	90% Payment shall be released after the successful delivery and installation of the equipment and balance 10 % of the amount will be paid after two months after obtaining satisfactory certificate from the concerned department.

**Note:** The dates stipulated above are firm and under no circumstances they will be relaxed unless extended by an official notification or happen to be Public Holidays. For the assistance in the online submission issues, the bidder may contact the help desk of M/s. VUPADHI (<https://tender.approcurement.gov.in>) at their e-mail address: [contact@vupadhi.com](mailto:contact@vupadhi.com).

For any clarification and further details on the above tender please call/whatsapp: 8919744960

**CLARIFICATIONS:**

- i. Queries if any can be made through e-mail only on [purchases@rguktn.ac.in](mailto:purchases@rguktn.ac.in) on or before 04.05.2022 at 05:00PM. Queries received via any mode other than e-mail id mentioned above will not be entertained. The queries should only be sent in following format on the official letter head of the company.

S. No.	Page No. (Tender Ref.)	Clause (Tender Ref.)	Description (Tender Ref.)	Query

- ii. The addendum/corrigendum if any shall be published on RGUKT-Nuzvid, Andhra Pradesh website i.e. [www.rgukt.in](http://www.rgukt.in) or [www.rguktn.ac.in](http://www.rguktn.ac.in) as well as on e-procurement platform <https://tender.apecurement.gov.in>.
- iii. The service providers are requested to submit the bids after issue of clarifications duly considering the changes made if any. Service providers are totally responsible for incorporating/complying the changes/ amendments issued if any.

Sd/-

Administrative Officer (i/c),

RGUKT-Nuzvid, AP.

## INVITATION FOR BIDS

Ref. No: **RGUKT/NZD/E-Proc./Department of Chemistry/Engineering ChemistryLab/T14/2022**Date:26-04-2022

**Subject:** Tender for Supply and Installation of Engineering ChemistryLab Equipment at RGUKT-NZD,AP-Reg

Sir/Madam,

1. Bids are invited on the e-procurement platform from the Original Equipment Manufacturers (OEM)/Authorized distributors/Suppliers for supply and Installation of Engineering ChemistryLab Equipment at RGUKT-NUZVID, AP, Nuzvid, Nuzvid (M), Elurudistrict. The details of bidding conditions and other terms can be downloaded from our website [www.rguktn.ac.in](http://www.rguktn.ac.in) as well as on e-procurement platform <https://tender.a procurement.gov.in>.
2. Bidders would be required to register on the e-Procurement market place“[www.a procurement.gov.in](http://www.a procurement.gov.in)” and submit their bids online. On registration with the e-Procurement market place they will be provided with a user id and password by the system through which they can submit their bids online.
3. The bidders need to scan and upload the required documents as per the Check list given. Such uploaded documents pertaining to technical bid need to be attached to the tender while submitting the bids online. The attested copies of all these uploaded documents of technical bid, signed undertaking of tenderer should be submitted offline to the Administrative officer(i/c), RGUKT-Nuzvid,AP by 04.00 PM on 18.05.2022  
The hard copy of the financial/price bid should not be submitted.The RGUKT-Nuzvid will consider only the bids submitted through online over the copies of the paper based bids.
4.
  - a) The participating bidder(s) will have to pay non-refundable tender processing fee Rs.2,000/- in the form of Demand Draft drawn from any Nationalized Bank, in favour of The Director, RGUKT-NZD,AP payable at Nuzvid.
  - b) Further the bidder(s) shall furnish, as part of it bid, the EMD/Bid security for the amount specified in Section II of the tender document be paid in the form of Demand Draft drawn from any Nationalized Bank in favour of **The Director, RGUKT-NZD,AP** along with bids.
  - c) All the participating Service providers who submit the bids have to pay transaction fee and GST as levied by Govt. of India through online in favor of MD, APTS. The amount payable to APTS is non-refundable.
  - d) RGUKT will not accept the tenders from blacklisted companies or undependable Suppliers whose past performance with RGUKT-AP was found poor due to delayed and/or erratic supplies and those with frequent product failures, and also against whom there have been adverse reports of Sub-Standard Quality / Poor Service of Equipment supplies, as defined in the other parts of the Bidding document.
5. Any information pertaining to the tender process and the submission of supporting documents shall not be entertained after the due date.

The bidders are requested to read the tender document carefully and ensure compliance with all specifications/instructions herein. Non-compliance with specifications/instructions in this document may disqualify the bidder from the tender exercise.

For any clarification and further details on the above tender please call/Whatsapp: 8919744960 during 10.00 AM to 5.00 PM or e-mail: ao@rguktn.ac.in

Sd/-  
Administrative Officer(i/c)  
RGUKT-Nuzvid,Andhra Pradesh

**NOTE:**

**After uploading the documents, the copies of the uploaded technical bid documents along with original Demand Drafts in respect of Bid Security and Bid document fee have to be submitted. Physical submission of price bids will not be entertained.**

**SECTION II**  
**STATEMENT OF IMPORTANT LIMITS/VALUES RELATED TO BID**

Item	Description
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Work Description	Supply and Installation of Engineering Chemistry Lab Equipment at RGUKT-Nuzvid, AP.
EMD /Bid Security	Rs.30,000/- (Rupees Thirty Thousand only) <b>(by way of Demand Draft from any nationalized bank)</b>
Bid Validity Period	180 days from the date of opening of commercial bid
EMD Validity Period	90 days from the date of opening of commercial bid
Period for furnishing performance Security	Within 10 days from date of receipt of award
Delivery Schedule	The items must be delivered within 6 weeks from the date of Purchase Order.
Performance security value	10 % of Order value
Performance security validity period	36 months from date of installation or 39 months from date of delivery whichever comes earlier
Period for signing the order Acceptance	Within 7 days from date of receipt of notification of award
Warranty	3 years comprehensive warranty
<b>Payment terms</b>	
Payment of bill	Payment for goods and services shall be made in Indian rupees as follows. 1. 90% of the Order value will be paid after Installation and commissioning. 2. Balance 10% of the Order value will be paid after two months after obtaining the satisfactory certificate concerned department.
Penalty for delay in supplies	For delays:- If the supplier fails to deliver any (or) all of the goods or perform the services within the time period specified in the contract the purchaser shall without prejudice to its other remedies under the contract deduct from the contract price as liquidated damages a sum equivalent to 2% of the contract value per a week until actual delivery or performance up to a maximum deduction of 10% of the delayed goods or services contract price. Once the maximum deduction is reached, the purchaser may consider the termination of the contract duly forfeiting the performance security etc.
Placing purchase order	<ul style="list-style-type: none"> <li>➤ RGUKT-Nuzvid will place order on identified successful bidder.</li> <li>➤ All the payments shall be made directly by RGUKT-Nuzvid to the successful bidder as per the tender terms and conditions.</li> <li>➤ RGUKT-Nuzvid can split the order basing on the quoted price and service track record of the firm. The decision of RGUKT is final in this regard.</li> </ul>
Transaction Fee	All the participating bidders who submit the bids have to pay an amount @ 0.04% of their final bid value online with a cap of Rs.10,000/- for quoted value of purchase up to Rs.50 crores and Rs.25000/- if the purchase value is above Rs.50 crores & GST applicable as levied by Govt. of India on transaction fee through online in favour of The Managing Director,

	APTS. The amount payable to APTS is non refundable.
Bid submission	Online through e-procurement platform i.e. <a href="http://www.apecurement.gov.in">www.apecurement.gov.in</a> .
Other conditions	<ol style="list-style-type: none"> <li>1.The Documents that are uploaded one-marketplace will only be considered for Bid Evaluation.</li> <li>2. After uploading the documents, the copies of the Uploaded technical bid documents along with original Demand Drafts in respect of EMD/Bid Security and Tender processing fees (DD) have to reach Administrative Officer (i/c),RGUKT-Nuzvid, Nuzvid, Nuzvid (M), EluruDt., Andhra Pradesh – 521202</li> <li>3.RGUKT-Nuzvid will not hold any risk and responsibility regarding non-visibility of the scanned and uploaded documents.</li> <li>4. RGUKT-Nuzvid will not hold responsibility for the postal delay.</li> <li>5. Failure to furnish any of the uploaded documents,certificates will be entitled in rejection of the bid.Similarly, if any of the certificates, documents, etc.,furnished by the Serviceproviders are found to be false/fabricated/bogus, the Service provider will be disqualified,blacklisted and action will be initiated as deemed fit and the Bid Security will be forfeited.</li> <li>6. The rates should be quoted through online only.</li> <li>7. The financial bids of the Service Providers, who qualified the technical bid, shall only be opened.</li> </ol>

## TENDER SCHEDULE

### 1. PREAMBLE:

The Government of Andhra Pradesh has established Rajiv Gandhi University of Knowledge Technologies (RGUKT) in 2008 to cater to the educational needs of the meritorious rural youth of Andhra Pradesh state. RGUKT-Nuzvid is one of its autonomous campuses started in 2008. The Institute provides an ambience of excellence for the pursuit of knowledge leading to B.Tech degree in different branches of Technology.

Rajiv Gandhi University of Knowledge Technologies-Nuzvid, AP invites online tenders for Supply and Installation of Engineering Chemistry Lab Equipment at RGUKT-Nuzvid, AP from reputed Original Equipment Manufacturers (OEM)/Authorized distributors through e-procurement platform (i.e. [www.apecurement.gov.in](http://www.apecurement.gov.in)).

### 2. SCOPE OF WORK:

Supply and Installation of Engineering Chemistry Lab Equipment at RGUKT-Nuzvid, Andhra Pradesh

S.No	Item Name	Specifications	Quantity required
1	Digital photoelectric Colorimeter	<p>Digital photoelectric Colorimeter with the following specifications and accessories:</p> <ul style="list-style-type: none"> <li>• Wave Length Range: 400nm to 700nm with 8 optical Filters</li> <li>• Filter's peak wave length: 420nm, 440nm, 490nm, 520nm, 540nm, 570nm, 600nm, 700nm.</li> <li>• Measuring modes: %T &amp; Abs</li> <li>• Photometric Resolution: 1% T &amp; 0.01Abs upto 1.99Abs</li> <li>• sample volume: 1ml in 4ml Test tube</li> <li>• Display: 3 Digit LED</li> <li>• Light source: White LED</li> <li>• Detector: Hermitically sealed photodiode</li> <li>• Power: 230V+/-10%, 50Hz</li> <li>• Accessories: 4 test tubes</li> </ul> <p><b>and all other accessories required to perform the experiment</b></p>	4 No's
2	Digital pH Meter	<p>pH Meter with the following specifications and accessories:</p> <ul style="list-style-type: none"> <li>• Type : Table -top</li> <li>• Display type : 3 ½ Digit LED Display</li> <li>• pH range : 0 to 14Ph</li> <li>• Milli volte range : 0 to 1999 mV</li> <li>• Slop correction : 85% -115%</li> <li>• Resolution : 0.01 PH, 1 mV in mV mode</li> <li>• Repeatability : ±0.01pH ±1 digit for pH ±0.01pH ±1 digit for Mv</li> <li>• Standardization Rate : ±1 pH</li> <li>• Temperature compensation : 0 to 100<sup>0</sup> C</li> <li>• Power supply : 230V ±10% 50 Hz</li> <li>• Accessories : Combined Electrode : Stand &amp; Clamp : Pt. Electrode (Redox)</li> </ul>	8 No's

		Electrode) & Calomel Electrode Temperature probe (PT-100)  <b>and all other accessories required to perform the experiment</b>	
3	Digital Conductivity-TDS meter with cell and Temperature Probe	<ul style="list-style-type: none"> <li>• Source Frequency : 100Hz – 1 KHz automatically selected</li> <li>• Conducvity Range : 0µs to 20ms with 0.1 cell constant and 0µs to 200 ms with 1 cell constant (5 decadic ranges)</li> <li>• TDS : 0 ppm TO 20 ppt with 0.1 cell constant and 0 PPM to 200 PPT with 1 cell constant (5 decadic ranges)</li> <li>• Temperature : 0 – 100<sup>0</sup> C (Auto/Manual)</li> <li>• Display type : 3 Digit LED</li> <li>• Power : 230 V+ -10% 50 HZ</li> <li>• Conductivity Resolution : 0.1µS is lowest range with cell constant of 0.1</li> <li>• TDS resolution Range : 0.1 ppm is lowest range with cell constant of 0.1</li> <li>• Temperature Resolution: 1<sup>0</sup>C</li> <li>• Conductivity/ TDS Accuracy: ±1% of f.s.± 1 Digit</li> <li>• Temperature Accuracy:±1<sup>0</sup>C ±1Digit</li> <li>• TDS-Factor: 0-1.00</li> <li>• Temperature Sensor: PT 100</li> <li>• Accessories: 1 cell constant cell 0.1 cell constant cell</li> </ul> <p>Clamp and Stand <b>and all other accessories required to perform the experiment</b></p>	6 No's
4	Digital Potentiometer	<ul style="list-style-type: none"> <li>• Input Configuration : Bipolar</li> <li>• mV range : 0 to ± 1999 V</li> <li>• mV Resolution : 1 mv</li> <li>• Polarisation Current : 1µA for metal to metal Electrode</li> <li>• Input impedance :<sub>10</sub><sup>11</sup>Ohms</li> <li>• Polarity : Automatic</li> <li>• Magnetic Stirrer : Inbuilt with variable speed control</li> <li>• Over Range : Last 3 digits blinking</li> <li>• Display : 3 ½ digit LED/LCD</li> <li>• Power : 230 V AC± 10% 50HZ</li> <li>• Accessories : Pt.&amp; Reference electrode, Electrode stand &amp; Clamp, Magnetic stirrer pedal</li> </ul> <p><b>and all other accessories required to perform the experiment</b></p>	6 No's
5	Digital spectro photo meter	<ul style="list-style-type: none"> <li>• Wavelength range : 340 to 960 nm</li> <li>• Wavelength accuracy : ± 5 nm</li> <li>• Wavelength Read out : 5 nm</li> <li>• Wavelength Display : Dial</li> <li>• Spectral Bandwidth : 10 nm</li> <li>• Photometric Accuracy : ± 0.005 Abs at 1.000 Abs</li> <li>• Photometric Resolution : 0.1% T, 0.001 Abs</li> </ul>	2 No's

		<ul style="list-style-type: none"> <li>• Photometric Read out : 4 digit seven segment LED</li> <li>• Grating : 600 lines per mm</li> <li>• Source : Tungsten Halogen Lamp</li> <li>• Detector: Wide range silicon photodiode</li> <li>• Sample Holder : Single position 10 mm cuvette holder</li> <li>• Min. Sample Volume: 1 ml in 4 ml cuvette</li> <li>• Measuring Mode : Auto <ul style="list-style-type: none"> <li>a) % Transmittance</li> <li>b) Absorbance</li> <li>c) Concentration</li> </ul> </li> <li>• Power : 230 V, <math>\pm 10\%</math>, 50 Hz</li> <li>• Accessories : Tow Glass Cuvettes, Single position 20/50 mm Cuvettes Holder</li> </ul> <p><b>and all other accessories required to perform the experiment</b></p>	
6	Melting point operator	<ul style="list-style-type: none"> <li>• Heating range : 0-300°C</li> <li>• Accuracy: <math>\pm 0.1^\circ\text{C}</math></li> <li>• Display : Digital LED Display</li> <li>• Lens to view the sample slow/ fast heating arrangement to be provided</li> <li>• Magnetic stirrer for uniform heating</li> <li>• Power : 230 V, <math>\pm 10\%</math>, 50 Hz</li> </ul> <p><b>and all other accessories required to perform the experiment</b></p>	2 No's
7	Digital Cleave land Flash/Fire point operators	Resolution: 0.1°C Controller Accuracy: 0.5°C Flash Detection Accuracy: $\pm 1^\circ\text{C}$ Load: 1Kw Voltage :230V Phase :Single Phase <p><b>and all other accessories required to perform the experiment</b></p>	6 No's
8	viscometer	<ul style="list-style-type: none"> <li>• <b>Principle of measurement Rotationviscometer ASTM / DIN ISO 2555 / ISO 3219 oder MS-R Standards</b> <b>Rotational Speed rpm 0,3 / 0,5 / 0,6 / 1 / 1,5 / 2 / 2,5 / 3 / 4 / 5 / 6 / 10 12 / 20 / 30 / 40 / 50 / 60 / 100 / 200 / 250 / 300 400 / 500 / 600 / 700 / 800 / 900 / 1000 / 1100 1200 / 1300 / 1400 / 1500 Torque 0,1 ... 30 mNm Viscosity 20 ... 510 000 000 mPa·s (cP) Temperature integrated PT 100 sensor</b></li> <li>• <b>-20 ... +120 °C Display ads temperature Revolutions / min. or shear number torque measuring system viscosity time Energy supply 90 ... 240 V AC 50 / 60 Hz Dimension probe evaluation unit</b></li> <li>• <b>310 mm x 75 mm Ø 140 x 245 x 62 mm Weight 2 kg</b></li> </ul> <p><b>and all other accessories required to perform the experiment</b></p>	2 No's
9	Hot plate 8 inch round Ms top Kemi	Size: 8" Dia Temperature (deg. Celsius): 350degC Rating: 1.2 kW to 2.0 Kw <p><b>and all other accessories required to perform the experiment</b></p>	4 No's
10	Hot plate 25 cm X 30 cm	Amperage :13.3A Dimensions: 25cmx30cm	4 No's

		Hertz: 50/60Hz Temperature Range (Metric): 150° to 371°C <b>and all other accessories required to perform the experiment</b>	
11	Hot Air Oven 45x45x45	Heating Element: High Grade Nichrome Wire Power: 1.2 to 4 kw Air Circulation: Motorized Recirculation No of Chamber: Two Insulation: Special Grade Glass Wool Tray: Stainless Steel Dimensions :6x4x4 <b>and all other accessories required to perform the experiment</b>	1 No's
12	Vacuum pump	Noise Level: 60 / 61 / 66 Db Rotating Speed: 1450 rpm Ultimate Vacuum: 150 mbar (abs.) <b>and all other accessories required to perform the experiment</b>	4 No's
13	Muffel furnace	Rectangular Muffel Furnace Type of model :Industrial Chamber size :300X150X150mm Phase:Single Frequency :50HZ Voltage:220V Temperature Range:900°C to 1000°C <b>and all other accessories required to perform the experiment</b>	1 No's
14	Magnetic Stirrer with Hot Plate 1MLH (1Lt) Remi	Stirring capacity: 1 Heating capacity: 150 External Dimensions: 200x225x185 Capacity : 1-MLH Speed range(RPM) : MAX. 1000RPM ø x length : 9x25mm Temperature range : 120°C <b>and all other accessories required to perform the experiment</b>	2 No's
15	Water Bath 6holes double wall Kemi	Product :Double Wall Rectangular Water bath Capacity:8Ltrs No of Holes :6 Temperature:100Deg C Dimensions: 300x250x100 mm Power Supply:220/230 Volts A.C <b>and all other accessories required to perform the experiment</b>	2 No's
16	Distilled Water Still Wall hang SS 4lt/1hr with cut off Kemi	Type: Water Distillation Unit Capacity (Ltr/hour): 4 Ltr/hour Phase : Single Phase 3 KW Heater Power Supply :50/60 Hz , 220/240 V, Conductivity Range : 1.5-2.0µS/cm Weight : 6 Kg Approx. Water Supply : Min flowrate 1 ltr/min Ph Range : 5.5-6.0 Ph Temperature:25.0°C-40.0°C Dimensions : 50x15x46 cm <b>and all other accessories required to perform the experiment</b>	2 No's
17	Refrigerator LG	Capacity 192 Liters Refrigerator Fresh Food Capacity 167 Liters	1 No's

		Freezer Capacity 25 Liters Installations Type Free-Standing Part Number RR20M172ZU2/DP Form Factor Standard Single Door Colour Star flower blue Defrost System Direct Cool Shelf Type Toughened Glass Number of Shelves 2 Power Rating 5 star <b>and all other accessories required to perform the experiment</b>	
18	Magnetic Pellets	Magnetic Pellets_Pcs of different sizes 20 X7 -4pcs 25 X10-4pcs 25 X7 -4pcs 15 X6- 4pcs PTFE Magnetic Stirrer Mixer Stirring Bar Rod Bead Lab Olive Shape. <b>and all other accessories required to perform the experiment</b>	4 Pcs each
19	Soxhlet apparatus 1000 ml Glass	Total Set with Borosil glass <b>and all other accessories required to perform the experiment</b>	3 No's
20	UV Cabinet long and short wave Kemi	UV Cabinet: Compact Light Weight Seperate long UV (365nm),Short UV(254nm)& Visible Sources <b>and all other accessories required to perform the experiment</b>	1 No's
21	Distillation apparatus glass 1000ml	Total Set with Borosil glass <b>and all other accessories required to perform the experiment</b>	4 No's
22	CST experiment kit delta (phenol – water system- expt apparatus total)	CST kit Beaker 250 ml graduated Cst Stirrer inner Cst Stirrer outer Boiling tube 25 X 150 Cst thermometer 110deg 1/10 accuracy Thermometer clamp Universal Clamp 1 no Retort stand 8 X5 X24 Rubber cork splittedNO.7 <b>and All other accessories required to perform the experiment</b>	4 No's
23	Laboratory stirrer with PMDC motor RQ/ 121D Remi(Brand)	Digital speed indicator Impeller :Axial turbine Max speed Range:2000RPM Product:Direct Drive Stirrer Stirling shaft Diameter length:8X50mm Stirling Capacity :10 lts Stirring fluid : motor/light oil <b>and All other accessories required to perform the experiment</b>	2 No's

24	Membra filtration assembly 1000mL	Total Set with Borosil glass and <b>All other accessories required to perform the experiment</b>	5 No's
25	Balance citizen(0.001=1mg)	Type of Product : Electronic Weighing Balance Capacity : 300g Least Count : 0.001g Display count : LCD Platter size : 110mm <b>and All other accessories required to perform the experiment</b>	1 No's
26	Balance Sartorius (0.001=1mg)	Type of Product : Electronic Analytical Digital Balance Weighing Balance Capacity : 300-500g Least Count : 0.001g Display count : LCD Platter size : 110mm <b>and All other accessories required to perform the experiment</b>	1 No's

### **Important Notes:**

**1) All the necessary equipment and accessories to perform all the above mentioned experiments should be supplied.**

**2) Minimum 3 years warranty should be given for all the equipment's/setup/kits.**

### **3. INCOME TAX:**

During the course of the contract period, deduction of income tax and surcharge as in force at source shall be made at the prevailing rate of income tax department issued from time to time on the gross amount of each bill.

### **4. RATES, TAXES AND DUTIES:**

All the rates in the tender shall be inclusive of all statutory compliance's like GST etc.

### **5. ELIGIBILITY CRITERIA:**

- a) Tender document with proper seal and signature of authorized person on each page of the bid submitted in token of acceptance of all the terms and conditions of the tender schedule. The person signing the bid should be the duly authorized representative of the firm/ company whose signature should be verified and certificate of authority should be submitted.
- b) Bidder must have registered firm in India. Self-Attested copy of Registration certificate, GST, PAN Card as applicable shall be enclosed.
- c) A Certificate by the auditor/CA/CS indicating the turnover of the firm should be enclosed. The bidder should have minimum average turnover of Rs.10 Lakhs for any three years out of last five financial years. Audited balance sheets and income tax returns for any two years out of last 5 financial years shall be enclosed.
- d) ISO certificate or equivalent in Laboratory Infrastructure is to be submitted. In case of authorized distributor of OEM, ISO certificate of OEM as well as bidder shall be submitted.



- e) Only the Original Equipment Manufacturer/authorized distributor of the manufacturer are allowed to bid for the items mentioned in the tender document. In case of the authorized distributor of OEM, the specific authorization letter from the OEM, on manufacturers letter Head duly signed by authorized signatory, clearly indicating that the bidder is competent to sell & provide services for the items mentioned in the Scope of Supply given in this tender document should be enclosed.
- f) The bidder should be in business of manufacture and/or supply and maintenance of the lab equipment's for a minimum period of Three years as on bid calling date. Copy of relevant Purchase orders should be submitted as proof of **three** years' experience in supply of lab equipment.
- g) The copy of Supply Orders/ Contracts/ Agreements issued by/ signed with Government Educational Institutions such as IITs, NITs, or other such Central Universities/state Government universities/Research Centers executed by the bidders in last three years shall be enclosed.
- h) The bidder should have completed at least **ONE** similar work not less than **Rs.5 Lakhs**.The similar work means supply & installation of all/ most of the items mentioned in this tender document in a single project on turn-key basis in India/abroad.
- i) The bidder should have servicing facility or work shop with in India so the provision of service is possible at a short notice and without incurrence of delay. Necessary proof of having service facility in India shall be enclosed.
- j) Technical Brochure / Technical Specification with Equipment's photograph to be present.
- k) Technical compliance statement as per the **Annexure VI** shall be enclosed.
- l) A statement of serviceable life of goods and services offered by the firm. Available sources of maintenance and technical support during the serviceable life. Available sources of spare parts, special tools, etc. necessary for the proper and continuing functioning of the goods and services, for the serviceable life.
- m) The bidder should not have been black listed/ debarred by any organization on any account for the last three financial years. A self-declaration letter to that effect on the firms letter head has to be submitted (**Annexure V**)

**Note:** All the copies of certificates furnished should be signed by bidder along with their seal.

The bidders must submit all relevant documentary evidence to support their claim for eligibility in placing bid. **The tenders received without the above documents will be rejected.**

## **6. BID PRICE:**

- i. The price should be quoted in Indian Rupees with delivery at RGUKT-Nuzvid, Nuzvid ,Nuzvid (M), EluruDistrict, Andhra Pradesh, failing which the bid would be rejected. The price shall be written both in figures & words in the prescribed offer form.
- ii. The rates quoted by the bidder shall be fixed for the duration of the contract period and shall not be subject to adjustment on any account. But, any benefit arising out of any subsequent reduction in the prices due to reduction in duty & taxes after the prices are fixed and before the delivery should be passed on to the Purchaser (i.e. RGUKT-Nuzvid,AP).
- iii. Any variation arises between unit price and the corresponding quoted total cost then the unit rate will prevail for calculating the total cost.

- iv. If there is a discrepancy between amount in words and figures, the amount in the words will prevail.
- v. Incomplete and/or conditional bids shall be liable to rejection. Prices should be quoted as per the format of price bid.

#### 7. Bid Preparation:

Tenders are invited under two bid system viz., Part-1: Technical bid and Part-2: Financial Bid. Bidders are requested to prepare the tender documents according to the following instructions.

Part I: It should contain the following self-attested photo copies

1. Technical Bid Check list (Annexure I)
2. Bidder Letter Form (Annexure II)
3. Bidder Information Sheet (Annexure III)
4. Tender document, duly signed and stamped in token of acceptance of all the terms and conditions of the tender schedule.
5. Certificate of firm registration/incorporation/Valid GST registration certificate
6. Valid PAN card
7. Income tax returns, audited balance sheet and certificate of auditor indicating turnover of the firm.
8. ISO Certificate
9. Authorization letter from OEM in case bidder is authorized distributor.
10. Purchase orders supporting previous experience in business of manufacture and/or supply and maintenance of the lab equipment for a period of three years
11. Purchase orders/ contract agreements with premier educational institutes in the last three years
12. Purchase order in proof of one similar work not less than Rs. 5 Lakhs in last three years.
13. Documents/papers supporting the provision of servicing facility/work shop in India.
14. Satisfactory performance certificates for bulk supplies in the last three years.
15. List of Present Clientele with contact addresses & telephone numbers (Annexure IV)
16. Technical compliance statement (Annexure VI)
17. Technical Brochure / Technical Specification with Equipment photograph of the items quoted.
18. A statement of serviceable life of goods and services offered by the firm. Available sources of maintenance and technical support during the serviceable life. Available sources of spare parts, special tools, etc. necessary for the proper and continuing functioning of the goods and services, for the serviceable life
19. Self-declaration stating that "Firm has not been barred/blacklisted by any organization in doing business with them" (Annexure-V)
20. Any additional information, which Firm thinks is necessary in regard to its capabilities to establish that Firm is capable in all respects to successfully complete the envisaged work.

Part II: Financial Bid: The bidder shall prepare the price bid as prescribed proforma (Annexure-VII) of the bid document

1. The rate shall be quoted in INR
2. The offered unit price shall be inclusive of standard packing, freight to destination, insurance, loading and unloading charges, installation etc.

3. GST both in percentage and INR shall be shown separately.

#### 6. DELIVERY SCHEDULE:

- i. The delivery period is 4(FOUR) Weeks from the date of Purchase Order.
- ii. In the event of delayed delivery i.e. delivery after the expiry of the delivery period as specified above, the vendor shall be liable to pay a penalty at a percentage of the value of the undelivered machines as detailed below:

**Note:** If any items or part of items not delivered as per the purchase order during the stipulated time penalty will be calculated on all undelivered items.

@2% for the One week

@ 4% for Two weeks

@6% for Three weeks

@8% for four weeks

@10% for Five weeks

if delay continues beyond 5 weeks, then the contract is liable to be canceled.

- iii. The delivery not be deemed to be complete until and unless the ordered products are checked and accepted by the RGUKT-Nuzvid,AP as per the order and specifications. After the delivery is made, if it is discovered that the machines supplied are not according to our requirement, such supply would be rejected at the suppliers cost.

#### 7. PAYMENT TERMS:

- i. 90% payment would be released after installation of the equipment and balance 10% payment would be released after two months after obtaining satisfactory report from the concerned department. Payment shall be paid through RTGS/NEFT/Cheque within 45 days on delivery of items & on receipt of the following details:
  - a. Original invoice duly signed by the authorized signatory.
  - b. Item acceptance certificate/Installation report duly signed and sealed from authorized representative of RGUKT-Nuzvid,AP.
  - c. PAN card, Bank Account details, Bank Address & RTGS details of the agency are to be forwarded along with the invoice.

#### 8. EARNEST MONEY DEPOSIT / BID SECURITY:

- i. The bid should be accompanied by Earnest Money Deposit (EMD) of **Rs.30,000/-** by way of crossed Demand Draft drawn from any Nationalized or scheduled Bank in favor of "Director, RGUKT" payable at Nuzvid
- ii. The EMD shall not carry any interest. Tenders received without EMD's will be summarily rejected
- iii. The Firm who are registered with MSME is exempted to submit the EMD (Copy of valid registration must be provided along with technical bid).

**Forfeiture of the EMD:** the forfeiture of EMD will be made in the following events:

- i. The bidder qualifies as L1 and backs out of the L1 quotes/tender specification/ tender terms & conditions.

- ii. The bidder signs the agreement and furnishes the Security Deposit but backs out of his tender bid.
- iii. The bidder withdraws his tender after acceptance.
- iv. The bidder withdraws his tender before expiry of the validity period of the tender.
- v. The bidder violates any provisions of the terms and conditions of these tender specifications.

**REFUND OF EMD:**

- vi. In case of unsuccessful bidder, the EMD will be returned to them after finalization of the L1 vendor.
- vii. The EMD will be returned to the L1 bidder, only after signing of the contract and submission of Security Deposit, completion of formality etc. in all respects to the satisfaction of the RGUKT-Nuzvid,AP.

**9. PERFORMANCE SECURITY DEPOSIT:**

- i. The successful bidder has to deposit 10% of the total contract value as performance security deposit in the form of Bank Guarantee from any nationalized bank.
- ii. The Performance Security Deposit / Bank Guarantee of successful Bidder will be retained for the period of contract in force and will be returned after expiry of the contract period, after deducting the outstanding liabilities if any.
- iii. The Performance Security Deposit / Bank Guarantee shall not carry any interest.

**10. GUARANTEE:**

The vendor shall provide a Certificate of Guarantee guaranteeing the Purchaser Company of the satisfactory operation of the machines given by the vendor.

**11. ROYALTIES AND PATENTS:**

Any royalties or patents or the charges for the use or infringement thereof that may be involved in the contract shall be included in the price. Bidder shall protect RGUKT-Nuzvid,AP against any claims thereof.

12. RGUKT-Nuzvid,AP shall have the right to relax or waive or alter any of the provisions of the tender document.

13. If the bidder wishes to depart from the Technical specifications in any respect he shall draw the attention to such points of departure explaining fully the reasons thereof and furnish separately adopting the form as per ANNEXURE-VI. Unless this is done, the requirements of the Technical specification will be deemed to have been accepted in every respect. The RGUKT-Nuzvid,AP reserves the right to accept/reject any or all of the deviations shown by the bidder.

**14. INSTRUCTIONS TO BIDDERS**

- i. Tenders with over writings, alterations etc., will not be admitted unless they are attested by the bidder. Where there is a discrepancy between the amount (Rupees) in figures and words, the price, which is least of the two, will prevail.

- ii. Bid should be strictly in conformity with the Terms and Conditions mentioned in the tender schedule.
- iii. Bidders are expected to examine all the terms and instructions mentioned in the tender schedule and prepare their proposals accordingly. Failure to provide all requisite information will be at the bidders own risk and may result in the rejection of the tender.
- iv. All assertions made in connection with the tender are to be supported/ substantiated by relevant documents. The Director, RGUKT-Nuzvid,AP reserves the right to verify the credentials of the bidder as per the eligibility criteria.
- v. The Director, RGUKT-Nuzvid,AP will notify the bidder whose tender has been accepted.
- vi. The successful bidder shall execute an agreement with RGUKT on Non-judicial stamp paper worth Rs.100/- agreeing to all the conditions of the contract within one week upon intimation of acceptance of Tender. The successful bidder has to submit performance security guarantee after taking Letter of Intent but before having contract agreement. Failure on enter into an agreement within the stipulated time will result in forfeiture of the EMD.
- vii. Ordinarily, the tendered items will be selected based on the lowest rates quoted by the tenderer in the price bid. However, the tender committee reserves the right to select the product even with higher rates depending upon the reported performance/market reputation/efficiency of the item basing on the user reports/feedback given by the end users, ignoring the lowest rates.

## 15. METHOD OF SUBMISSION:

Bids shall be submitted online on [www.apecurement.gov.in](http://www.apecurement.gov.in) Platform.

- i. The participating bidders in the tender should register themselves free of cost on e-procurement platform in the website [www.apecurement.gov.in](http://www.apecurement.gov.in)
- ii. Bidders can log-in to e-procurement platform in secure mode only by signing with the Digital certificates.
- iii. The bidders who are desirous of participating in e- procurement shall submit their technical bids, price bids as per the standard formats available at the e-market place.
- iv. The bidders shall sign on all the statements, documents certificates uploaded by them, owning responsibility for their correctness/authenticity.
- v. The bidders should scan and upload the respective documents in Technical documentation as per the check list.
- vi. After uploading the documents, the copies of the uploaded technical bid documents and original Demand Drafts in respect of BidSecurity and Bid document fee are to be submitted by the bidder to the “The Administrative Officer (i/c), RGUKT-Nuzvid, NuzvidMandal, Eluru District, Andhra Pradesh -521202”, by **05:00PM on 18.05.2022. (No physical submission of price bid will be entertained)**

- vii. Failure to furnish any of the uploaded documents, certificates, will entitled in rejection of the bid. The RGUKT-Nuzvid shall not hold any risk on account of postal delay. Similarly, if any of the certificates, documents,etc., furnished by the Bidder are found to be false / fabricated / bogus, the bidder will be disqualified, blacklisted, action will be initiated as deemed fit and the Bid Security will be forfeited.
- viii. RGUKT-Nuzvidwill not hold any risk and responsibility regulating non-visibility of the scanned and uploaded documents.
- ix. The Documents that are uploaded online on e-market place will only be considered for Bid Evaluation.
- x. The rates should be quoted online only.

#### **16. EVALUATION PROCEDURE:**

- i. The Technical Bids will be opened as per the schedule given in the tender document
- ii. The tenders will be evaluated so as to ascertain the capability of the bidders to provide the material with in the period mentioned above and also to assess whether the bidder satisfies the eligibility criteria as detailed in Section 5 & As per Annexure-I
- iii. The rejection of the bidder on technical grounds will be based on the failure to meet eligibility requirements.
- iv. Price Bids of only those bidders, who have fulfilled the eligibility criteria specified, will be opened. The Price Bid of the bidder who does not fulfill the eligibility criteria will not be opened and their tender stands rejected.
- v. Any claims or disputes raised by the unsuccessful bidders in respect of selection process and non-allotment of award will have no legal validity and will not be enforceable against the RGUKT-Nuzvid. No further correspondence will be entertained regarding the disqualification.
- vi. RGUKT-Nuzvid, reserves the right to accept or reject any / or all the tenders without assigning any reasons whatsoever.RGUKT-Nuzvid, also reserves the right to cancel the selection process for award of the contract at any time. The decision of the Director,RGUKT-Nuzvidis final and binding.

#### **17. FORCE MAJEURE:**

During force Majeure i.e. Acts of God, War, Floods, Riot, Earthquake, General Strike, Lock outs, Epidemics, Civil Commotions, the bidder shall inform the Purchaser immediately and provide their best possible service in given circumstances, and resume services as soon as possible after force majeure ceases.

#### **18. ARBITRATION:**

In the event of any dispute or differences between the supplier and the purchaser whether arising during the execution of orders under these terms and conditions or thereafter whether by breach or in manner in regard to:

- i. The Construction or interpretation of the terms and conditions
- ii. The respective rights and liabilities of the parties hereto there under
- iii. Any matter or thing out of or in relation to or in connection with these terms and conditions then either party shall give notice to the other of the same and such dispute or difference shall be and hereby referred to the arbitration of such person as the Director, RGUKT-Nuzvid, may nominate and the decision of such Arbitrator shall be conclusive and binding on the parties hereto. The provisions of Arbitration and Conciliation Act 1996 shall apply.

**19. DISPUTES:**

All disputes and differences of any kind whatsoever arising out of or in connection with the contract, whether during or after completion of contract will be settled amicably (by negotiations) and the decision shall be final on all such matters and shall be binding on the Bidder.

**20. DISCLAIMER:**

- i. Neither RGUKT-Nuzvid nor its employees make any representation or warranty as to the accuracy, reliability or completeness of the information in this tender schedule and it is not possible for the RGUKT-Nuzvid to consider the investment objective, financial situation and particular needs of each party who reads or uses the Tender Schedule. Certain prospective Bidders may have a better knowledge of the scope of work than others. Each prospective Bidder should conduct his or her own investigations and analysis and check the accuracy, reliability and completeness of the information in the Tender schedule and obtain independent advice from appropriate sources.
- ii. RGUKT-Nuzvid reserves the right to reject any or all the Bids submitted in response to this request for Proposal at any stage without assigning any reasons whatsoever.
- iii. RGUKT-Nuzvid, reserves the right to change any or all of the provisions of this tender document.

**21. REJECTION OF TENDERS:**

- i. The RGUKT-Nuzvid, reserves the right to cancel the tender process and reject all tenders at any time prior to the award of contract without thereby incurring any liability as against the affected bidder or any obligations to inform the affected bidder of the grounds of acceptance or rejection.
- ii. No bidder is entitled to withdraw his or her offer after submission. In case of such withdrawal, the EMD deposited along with the tender schedule shall stand forfeited.

**22.** For breach of any of the conditions prescribed in the tender or as specified by the RGUKT-Nuzvid time to time, the EMD is liable to be forfeited. Decision of the Director, RGUKT-Nuzvid in this regard is final and binding on bidder.

**Annexure I**  
**Technical Bid Check List**

S.No.	Description	Complied or Not	Name of the File uploaded	Page No.
1	Bid Processing Fee of Rs.2,000/- by way of DD from any nationalized Bank			
2	EMD/ Bid Security of Rs.30,000/- by way of DD from nationalized Bank/MSME Certificate			
3	Bidder Letter Form (Annexure II)			
4	Bidder Information Sheet (Annexure III)			
5	Tender document, duly signed and stamped in token of acceptance of all the terms and conditions of the tender schedule.			
6	Certificate of firm registration/incorporation/ Valid GST registration certificate			
7	Valid PAN card			
8	Average turnover copy of Rs.10 Lakhs Certified by CA for any three years out of last five financial years.			
9	IT returns for any two years out of last three financial years.			
10	Valid ISO Certificate			
11	Authorization letter from OEM in case bidder is authorized distributor.			
12	Purchase orders supporting previous experience in business of manufacture and/or supply and maintenance of the lab equipment for any three years out last five years.			
13	Purchase order in proof of one similar work not less that Rs. 5 Lakhs in last five years.			
14	Technical compliance statement (Annexure VI)			
15	Technical Brochure / Technical Specification with Equipment photograph of the items quoted.			
16	Self-declaration stating that "Firm has not been barred/blacklisted by any organization in doing business with them" (Annexure-V)			

NOTE: All pages of the bid documents must be serially numbered and signed.



**Annexure II**  
**Bidder Letter Form**

From:  
(Registered name and address of the bidder)

To  
The Director,  
RGUKT-Nuzvid  
Mylavaramroad, Nuzvid  
NuzvidMandal  
EluruDistrict-521202  
Andhra Pradesh.

Sir,

Having examined the bidding documents and amendments there on, for the supply, installation of Engineering Chemistry Lab Equipment at RGUKT-Nuzvid, Nuzvid (M), EluruDistrict in response to your tender call dated.....

1. I/We hereby offer to supply and install the item as listed in the schedule to this tender hereto as you may specify in the acceptance of Tender at the price given in the said Schedule and agree to hold this offer open for a period of 90 days from the date of opening of the tender.
2. I/we shall be bound by a communication of acceptance / rejection by RGUKT-Nuzvid.
3. I/We have understood the Instruction to bidders and terms and conditions of Contract in the form as enclosed with the invitation to the tender and have thoroughly Examined the specifications quoted in the Schedule hereto and am/are fully aware of the nature of the goods required and my/our offer is to supply the goods strictly in accordance with the specifications and requirements.
4. Certified that ours is:
  - a) A sole proprietorship firm and the person signing the bid document is the sole Proprietor/constituted attorney of the sole proprietor (OR)
  - b) A partnership firm, and the person signing this bid document is a partner of the firm and has authority to refer to arbitration disputes concerning the business of the partnership by virtue of the partnership agreement /by virtue of general power of attorney (OR)
  - c) A company and the person signing the document is the constituted attorney/ authorized signatory.(NOTE: Strike out whatever is not applicable. All corrections/deletions should invariably be attested by the person authorized to sign the bid document).
1. I/We do hereby undertake that, until a formal notification of award, this bid, together with your written acceptance thereof shall constitute a binding contract between us.
6. If bid is accepted, I/we undertake to:
  - a) Provide services/execute the work according to the time schedule specified in the bid document,
  - b) Obtain the performance guarantee of a bank in accordance with bid requirements for the due performance of the contract, and
  - c) Agree to abide by the bid conditions, including pre-bid meeting minutes if any, which remain binding upon us during the entire bid validity period and bid may be accepted

any time before the expiration of that period.

7. We understand that you are not bound to accept the lowest or any bid you may receive, nor to give any reason for the rejection of any bid and that you will not defray any expenses incurred by us in bidding.

Yours faithfully,

(Signature)

Dated this day of \_\_\_\_\_

Address:

\_\_\_\_\_

\_\_\_\_\_

Telephone: \_\_\_\_\_

FAX \_\_\_\_\_

E-mail \_\_\_\_\_

**Annexure III**  
**Bidder Information Sheet**

1	Name of the organization	
2	Year of establishment	
3	Registered Office Address	
4	PAN No	
5	GST No	
6	Name & Designation of Authorized person:	
7	Phone No.	
8	Fax No.	
9	Email-ID	
10	Nature of the firm (Proprietary/partnership/etc...)	
11	Whether Manufacturer/authorized dealer	
12	Total No. of service centers in India	
13	Bank Details of the Agency:	
	Bank Name	
	Bank Address	
	Bank Account Number	
	IFSC Code	
14	Bid Document Fee (Non-refundable)	Amount Rs. : DD No. : DD Date : Issuing Bank & Branch :
15	EMD	Amount Rs. : DD No. : DD Date : Issuing Bank & Branch :

**Annexure-IV**  
**List of Major Customers**

S.No.	Costumer full address with Phone number and mail id	Year of supply	Equipment supplied

**Annexure-V**  
**NON BLACKLISTING CERTIFICATE**

[To be submitted on letterhead]

I/We hereby certify that the ----- [Name of the company / firm] has not been ever blacklisted/debarred by any Central / State Government / Public Undertaking / Institute on any account.

I/We also certify that firm will be supplied the item as per the specification given by RGUKT-Nuzvid and also abide all the terms and conditions stipulated in the bid document.

I/We also certify that the information given in bid is true and correct in all aspects and in any case at a later date it is found that any details provided are false and incorrect, contract given to the concern firm or participation may be summarily terminated at any stage, the firm will be blacklisted and RGUKT-Nuzvid may impose any action as per the rules.

Date :

Place :

Name :

Business Address :

Signature of Bidder:

Seal of the Bidder:

**Annexure-VI**  
**Technical Compliance Statement**

Technical compliance statement as per technical specifications mentioned in this document (taking in to consideration all the amendments issued to this document, if any) is to be submitted in the following format:

S.No	Item No. and Name	Specification Required	Specification of quoted item along with model, make and special features, if any	Compliance (complied higher / complied lower)

**Annexure-VII**  
**Financial Bid**

S.No	Item Name	Unit price (without taxes) in Rs. (A)	GST in % (B)	GST In Rs. (C=A*B)	Unit price with Taxes inRs. (D=A+C)	No. of quantities (E)	Total Price (F=ExD)
1	Digital photoelectric Colorimeter					4	
2	Digital P <sup>H</sup> METER					8	
3	Digital Conductivity- TDS meter with cell and Temperature Probe					6	
4	Digital Potentiometer					6	
5	Digital Spectrophotometer					2	
6	Melting point operator					2	
7	Digital Cleave land Flash/Fire point operators					6	
8	viscometer					2	
9	Hot plate 8 inch round Ms top Kemi					4	
10	Hot plate 25 cm X 30 cm					4	
11	Hot Air Oven 45x 45x 45					1	
12	Vacuum pump					4	
13	Muffel furnace					1	
14	Magnetic Stirrer with Hot Plate 1MLH (1Lt) Remi					2	
15	Water Bath 6holes double wall Kemi					2	
16	Distilled Water Still Wall hang SS 4lt/1hr with cutoff Kemi					2	
17	Refrigerator LG					1	
18	Magnetic Pellets					10	
19	Soxhlet apparatus 1000ml Glass					3	
20	UV Cabinet long and short wave Kemi					1	
21	Distillation apparatus glass 1000ml					4	
22	CST experiment kit					4	

	delta							
23	Laboratory stirrer with PMDC motor RQ/ 121D Remi					2		
24	Membra filtration assembly 1000mL					5		
25	Balance citizen(0.001=1mg)					1		
26	Balance shimadzu (0.001=1mg)					1		
<b>Total Cost (Rs.)</b>								

**Note**

- 1) The unit price for each of the item quoted should be inclusive of standard packing, freight, transit, insurance, loading and unloading charges, installation etc.

**(Signature of Bidder along with stamp)**