



NATIONAL UNIVERSITY OF TECHNOLOGY, ISLAMABAD

Ref: 106/SCM/NUTECH

Dated: 18 September 2025

M/S _____

Address:

Cell:

Subject: **REQUEST FOR QUOTATION:- "Purchase of Consumables Under MoST Funded Projects"**

Dear Sir,

Sealed bids/quotations are invited for the supply of the following items.

Ser	Item Specification	Qty	Rate (Rs.)	Amount (Rs.)
1.	Coin cell separator Celgard 2400, 25µm Monolayer Microporous Membrane (PP), Porosity = 44%, TD shrinkage at 105 degrees = 0%, TD tensile strength = 140/70 kg/cm ² , Puncture strength = 450/340 in gF, Gurley (JIS) = 620 sec, 1 roll (width 30 cm × length 10 m) Suitable for standard coin cell casing CR 2032	01		
2.	Sodium citrate (Na₃C₆H₅O₇) ≥99%, FG, Research Grade , Merck Life Science (Sigma-Aldrich) or equivalent	01		
3.	Iron(II) chloride tetrahydrate (FeCl₂·4H₂O) 99% purity, for research grade, Merck Life Science (Sigma-Aldrich) or equivalent	01		
4.	Iron(III) nitrate nonahydrate (Fe(NO₃)₃·9H₂O) 99.95%, Merck Life Science (Sigma-Aldrich) or equivalent	50		
5.	Polytetrafluoroethylene (PTFE) dispersion 60 wt % dispersion in H ₂ O, Merck Life Science (Sigma-Aldrich) or equivalent	100		
6.	PiperION Anion exchange membrane A-40-HCO ₃ , Thickness = 40 µm sheet, 20*20 cm size, Self-Supporting Conductivity (OH ⁻ , 80 °C) = 150 mS/cm IEC = ~2.35 meq/g Elongation at break = >20 Tensile strength = >30 MPa Non-reinforced and high anionic conductivity Excellent chemical stability in caustic and acidic environments (pH range of 1-14) Ultra-thin membranes with superb performance for various alkaline fuel cell, alkaline electrolyzer	02		
7.	Zirfon PERL UTP 500 Separator membrane for alkaline electrolysis Thickness 50 µm, porosity 55%, colour white, weight density = 1g/cm ³ , gas permeability = 3.2L/min.cm ³ , bubble point = 2 Bar, shelf life = 12 months, 20*20 cm	01		

8.	Concentrol STB PU-2286 Suitable for making polyurethane based foam	01		
	<u>APPEARANCE</u> Viscous clear liquid.			
	<u>COMPOSITION</u> Silicone additive.			
	<u>DENSITY</u> 1,03 ± 0,03 kg/L			
	<u>pH VALUE</u> (4%) : 7 ± 1			
	<u>VISCOSITY</u> RV8 (3,20) : 1000 - 3000 cps			
				Inclusive of All Taxes
				Grand Total

Terms & Conditions:-

1. Sealed envelope may clearly be marked as Quotation applied for and name, address and contact number of vendor.
2. Taxes shall be charged/deducted as per PPRA Rules.
3. Quote for above mentioned items should be on company's letterhead with sign and stamp.
4. Also mention date of quote, **NTN and STRN** number in your quotation.
5. Quality must be ensured.
6. Quotes must reach in SCM Office 2nd Floor Admin Block NUTECH IJP Road Sector I-12 Islamabad latest by 26 **September 2025 not later than 1200 hrs.**
7. Quotes will be opened on 26 **September 2025.**
8. Delivery period will be **07 days** after placing Purchase Order. Please ensure delivery within stipulated time.
9. Rates shall be quoted on free delivery basis at NUTECH IJP Road Sector I-12 Islamabad.
10. Warranty/ Guarantee required 12 Months.
11. Business will not be awarded on package deal.


 Deputy Director
 Supply Chain Management
 National University of Technology, Islamabad