

**Khwaja Fareed University of Engineering &
Information Technology, Rahim Yar Khan**



Tender Document

Tender No. Misc-077

**Supply of instrument, glassware and chemicals for
SRGP project of Chemistry Department**

at

**Khwaja Fareed University of Engineering
& Information Technology
Rahim Yar Khan**

TENDER DOCUMENT

TENDER No. Misc-077

Supply of instrument, glassware and chemicals for SRGP project of Chemistry Department

at

Khwaja Fareed University of Engineering and Information Technology

TENDER PRICE Rs. 2000/-

Last date of submission: _____

FOR OFFICE USE ONLY

Serial No _____

Sold to: M/S _____

Date of Sale _____

Bank Challan No. _____

Date _____

1. Overview

Khwaja Fareed University of Engineering & Information Technology, Rahim Yar Khan intends to purchase “**Supply of instrument, glassware and chemicals for SRGP project of Chemistry Department**” as provided at **Annex ‘A’**. The supplier will be responsible for Supply, delivery, installation and commissioning of all specified items, wherever required, at the Khwaja Fareed University of Engineering & Information Technology, Rahim Yar Khan. This document provides complete instructions for bidders intending to participate in this Tender.

2. Instructions for Bidders

2.1. Response to the Tender (Bid) should be submitted in one part which shall include two separately sealed envelopes of **Technical Proposal and Financial Proposal** before **12:00 PM on 26-02-2018**. Technical Proposals will be opened on same day at **12:30 PM** in the presence of representatives of responding bidders, if any, and Financial Proposals will be opened after completion of technical evaluation. The exact time and place for opening of financial proposals will be informed to technically qualified bidders.

2.2. Responding bidder shall deliver two sealed copies of the bid. Each copy being physically separate, bound, sealed and labeled. Proposals shall be delivered at the address given below.

Director Procurement

**Khwaja Fareed University of Engineering & Information Technology
Abu Dhabi Road, Rahim Yar Khan.**

Tel. # 068-5882420

2.3. Any queries regarding this proposal should be directed to the designated Technical Contact Person listed below.

Dr. Bakhat Ali, Chemistry Department, KFUEIT, RYK

Tel. # 03327635627

2.4. All bids must be submitted by filling the **Annex ‘B’**. Same should be enclosed in the financial proposal. Bidder must use the same numbers and labels used in this Request for Proposal.

2.5. The original Tender Document duly signed and officially sealed by the bidder must be submitted in whole with the proposals. Any conditional, ambiguous, incomplete, supplementary or revised offer after the opening of tender shall not be entertained.

3. Technical Proposal Format

Bidders are required to include the following documents/information in their technical proposals in the order given below:

- i. The Name and Address
- ii. Profile of company (Including Financial Profile)
- iii. List of Previous/Current customers of related supplies, with contact person and telephone/fax numbers.
- iv. Detailed product design information
- v. Copy of National Tax Registration Certificate
- vi. Copy of Sales Tax Registration Certificate
- vii. Bank letter of financial standing
- viii. An affidavit on Rs 100/- Stamp Paper that currently they are not black listed or debarred by any Government/Semi-Government Department to participate in bidding and to supply equipment. Failure to submit such affidavit may lead to disqualification.
- ix. Any additional information the bidder may like to furnish e.g. repair/maintenance other concerned facility
- x. Detailed item specifications matched corresponding to the BOQ as given at **Annex 'A'**
- xi. Detailed project implementation schedule/Completion Schedule which includes the delivery of items mentioned in the BOQ
- xii. Signed and stamped Tender document
- xiii. Bank Draft of the Earnest Money

4. Financial Proposal Format

Financial Proposal must include the following in the order given below:

- i. Equipment prices duly entered on the form in the attached BOQ
- ii. Validity period of the quoted price
- iii. Any other Terms and Conditions

5. Terms & Conditions

- 5.1. This invitation for bids is open to all national original Manufacturers/ Distributors/Agents in Pakistan for Supply and installation.
- 5.2. All prices should be quoted in Pak Rupees and inclusive of all Government Taxes & Levies.
- 5.3. A bank draft equal to 2% of the estimated cost should accompany the Tender as **Earnest Money** drawn in favor of **KFUEIT Rahim Yar Khan**. The Tender shall not be considered without Earnest Money. Bank guarantee will not be accepted. Bank draft for Earnest Money should be placed with the Technical proposal.
- 5.4. Earnest Money for bidders not selected will be returned a minimum of two weeks after announcement of award and returned to successful bidder after signing the contract. If the selected bidder fails to sign the contract within stipulated time, Earnest Money will be forfeited.
- 5.5. A Bank draft of 5% of the total amount as **Performance Guarantee** will be provided by the supplier in favor of KFUEIT, Rahim Yar Khan within 10 days after signing of the contract on judicial stamp paper of the value PKR. 1200/-which shall remain valid for 12 months beyond delivery period. This performance guarantee will be released after the completion of warranty/guarantee period, along with the satisfactory completion report which will be intimated to the Seller and the Director Procurement KFUEIT, Rahim Yar Khan for their onward issuance of No Objection Certificate (NOC) for the release of performance guarantee.
- 5.6. KFUEIT Rahim Yar Khan reserves the right to accept / reject any or all proposals without assigning any reason thereof.
- 5.7. The quantity of an order may vary depending on the quoted prices and the allocated funds.
- 5.8. The decision of the KFUEIT procurement committee will be binding on all concerned and will in no case be challenged in any forum.
- 5.9. KFUEIT Rahim Yar Khan reserves the right to modify the conditions / specifications of the Tender Document with written intimation to all the participants who have purchased the Tender Document.
- 5.10. Delivery period will be 45 days from the date of issuance of purchase order/supply order.

- 5.11.** Delivery shall be completed according to the agreed upon schedule.
- 5.12.** In case the selected bidder fails to execute the contract strictly in accordance with the terms and conditions laid down in the contract, the Performance Guarantee shall be forfeited.
- 5.13.** The University will get the item inspected at KFUEIT Rahim Yar Khan and reject the item, if not found according to the stated specifications.
- 5.14.** The University reserves the right to claim compensation for the losses caused by delay in the delivery of equipment.
- 5.15.** It is the sole responsibility of the bidder to comply with local, national and international laws.
- 5.16.** In case any supplies/material are found not in conformity with the specifications provided in the tender, either on account of inferior quality, defective workmanship, faulty design, faulty packing or is short supplied, or wrongly supplied, the supplier will replace the same free of charges or pay the full cost of replacement.
- 5.17.** All the proposals submitted will become the property of the University.
- 5.18.** All prices should be valid for at least 60 days. Withdrawal or any modification of the original offer within the validity period shall entitle the KFUEIT Rahim Yar Khan to forfeit the Earnest Money in favor of the KFUEIT Rahim Yar Khan and/or putting a ban on the future inquires or taking any other suitable action against the bidder.
- 5.19.** Delivery of the items will be free of charge at Khawaja Fareed University of Engineering & Information Technology, Rahim Yar Khan during the office hours with a copy of Delivery Challan.
- 5.20.** Items being ordered should be brand-new and according to order specification from the current production and covered under normal warranty/guarantee etc. as mentioned in the quote. Brochures mentioned and product details must be attached.

6. Tender Evaluation Criteria

All bids shall be evaluated on technical and financial merit. The Company Evaluation Criteria is attached at **Annex 'C'** for reference. Technical evaluation process may include, but not limited to the consideration of the following with respect to the functional requirements given ahead:

- a. Technical specifications of proposed item

b. Company Profile

- I. Age of the company
- II. Financial strength of the bidder

Financial Evaluation process will be based on the consideration of the quoted price.

7. Undertaking

On behalf of the company it is certified that we agree to the all the Instructions and Terms & Conditions given in this Tender Document

Name of bidder.....

Authorized person.....

Authorized signature.....

Stamp.....

Office Address.....

Tel No

Fax No

Supply of instrument, glassware and chemicals for SRGP project of Chemistry Department

S. No.	Chemicals Name & Specifications/Minimum Requirement	Size
1.	<p>Chitosan: (sigma Aldrich or equivalent), MW: 50,000-190,000 Da (based on viscosity), Degree of deacetylation: 85, solubility: dilute aqueous acid: soluble, viscosity: 20-300 cP, 1 wt. % in 1% acetic acid. Manufacturer's catalogue page giving catalogue number, specification, packing size, and MSDS (hard copy with the quoted chemical in color to be provided at the time of bidding). The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement. The packing should contain a label showing shelf life (minimum one year at the time of delivery) along with traceable catalogue number, lot number and molar mass/empirical formula (label copy to be provided at the time of bidding). The vender must be a sole authorized dealer of the quoted product for Pakistan (certificate in original form principal in this regard with at least one-year warranty to be provided at time of bidding).</p>	50G
2.	<p>Poly vinyl alcohol (PVA) (sigma Aldrich or equivalent), MW: 195,000 extent of labeling: 98.0-98.8 mol% hydrolysis impurities: 1.1-1.9% residual content of acetyl ign. residue: $\leq 1\%$ viscosity: 52-60 mPa.s, 4 % in H₂O (20 °C) ester number: 15-25 Manufacturer's catalogue page giving catalogue number, specification, packing size, and MSDS (hard copy with the quoted chemical in color to be provided at the time of bidding). The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement. The packing should contain a label showing shelf life (minimum one year at the time of delivery) along with traceable catalogue</p>	250G

	<p>number, lot number and molar mass/empirical formula (label copy to be provided at the time of bidding).</p> <p>The vender must be a sole authorized dealer of the quoted product for Pakistan (certificate in original form principal in this regard with at least one-year warranty to be provided at time of bidding).</p>	
3.	<p>Polyethylene Glycol (PEG) 400 (sigma Aldrich or equivalent), mol wt : M_n 380-420 average M_n 400 vapor density: >1 (vs air) vapor pressure: <0.01 mmHg (20 °C) autoignition temp. : 581 °F Form: viscous liquid Manufacturer's catalogue page giving catalogue number, specification, packing size, and MSDS (hard copy with the quoted chemical in color to be provided at the time of bidding). The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement. The packing should contain a label showing shelf life (minimum one year at the time of delivery) along with traceable catalogue number, lot number and molar mass/empirical formula (label copy to be provided at the time of bidding). The vender must be a sole authorized dealer of the quoted product for Pakistan</p>	250G
4.	<p>Polysulfone (PS) (sigma Aldrich or equivalent), mol wt : average M_n ~16,000 by MO average M_w ~35,000 by LS Form: pellets (Transparent) autoignition temp.: 1022 °F melt index: 6.5 g/10 min (343°C/0.3 Mpa) reduced viscosity : 0.37-0.39 dL/g, 0.2 % (w/v) in chloroform(25 °C)(lit.) density : 1.24 g/mL at 25 °C(lit.) Manufacturer's catalogue page giving catalogue number, specification, packing size, and MSDS (hard copy with the quoted chemical in color to be provided at the time of bidding). The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-</p>	100G

	<p>delivery shall be returned and vender will be obliged to provide a defect free replacement.</p> <p>The packing should contain a label showing shelf life (minimum one year at the time of delivery) along with traceable catalogue number, lot number and molar mass/empirical formula (label copy to be provided at the time of bidding).</p> <p>The vender must be a sole authorized dealer of the quoted product for Pakistan</p>	
5.	<p>Polyvinyl Pyrrolidone (sigma Aldrich or equivalent), mol wt: average mol wt 40,000 viscosity number : 29-32 Lit Form: powder</p> <p>Manufacturer's catalogue page giving catalogue number, specification, packing size, and MSDS (hard copy with the quoted chemical in color to be provided at the time of bidding).</p> <p>The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement.</p> <p>The packing should contain a label showing shelf life (minimum one year at the time of delivery) along with traceable catalogue number, lot number and molar mass/empirical formula (label copy to be provided at the time of bidding).</p> <p>The vender must be a sole authorized dealer of the quoted product for Pakistan (certificate in original form principal in this regard with at least one-year warranty to be provided at time of bidding).</p> <p>Manufacturer's catalogue page giving catalogue number, specification, packing size, and MSDS (hard copy with the quoted chemical in color to be provided at the time of bidding).</p> <p>The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement.</p> <p>The packing should contain a label showing shelf life (minimum one year at the time of delivery) along with traceable catalogue number, lot number and molar mass/empirical formula (label copy to be provided at the time of bidding).</p> <p>The vender must be a sole authorized dealer of the quoted product for Pakistan (certificate in original form principal in this</p>	100G

	regard with at least one-year warranty to be provided at time of bidding).	
6.	<p>N-Methyl-2-pyrrolidone (NMP) (sigma Aldrich or equivalent), Molecular Weight 99.13 anhydrous, 99.5% vapor density: 3.4 (vs air) vapor pressure: 0.29 mmHg (20 °C) 0.99 mmHg (40 °C) autoignition temp. : 518 °F Manufacturer's catalogue page giving catalogue number, specification, packing size, and MSDS (hard copy with the quoted chemical in color to be provided at the time of bidding). The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement. The packing should contain a label showing shelf life (minimum one year at the time of delivery) along with traceable catalogue number, lot number and molar mass/empirical formula (label copy to be provided at the time of bidding). The vender must be a sole authorized dealer of the quoted product for Pakistan (certificate in original form principal in this regard with at least one-year warranty to be provided at time of bidding).</p>	250ML
7.	<p>Cellulose Acetate (sigma Aldrich or equivalent), mol wt : average $M_n \sim 30,000$ by GPC extent of labeling : 39.8 wt. % acetyl Form: Powder refractive index : $n_{20/D} 1.475$(lit.) Water (by Karl Fischer): ≤ 3.0 % density : 1.3 g/mL at 25 °C(lit.) Manufacturer's catalogue page giving catalogue number, specification, packing size, and MSDS (hard copy with the quoted chemical in color to be provided at the time of bidding). The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement. The packing should contain a label showing shelf life (minimum one year at the time of delivery) along with traceable catalogue</p>	25G

	<p>number, lot number and molar mass/empirical formula (label copy to be provided at the time of bidding).</p> <p>The vender must be a sole authorized dealer of the quoted product for Pakistan (certificate in original form principal in this regard with at least one-year warranty to be provided at time of bidding).</p>	
8.	<p>Glycerine (sigma Aldrich or equivalent), Linear Formula: HOCH₂CH(OH)CH₂OH Molecular Weight 92.09 vapor density: 3.1 (vs air) vapor pressure: <1 mmHg (20 °C) autoignition temp. : 698 °F</p>	10G
9.	<p>Starch (sigma Aldrich or equivalent), Linear Formula (C₆H₁₀O₅)_n Moisture Content ≤ 15.0 % pH 4.0 - 7.0 Manufacturer's catalogue page giving catalogue number, specification, packing size, and MSDS (hard copy with the quoted chemical in color to be provided at the time of bidding). The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement. The packing should contain a label showing shelf life (minimum one year at the time of delivery) along with traceable catalogue number, lot number and molar mass/empirical formula (label copy to be provided at the time of bidding). The vender must be a sole authorized dealer of the quoted product for Pakistan (certificate in original form principal in this regard with at least one-year warranty to be provided at time of bidding).</p>	2KG
10.	<p>Gultaraldehyde (sigma Aldrich or equivalent), Linear Formula OHC(CH₂)₃CHO Molecular Weight 100.12 vapor density: 1.05 (vs air) vapor pressure: 15 mmHg (20 °C) concentration: 50 wt. % in H₂O refractive index: <i>n</i>_{20/D} 1.42 density: 1.106 g/mL at 25 °C Manufacturer's catalogue page giving catalogue number, specification, packing size, and MSDS (hard copy with the quoted chemical in color to be provided at the time of bidding).</p>	50ML

	<p>The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement.</p> <p>The packing should contain a label showing shelf life (minimum one year at the time of delivery) along with traceable catalogue number, lot number and molar mass/empirical formula (label copy to be provided at the time of bidding).</p> <p>The vender must be a sole authorized dealer of the quoted product for Pakistan (certificate in original form principal in this regard with at least one-year warranty to be provided at time of bidding).</p>	
11.	<p>Acetonitrile (sigma Aldrich or equivalent), Molecular Weight 41.05 anhydrous, 99.8% grade : anhydrous vapor density: 1.41 (vs air) vapor pressure: 72.8 mmHg (20 °C) assay: 99.8% autoignition temp.: 973 °F Residue on Evaporation \leq 0.0005 % Water (by Karl Fischer) \leq 0.001 % Manufacturer's catalogue page giving catalogue number, specification, packing size, and MSDS (hard copy with the quoted chemical in color to be provided at the time of bidding).</p> <p>The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement.</p> <p>The packing should contain a label showing shelf life (minimum one year at the time of delivery) along with traceable catalogue number, lot number and molar mass/empirical formula (label copy to be provided at the time of bidding).</p> <p>The vender must be a sole authorized dealer of the quoted product for Pakistan (certificate in original form principal in this regard with at least one-year warranty to be provided at time of bidding).</p>	500ML
12.	<p>Methanol (sigma Aldrich or equivalent), Molecular Weight 32.04 vapor density: 1.11 (vs air) vapor pressure : 410 mmHg (50 °C)</p>	2L

	<p>97.68 mmHg (20 °C) Assay: $\geq 99.6\%$ autoignition temp.: 725 °F Manufacturer's catalogue page giving catalogue number, specification, packing size, and MSDS (hard copy with the quoted chemical in color to be provided at the time of bidding). The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement. The packing should contain a label showing shelf life (minimum one year at the time of delivery) along with traceable catalogue number, lot number and molar mass/empirical formula (label copy to be provided at the time of bidding). The vender must be a sole authorized dealer of the quoted product for Pakistan (certificate in original form principal in this regard with at least one-year warranty to be provided at time of bidding).</p>	
13.	<p>Ethanol (sigma Aldrich or equivalent), Molecular Weight: 46.07 g/mol Absolute Grade: for HPLC vapor density: 1.59 (vs air) vapor pressure: 44.6 mmHg (20 °C) assay: $\geq 99.8\%$ autoignition temp.: 683 °F Manufacturer's catalogue page giving catalogue number, specification, packing size, and MSDS (hard copy with the quoted chemical in color to be provided at the time of bidding). The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement. The packing should contain a label showing shelf life (minimum one year at the time of delivery) along with traceable catalogue number, lot number and molar mass/empirical formula (label copy to be provided at the time of bidding). The vender must be a sole authorized dealer of the quoted product for Pakistan (certificate in original form principal in this regard with at least one-year warranty to be provided at time of bidding).</p>	500ML

14.	<p>Acetone (sigma Aldrich or equivalent), Molecular Weight 58.08 grade: ACS reagent vapor density: 2 (vs air) vapor pressure: 184 mmHg (20 °C) Manufacturer's catalogue page giving catalogue number, specification, packing size, and MSDS (hard copy with the quoted chemical in color to be provided at the time of bidding). The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement. The packing should contain a label showing shelf life (minimum one year at the time of delivery) along with traceable catalogue number, lot number and molar mass/empirical formula (label copy to be provided at the time of bidding). The vender must be a sole authorized dealer of the quoted product for Pakistan (certificate in original form principal in this regard with at least one-year warranty to be provided at time of bidding).</p>	2L
15.	<p>Hydrochloric Acid (sigma Aldrich or equivalent), Molecular Weight 58.08 Appearance (Clarity) Clear Appearance (Color) Colorless Appearance (Form) Liquid Iron (Fe) < 0.2 ppm _ Heavy Metal (as Lead) < 1 ppm _ as Lead Purity (Titration by NAOH) 36.5 - 38.0 % Manufacturer's catalogue page giving catalogue number, specification, packing size, and MSDS (hard copy with the quoted chemical in color to be provided at the time of bidding). The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement. The packing should contain a label showing shelf life (minimum one year at the time of delivery) along with traceable catalogue number, lot number and molar mass/empirical formula (label copy to be provided at the time of bidding). The vender must be a sole authorized dealer of the quoted product for Pakistan (certificate in original form principal in this</p>	2.5 L

	regard with at least one-year warranty to be provided at time of bidding).																
S. No.	Glassware Name & Specifications/Minimum Requirement	Qty															
16.	<p>Magnetic Bar PTFE coated egg-shaped The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement</p>	<table border="1"> <thead> <tr> <th>length</th> <th>diameter</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>1.5 cm</td> <td>0.8 cm</td> <td>2</td> </tr> <tr> <td>2cm</td> <td>1cm</td> <td>3</td> </tr> <tr> <td>2.5cm</td> <td>1cm</td> <td>3</td> </tr> <tr> <td>3 cm</td> <td>1.1cm</td> <td>2</td> </tr> </tbody> </table>	length	diameter	Qty	1.5 cm	0.8 cm	2	2cm	1cm	3	2.5cm	1cm	3	3 cm	1.1cm	2
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3 cm	1.1cm	2															
17.	<p>Beakers 100 ml (Pyrex or equivalent) Beakers are made from low expansion, Type 1, class A, borosilicate glass that can be heated directly in an open flame. It can have general laboratory use such as mixing, heating, and cooling. These beaker features a single graduated metric scale with white enamel graduations and extra-large marking spot. The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement</p>	5															
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19.	<p>Petri Dishes 4" (Pyrex or equivalent) A petri dish is, a shallow, circular dish with a loose cover, usually made of transparent glass and used to grow cultures of microorganisms. The cap should design to be loose to allow easy access to the interior part, and it will not burst during autoclaving. The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement</p>	10															
20.	<p>Volumetric Flask 100 ml (Pyrex or equivalent) These volumetric flasks provide improved lab convenience, broad selection and precise volume measurement.</p>	5															

	<p>.Borosilicate Glass Class A, volumetric flask includes white enamel inscriptions for easy volume assessment and a polyethylene stopper.</p> <p>The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement</p>	
21.	<p>Volumetric Flask 250 ml (Pyrex or equivalent)</p> <p>These volumetric flasks provide improved lab convenience, broad selection and precise volume measurement.</p> <p>.Borosilicate Glass Class A, volumetric flask includes white enamel inscriptions for easy volume assessment and a polyethylene stopper.</p> <p>The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement</p>	5
22.	<p>Volumetric Flask 50 ml (Pyrex or equivalent)</p> <p>These volumetric flasks provide improved lab convenience, broad selection and precise volume measurement.</p> <p>.Borosilicate Glass Class A, volumetric flask includes white enamel inscriptions for easy volume assessment and a polyethylene stopper.</p> <p>The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement</p>	5
23.	<p>Volumetric Flask 10 ml (Pyrex or equivalent)</p> <p>These volumetric flasks provide improved lab convenience, broad selection and precise volume measurement.</p> <p>.Borosilicate Glass Class A, volumetric flask includes white enamel inscriptions for easy volume assessment and a polyethylene stopper.</p> <p>The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement</p>	5
24.	<p>Volumetric Flask 25 ml (Pyrex or equivalent)</p> <p>These volumetric flasks provide improved lab convenience, broad selection and precise volume measurement.</p> <p>.Borosilicate Glass Class A, volumetric flask includes white enamel inscriptions for easy volume assessment and a polyethylene stopper.</p> <p>The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product</p>	5

	observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement	
25.	<p>Erlenmeyer (stoppered Conical) Flask 25ml (Pyrex or equivalent)</p> <p>These volumetric flasks provide improved lab convenience, broad selection and precise volume measurement.</p> <p>.Borosilicate Glass Class A, volumetric flask includes white enamel inscriptions for easy volume assessment and a polyethylene stopper.</p>	5
26.	<p>Erlenmeyer (stoppered Conical) Flask 50ml (Pyrex or equivalent)</p> <p>These volumetric flasks provide improved lab convenience, broad selection and precise volume measurement.</p> <p>.Borosilicate Glass Class A, volumetric flask includes white enamel inscriptions for easy volume assessment and a polyethylene stopper.</p> <p>The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement</p>	5
27.	<p>Pipette Graduated 10ml (Pyrex or equivalent)</p> <p>These pipets are color coded by size for easy identification and sorting. Colored graduations are enameled onto the glass. These "to deliver" (TD) pipets must be blown out to obtain total rated capacity.</p> <p>The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement</p>	5
28.	<p>Pipette Graduated 5ml (Pyrex or equivalent)</p> <p>These pipets are color coded by size for easy identification and sorting. Colored graduations are enameled onto the glass. These "to deliver" (TD) pipets must be blown out to obtain total rated capacity.</p> <p>The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement</p>	5
29.	<p>Pipette Graduated 1ml (Pyrex or equivalent)</p> <p>These pipets are color coded by size for easy identification and sorting. Colored graduations are enameled onto the glass. These "to deliver" (TD) pipets must be blown out to obtain total rated capacity.</p> <p>The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product</p>	5

	observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement	
30.	<p>Pipette Sucker PIPET Filler Made from all-natural rubber Will accommodate pipettes up to 50ml Features a 1/4-inch diameter opening This filler eliminates the need for dangerous mouth pipetting. They are available in red, black, blue, green, and multi-colored.</p> <p>The end user shall examine the product delivered by the selected vender immediately on arrival. Any defects in the product observed immediately or discernible later upto four weeks post-delivery shall be returned and vender will be obliged to provide a defect free replacement</p>	5
S. No.	Instruement Name & Specifications/Minimum Requirement	Qty
31.	<p>Spectrophotometer Visible (portable) Features Grating 1200 Lines /mm Digital microprocessor-controlled range 320-1000nm, Data processing Microprocessor Display 3 ½ digit LCD Photometric range: 0 to 1.999A 0 to 100%T Detector: Silicon photodiode Wavelength accuracy: +/- 2nm Light source: Tungsten halogen lamp, 6V, 10W Optical system grating 1200 lines/mm zero blank set automatic Zero and blank setting automatic, bandwidth 6 nm, Complete Unit with 10cm path length glass cells, Complete set operated on 220 Volts. Made in Japan/equivalent or better</p>	01

**Supply of instrument, glassware and chemicals for SRGP project of
Chemistry Department**

(Bid Form)

Sr. No.	Item Name	Qty.	Unit Rate (Including all taxes & shipment charges)	Total Cost (Including all taxes & shipment charges)
1	Chitosan	50G		
2	Poly Vinyl Alcohol (PVA)	250G		
3	Polyethylene Glycol (PEG) 400	250G		
4	Polysulfone (PS)	100G		
5	Polyvinyl Pyrrolidone	100G		
6	N-Methyl-2-Pyrrolidone (NMP)	250ML		
7	Cellulose Acetate	25G		
8	Glycerine	10G		
9	Starch	2Kg		
10	Gultaraldehyde	50ML		
11	Acetonitrile	500ML		
12	Methanol	2L		

Sr. No.	Item Name	Qty.	Unit Rate (Including all taxes & shipment charges)	Total Cost (Including all taxes & shipment charges)
13	Ethanol	500ML		
14	Acetone	2L		
15	Hydrochloric Acid	2.5L		
16	Magnetic Bar 1.5 cm 2 cm 2.5 cm 3 cm	2 3 3 2		
17	Beakers 100 ml	5		
18	Beakers 50 ml	5		
19	Petri Dishes 4"	10		
20	Volumetric Flask 100 ml	5		
21	Volumetric Flask 250 ml	5		
22	Volumetric Flask 50 ml	5		
23	Volumetric Flask 10 ml	5		
24	Volumetric Flask 25 ml	5		
25	Erlenmeyer (stopped conical) Flask 25 ml	5		
26	Erlenmeyer (stopped conical) Flask 50 ml	5		

Sr. No.	Item Name	Qty.	Unit Rate (Including all taxes & shipment charges)	Total Cost (Including all taxes & shipment charges)
27	Pipette Graduated 10 ml	5		
28	Pipette Graduated 5 ml	5		
29	Pipette Graduated 1 ml	5		
30	Pipette Sucker	5		
31	Spectrophotometer Visible (Portable)	1		
TOTAL: _____				
Total in Words: _____				

Company Evaluation Criteria

1. Basic Evaluation

- i. Profile of company
- ii. Detail of Previous/Current customers of related Supplies, Purchase Orders, with contact person and telephone/cell numbers.
- iii. Detailed product information
- iv. Copy of National Tax Registration Certificate
- v. Copy of Sales Tax Registration Certificate
- vi. Bank letter/Certificate of Account Information/financial standing
- vii. An affidavit on Rs. 100/- Stamp Paper that currently they are not black listed or de- barred by any Government/Semi-Government Department to participate in bidding and to supply equipment. Failure to submit such affidavit may lead to disqualification.
- viii. Detailed item specifications matched corresponding to the BOQ as given at **Annex 'A'**
- ix. Detailed project implementation schedule/Completion Schedule which includes the delivery of items mentioned in the BOQ
- x. Signed and stamped Tender document