

**TENDER FOR PURCHASE OF EQUIPMENT, CHEMICALS AND CONSUMABLES
FOR MRNA TECHNOLOGY TRANSFER ON F.O.R, NIH, ISLAMABAD BASIS DUE
ON 02.04.2026 AT 11.00 A.M**

1. List of Equipment (Introductory and 100 ml Scale)

Sr. No.	Equipment Description	Specifications	Qty.	Bidding Item Company Name, Brand Name	Unit Price	Total Amount
1.	Precision balance (0.1mg-100g) with Nist weight box	<ul style="list-style-type: none"> • Electronic analytical/precision balance suitable for laboratory weighing applications. • Maximum capacity: $\geq 100\text{g}$ Readability (resolution): 0.1 mg (0.0001 g) Accuracy and Performance: <ul style="list-style-type: none"> • Repeatability: ± 0.1 mg or better • Linearity: ± 0.2 mg or better • Compliance with OIML Class I or equivalent international analytical balance standards. • Minimum 4 decimal places display (e.g., 0.0001 g). • Stainless steel weighing pan, corrosion-resistant. • Draft shield (glass or transparent enclosure) with sliding doors to minimize air disturbance. • Minimum one-year warranty with availability of local service support. • Power supply: 220–240 V, 50/60 Hz • Minimum one-year comprehensive warranty. 	2 Nos			
2.	Vertical Pressure Steam Autoclave	<p>Vertical pressure steam autoclave for sterilization of laboratory media, instruments, glassware,</p> <ul style="list-style-type: none"> • Chamber capacity: Approximately 100 liters ($\pm 10\%$) • Orientation: Vertical, top-loading configuration. • Construction: Inner chamber and outer body made of high-grade stainless steel (SS-304 or better). • Lid: Quick-opening radial locking or hand-wheel type with pressure safety interlock. • Sterilization temperature range: 105–134 °C • Standard sterilization programs: 121 °C and 134 °C selectable cycles • Working pressure: Up to 0.22 MPa (approx. 2.2 bar) • Temperature control accuracy: ± 1 °C 	1 Nos.			

		<ul style="list-style-type: none"> • Timer range: 0–99 minutes or wider programmable range • Automatic heating, sterilization, exhaust, and drying (if applicable). • Digital LCD/LED display showing temperature, pressure, sterilization time, and cycle status. • Over-temperature protection system. • Over-pressure safety valve. • Door/lid interlock preventing opening when chamber is pressurized. • Low-water level detection with automatic heater cut-off. • Pressure gauge (analog and/or digital). • Stainless steel perforated sterilization baskets (minimum two). • Power supply: 220–240 V, 50/60 Hz • Minimum one-year comprehensive warranty 				
3.	Nitrogen Flush System	Small scale for R&D lab	1 Nos.			
4.	Conductivity meter	With Resistivity, pH, TDS, Temperature, Dissolved Oxygen WTW or equivalent	1 Nos.			
5.	Shaking Incubator	<ul style="list-style-type: none"> • Laboratory orbital shaking incubator suitable for microbiology • Chamber capacity: Approximately 100–120 L • Construction: Double-walled, powder-coated steel exterior with stainless steel (SS-304) inner chamber • Door: Solid insulated outer door with inner tempered glass viewing door. • Temperature range: Ambient +5 °C to at least 65°C • Temperature accuracy: ±0.3–0.5 °C • Temperature uniformity: ±0.5–1 °C • Speed range: 20–300 rpm (or wider) • Speed accuracy: ±1 rpm • Digital LCD/LED display showing temperature, shaking speed, and time. • Programmable timer range: 1 min to 999 hrs (or equivalent). • Universal shaking platform compatible with flasks and culture vessels. • Spring/adjustable clamps for multiple flask sizes (e.g., 50 mL–1000 mL). • Power supply: 220–240 V, 50/60 Hz • Universal platform with clamps. • Stainless steel removable tray (if applicable). • Minimum one-year warranty with 	1 Nos.			

		availability of spare parts and service support.				
6.	Ultrasonic bath	<ul style="list-style-type: none"> • Bench-top ultrasonic bath cleaner suitable for laboratory glassware • Tank capacity: Approximately 3–5 liters ($\pm 10\%$) • Construction: Inner tank made of stainless steel with corrosion-resistant outer body. • Compact bench-top design suitable for routine laboratory use. • Ultrasonic frequency: 20–45 kHz • Ultrasonic power output: ≥ 100 W (or appropriate to tank size) • Continuous and/or pulse ultrasonic operation modes (if available). • Built-in heater with temperature range: Ambient to 60–70 °C • Digital or analog timer adjustable from 1–60 minutes or wider range. • Stainless steel perforated basket. • Power supply: 220–240 V, 50/60 Hz • Minimum one-year warranty with availability of spare parts and service support. 	1 Nos.			
7.	Vortex mixer	<ul style="list-style-type: none"> • Bench-top laboratory vortex mixer suitable for rapid mixing of liquids in tubes and small containers. • Designed for continuous and touch (press-to-mix) operation modes. • Variable speed control up to at least 2500–3000 rpm • Chemical-resistant housing suitable for laboratory reagents. Power supply: 220–240 V, 50/60 Hz 	2 Nos.			
8.	Incubator	<ul style="list-style-type: none"> • Laboratory dry incubator suitable for microbiological, molecular, and routine laboratory applications. • Chamber capacity: Approximately 20–30 liters ($\pm 10\%$) • Construction: Double-walled housing with stainless steel (SS-304 or equivalent) inner chamber and powder-coated exterior. • Door: Solid insulated outer door with inner tempered glass door for sample observation. • Temperature range: Ambient +5 °C to at least 70 °C • Temperature accuracy: ± 0.2–0.5 °C • Temperature uniformity: ± 0.5–1.0 °C • Digital LCD/LED display showing set 	1 No.			

		temperature and actual temperature. Power supply: 220–240 V, 50/60 Hz				
9.	Nano Centrifuge	<ul style="list-style-type: none"> Bench-top mini / nano microcentrifuge designed for rapid spin-down of PCR tubes and microcentrifuge tubes. 8 × 1.5 / 2.0 mL microcentrifuge tubes and 0.2 mL PCR tubes (8-tube strips for 32 microcentrifuge tubes) Maximum speed: ≥ 6,000–7,000 rpm Maximum RCF: ≥ 2,000–3,000 × g Durable chemical-resistant ABS or equivalent housing. Power supply: 220–240 V, 50/60 Hz	1 No.			
10.	Macroman Pipette aid	<ul style="list-style-type: none"> Electronic pipette controller (pipette aid) suitable for use with glass and plastic serological and volumetric pipettes. Compatible with pipettes ranging from 1 mL to 100 mL (or wider). Smooth, precise liquid control suitable for both rapid filling and dropwise dispensing. Replaceable hydrophobic membrane filter (0.2 μm or equivalent) to protect internal components from contamination. Rechargeable battery operation with minimum 6–8 hours continuous working time with appropriate charger Chemically resistant housing suitable for laboratory environments. Accessories <ul style="list-style-type: none"> Replaceable hydrophobic filters (minimum two supplied). Charging adapter / charging stand. 	1 Nos.			
11.	Ice Flaker machine for molecular lab	<ul style="list-style-type: none"> Automatic laboratory ice flaker / ice flake maker for continuous production of dry, granular ice flakes Bench-top or under-counter model suitable for laboratory environment. Corrosion-resistant stainless steel exterior with laboratory-grade internal components. Storage bin capacity: Minimum 5–10 kg built-in storage. Automatic water supply connection with float-controlled water intake. Power supply: 220–240 V, 50/60 Hz	1 Nos.			
12.	Heating Block	<ul style="list-style-type: none"> Digital dry block heater / dry bath 	1 Nos.			

		<p>incubator suitable for incubation of microcentrifuge tubes and molecular biology applications.</p> <ul style="list-style-type: none"> • Compact bench-top design with interchangeable aluminum heating blocks. • Temperature control range: Ambient +5 °C to at least 120 °C • Temperature accuracy: $\pm 0.3\text{--}0.5$ °C • Temperature uniformity: ± 0.5 °C • Programmable timer: 1 minute to 999 minutes. • Interchangeable anodized aluminum heating blocks supplied. • Blocks included: <ul style="list-style-type: none"> • Block for 0.2 mL PCR tubes (strip or individual tubes). • Block for 1.5 / 2.0 mL microcentrifuge tubes. • Power supply: 220–240 V, 50/60 Hz 				
13.	Microplate orbital shaker	<ul style="list-style-type: none"> • Bench-top microplate orbital shaker suitable for mixing microplates used in ELISA, PCR, and other molecular biology assays. • Shaking motion: Orbital shaking • Speed range: 100–1500rpm (or wider) • Speed accuracy: $\pm 5\%$ or better • Orbital Diameter [mm]: 4.5-4 • Platform capacity: Minimum 2 standard microplates (96-well) simultaneously. • Non-slip platform surface or plate-holding clamps to secure microplates during operation. 	1 Nos.			
14.	Fumehood	<ul style="list-style-type: none"> • Floor-standing fume hood suitable for chemical and biological laboratory operations. • Corrosion-resistant powder-coated steel exterior with stainless steel (SS-304) or epoxy-coated steel interior. • Sash: Tempered glass vertical sliding sash with smooth counterbalance system. • Work surface: Chemical-resistant stainless steel or epoxy resin. • Base cabinet: Optional storage cabinet for chemicals (lockable). • Face velocity: 0.3~0.8m/s m/s • Exhaust system: Ducted or recirculating 	1 Nos.			

		<p>HEPA/activated carbon filtration</p> <ul style="list-style-type: none"> • Containment efficiency: $\geq 99\%$ of particulate/chemical capture at the working face. • Power supply: 220–240 V, 50/60 Hz • ISO 14644 or equivalent international standard. <p>Minimum one-year warranty with availability of local service support and spare parts.</p>				
15.	Fridge / Freezer (-20°C) for sample and reagent storage	<ul style="list-style-type: none"> • Laboratory upright freezer suitable for storage of biological samples, reagents, enzymes, and other temperature-sensitive materials. • Capacity: Approx. 400–500 L total storage volume ($\pm 10\%$). • Construction: Corrosion-resistant powder-coated steel exterior with stainless steel interior. • Door: Lockable insulated door with magnetic gasket for airtight sealing. • Shelving: Adjustable, removable stainless steel shelves or wire racks to allow flexible storage. • Temperature range: $\leq -20\text{ }^{\circ}\text{C}$ ($\pm 2\text{ }^{\circ}\text{C}$) • Temperature stability/uniformity: $\pm 2\text{ }^{\circ}\text{C}$ across the chamber • Eco-friendly refrigerant (R134a or equivalent). • Automatic defrost system to prevent ice buildup. • Lockable door for sample security. • Door-open alarm. <p>Power supply: 220–240 V, 50/60 Hz</p> <ul style="list-style-type: none"> • Minimum one-year warranty with availability of spare parts and local service support. 	1 Nos.			
16.	-80°C Freezer for sample and reagent storage	<ul style="list-style-type: none"> • Laboratory upright ultra-low temperature (ULT) freezer suitable for long-term storage of biological samples, reagents, enzymes, and nucleic acids. • Capacity: Approx. 700–800 L total storage volume ($\pm 10\%$) • Construction: Corrosion-resistant powder-coated steel exterior with stainless steel interior. • Door: Lockable insulated door with magnetic gasket for airtight sealing. • Shelving: Adjustable, removable stainless steel shelves or wire racks. • Freezer orientation: Upright 	1 Nos.			

		<ul style="list-style-type: none"> • Temperature range: $\leq -80\text{ }^{\circ}\text{C}$ ($\pm 2\text{ }^{\circ}\text{C}$) • Temperature uniformity/stability: $\pm 2\text{ }^{\circ}\text{C}$ across chamber • Cascade refrigeration system with environmentally friendly refrigerants (R290, R23, or equivalent). • Door-lock for sample security. • Audible and visual alarms for temperature deviations or door left open. • Power supply: 220–240 V, 50/60 Hz • CE / ISO compliant manufacturing or equivalent international standard. • Minimum one-year comprehensive warranty with availability of spare parts and local technical support. 				
17.	Microwave	<ul style="list-style-type: none"> • Bench-top laboratory microwave oven suitable for heating and digestion of reagents, media preparation, and routine laboratory applications. • Power output: Minimum 700–1000 W (adjustable if possible). • Safety interlock to prevent operation with door open. • Overheat protection. • Power supply: 220–240 V, 50/60 Hz 	2 Nos.			
18.	BioSafety Cabinet	<ul style="list-style-type: none"> • Class II Type A2 Biological Safety Cabinet, designed for personnel, product, and environmental protection during microbiological and molecular biology procedures. • Cabinet width: 4–6 ft working width • Construction: External structure made of corrosion-resistant powder-coated steel; work zone constructed from stainless steel (SS-304 or better) with seamless joints for easy decontamination. • Supply HEPA/ULPA filter ($\geq 99.995\%$ efficiency at $0.3\text{ }\mu\text{m}$) • Exhaust HEPA/ULPA filter ($\geq 99.995\%$ efficiency at $0.3\text{ }\mu\text{m}$) • Filter leak-tested at factory using PAO/DOP method with certificate provided. • Microprocessor-based digital controller with LCD display showing airflow velocity, filter status, sash height, UV/light status, and alarm conditions • Electrical outlets inside cabinet (IP-protected). • Built-in LED lighting providing • Cabinet must be independently tested 	3 Nos.			

		<p>and certified to NSF/ANSI 49 (USA) or EN 12469 (EU) standards by an accredited certification body.</p> <ul style="list-style-type: none"> • Manufacturer must hold ISO 9001 and ISO 13485 certification for design and manufacturing of biosafety cabinets. • Cabinet labeling must clearly indicate Class II Type A2 compliance. • UV germicidal lamp with timer control. • Stainless steel removable work tray. • Supplier must provide installation qualification (IQ), operational qualification (OQ), and performance qualification (PQ) at site. • Minimum two-year warranty including filters and blower (preferred). • Availability of local service support and certified maintenance personnel mandatory. 				
19.	Aspiration System	Gilson, available from Lasec), EQP0187/EQP0453 or equivalent	1 Nos.			
20.	Digital 3D Shaker, E-3DS3-D	<ul style="list-style-type: none"> • Digital 3D orbital shaker suitable for uniform mixing of biological samples, cell suspensions, microplates, and flasks. • Compact bench-top design with stable anti-vibration base. • Chemical-resistant housing suitable for routine laboratory use. • Speed range: 20–300 rpm (or wider depending on application) • Compatible with flasks, microplates, and culture tubes. • Programmable timer: 1 minute to 999 minutes • Power supply: 220–240 V, 50/60 Hz <p>Minimum one-year warranty with availability of spare parts and local service support.</p>	1 Nos.			
21.	Peristaltic Pump	Thermofisher DB300A or Equivalent	1 Nos.			

2. List of Raw materials (Introductory scale and 100ml Scale)

Sr. No.	Item	Specifications	Qty.	Bidding Item Company Name, Brand Name	Unit Price	Total Amount
1.	70 % ethanol	Merck CAS64-17-5 or equivalent	10lit.			
2.	CWS2 forward primer, 5'-	5'-acgcccaggccctga-3' (synthesized by Inqaba Biotec, supplied as a lyophilized	2 Nos.			

	acgccaggccctga -3'	pellet)				
3.	Cap capture probe sequence: 5' CTC TTC mUmUmU mUmCmU mCmUmC mUmUmA mUmUmU mCmCmC/ 3BioTEG/ -3' (The prefix "m" denotes 2' O-methyl RNA Bases, bases without a prefix are DNA bases. The 3' end is modified with Biotin tag containing an Extended spacer arm.	In-house design, IDT	2 Nos.			
4.	Sodium Hydroxide	Glentham Life Sciences GE8709 OR Merck cas1310-73-2 EQUIVALENT	100g x 5			
5.	Poly(I;C)	InvivoGen / Irl-pic or Equivalent	10mg x 5			
6.	142 bp dsRNA standard	Jena/10080100 or Equivalent	50 micro gram x 5			
7.	Non-fat milk power	SPAR/ Instant Skimmed Milk sigma Aldrich or Merck 999999-99-4 or Equivalent	500g			
8.	SCICONS anti dsRNA (J2)	Nordic MUBio/10050100 or Equivalent	100 micro gram x 3			
9.	Folded Capillary Zeta Cell	Malvern Panalytical, DTS1070 or Equivalent	Qty: 20			
10.	β-mercaptoethanol (Bio-Rad,	Lasec, 1610710) or Merck CAS 60-24-2 or Equivalent	25ml			
11.	Sars-CoV-2 Spike Omicron reactive Mouse mAb	(Sino Biological, 40592-MM117) or equivalent	100 ug			
12.	Dulbecco's Modified Eagle	(Capricorn Scientific, available from Whitehead Scientific, DMEM-	500ml X 4			

	Medium (DMEM) High Glucose (4.5 g/L), with L-Glutamine, with Sodium Pyruvate	HPA) or equivalent				
13.	HyClone™ Research Grade Fetal Bovine Serum (FBS),	South American Origin Irradiated (Cytiva, available from Separations, SV30160.03IR25-40) preferred or merck equivalent 12352207 or equivalent	100 ml			
14.	Trypsin – EDTA 10x (0.5 %) in Phosphate Buffered Saline (PBS) without (w/o) Calcium, Magnesium and Phenol Red	(Biowest, available from Celtic Diagnostics, X0930) or equivalent	200ml			
15.	SDS Micro pellets	(Fisher Bioreagents, available from LTC Tech SA, BP8200-500) or equivalent	100g			
16.	AxyPrep MAG PCR Clean-Up Kit - 50 mL	Corning, MAG-PCR-CL-50 or equivalent	50ml			
17.	CWS 5' GGGAAATAAG AGAGAAAAGA AGAGTAAGAA GAAATATAAG ACC CWS 3' GCCGCCCACT CAGAC	IDT or equivalent	2 Nos.			
18.	142 bp dsRNA standard	Jena/10080100 or equivalent	50 micro gram x5			
19.	RNA specific Primers In house design	Non specific	50 nmol x 2			
20.	Dulbecco's PBS (10x), without Ca ²⁺ , Mg ²⁺ , phenol red, Capricorn Scientific / PBS-10XA	Cytiva SH30378. Or equivalent	5L			
21.	N1-methylpseudo UTP, 100mM	Trilink	1 x 3000 umol			

	Trilink / N-1081		aliquot			
22.	IVT Reaction Buffer, Thermo W8156B013	Thermo W8156B013 or equivalent	10x (100ml)			
23.	Kinetic-QCL™ Bulk Kinetic Chromogenic LAL Assay kit,	Lonza / 50-650H or equivalent	5 kits			

3. List of Consumables (Introductory and 100 ml Scale)

Sr. No.	Item	Specifications	Qty.	Bidding Item Company Name, Brand Name	Unit Price	Total Amount
1.	Graduated Cylinders 100 ml, 250 ml, 500 ml, 1000 ml	Grade A, class Pyrex , calibrated , (pyrogen free)	05 each			
2.	Serological Pipettes 5ml, 10 ml, 25 ml, 50 ml	Grade A, class Pyrex , calibrated , (pyrogen free)	100 pcs each			
3.	Glass Beakers 100 ml, 500 ml, 1000 ml	Grade A, class Pyrex , calibrated , (pyrogen free)	20 pcs each			
4.	Lint Free Tissue Paper Roll Cleaning Cloth Cleanroom Wipe for Lab Use along with dispenser	ISO, RoHS Type: Clean Swap and Wipe	10 No.			
5.	Ice Bucket	Lab Grade	05 No.			
6.	Conical sterile polypropylene centrifuge tubes, 15 ml	Eppendorf / thermo or equivalent	5000 NOs			
7.	Conical sterile polypropylene centrifuge tubes, 50 mL	Eppendorf / thermo or equivalent	1000 NOs			
8.	Acrodisc® Syringe Filters with Supor® Membrane; 13 mm, 0.2 µm	PALL / 4602	150 Nos			
9.	15mL and 50mL Falcon Tubes, RNase- and DNase-free	Eppendorf / thermo or equivalent	100 Nos each			
10.	250 and 500mL Schott Glass bottles	Grade A, class Pyrex , calibrated , (pyrogen free) with screw caps	10 Nos			
11.	Cryovials for storage	Greiner Bio-One / 122279 or equivalent	100 Nos			
12.	PCR tube chillers	Gel filled racks maintain a sample temperature of less than 4°C for up to four hours (with lid on rack) when	5			

		at room temperature. Unique color change plastic indicates temperature at a glance. IsoFreeze color change racks have a dramatic change to a contrasting color at 7°C. Popular 96-well format can accommodate all 0.2ml and 0.1ml tubes, tube strips or plates. Lid included				
13.	Mini Protean cassette opening lever – gel releaser (Lasec, 4560000) or equivalent	2			
14.	12- well cell culture plates	Lasec, 665180 or equivalent	30			
15.	Autoclaved pipette tips, 5000 µL	(Lasec, P1TIP021C- 005000) or equivalent	05			
16.	0.2 mL PCR Tube 8-strips Flat 8-cap optical strips	Lasec, BBRDTLS0801 or equivalent	1 Box			
17.	RNase/DNase free pipette filter tips, 10 µL RNase/DNase free pipette filter tips, 40 µL RNase/DNase free pipette filter tips, 200 µL RNase/DNase free pipette filter tips. 1000 µL	Lasec, P2TIP006C or equivalent	70 Box Each			
18.	1.5 mL sterile, RNase/ DNase/ pyrogen-free microcentrifuge tubes or equivalent	Greiner Bio-One available from Lasec, P1TUB054C-0001.5 or equivalent	5000			
19.	Hard shell PCR plate	Lasec, HSP9601 or equivalent	50			
20.	50 mL tube rack	Whitehead Scientific, 8850 or equivalent	10			
21.	Microtube Ice rack 0.2ml	Biorad or Equivalanet	10			
22.	Microtube rack 1.5ml	Biorad or Equivalanet	20 each			
23.	Ice Tube rack 1.5ml	Biorad or Equivalanet	4			
24.	HPLC column	Phenomenex, 00F-4443-Y0, PRD-615862 (Gemini® 3µm C6-Phenyl 110Å)	1 No.			

4. Basic Lab Consumables required establishing a new R&D lab.

Sr. No.	Items	Qty.	Bidding Item Company Name, Brand Name	Unit Price	Total Amount
PPE					
1.	Lab coats reuseable wrinkle free and Disposable	8 Nos. each size (M, L, XL)			
2.	Nitrile / latex and neoprene gloves (multiple sizes)	20 Boxes. Each size			
3.	Safety goggles	24 Nos.			
4.	Face Shields	10 Nos.			
5.	Masks (surgical and N95)	10 Box			
6.	Shoe covers	500 pairs			
7.	Hair Caps	500 Nos.			
8.	Chemical resistant aprons	20 Nos.			
Glassware (Consumable / Breakable Items)					
9.	Beakers (various sizes)	05 Nos. each size			
10.	Conical (Erlenmeyer) flasks	05 Nos. each size			
11.	Volumetric flasks	05 Nos. each size			
12.	Measuring cylinders	05 Nos. each size			
13.	Test tubes & boiling tubes	05 Nos. each size			
14.	Glass pipettes (Pasteur, volumetric, graduated)	05 Nos. each size			
15.	Glass funnels	05 Nos. each size			
16.	Reagent bottles (clear & amber)	05 Nos. each size			
Plasticware					
17.	Micropipette tips (filtered & non-filtered)	20 Boxes each size			
18.	Serological pipettes	50 Nos. various sizes			
19.	Centrifuge tubes (1.5 mL, 15 mL, 50 mL)	100 Nos. each			
20.	Sample storage tubes / cryovials	200 Nos. each			
21.	Petri dishes (plastic)	100 Nos.			
22.	Weighing boats	1000 Nos.			
23.	Plastic funnels	05 Nos.			
24.	Wash bottles	10 Nos.			
25.	Disposable beakers	10 Nos. each size			
26.	Pipette controllers	3 Nos.			
Filtration & Separation					
27.	Filter paper (various grades)	20 Nos.			
28.	Membrane filters	50 Nos.			

29.	Vacuum filtration flasks	10 Nos.			
30.	Filter holders	05 Nos.			
31.	Syringe filters	20 Nos.			
Cleaning & Maintenance Consumables					
32.	Lab detergents and cleaning kit	1 set			
33.	Brushes for glassware	05 Nos.			
34.	Kimwipes / lint-free wipes	20 packets			
35.	Paper towels	20 packets			
36.	Disinfectants (ethanol, bleach)	03 Nos.			
37.	Autoclave bags	05 Packets.			
38.	Spill kits (chemical & biological)	1 Nos.			
Storage & Labeling					
39.	Labels (chemical-resistant)	3 rolls.			
40.	Lab markers	10 packets			
41.	Parafilm	05 rolls			
42.	Aluminum foil	05 Nos.			
43.	Sample boxes	05 Nos. various sizes			
44.	Labelling tape	05 Nos.			
45.	Autoclave tape	05 Nos.			
46.	Secondary containment trays	05 Nos.			
47.	Warning sign boards. Wet floor, Biohazard etc	02 sets			
Waste Management & Safety					
48.	Biohazard bags	100 bags			
49.	Chemical waste containers	10 Nos.			
50.	Sharps containers	05 Nos.			
51.	Broken glass disposal boxes	05 Nos.			
52.	Neutralizing agents	02 Nos.			
53.	Fire blanket	10 Nos.			
54.	First-aid kit	1 Nos.			
55.	Eye-wash solution	02 Nos.			
Electrical					
56.	Extensions high quality	10 Nos.			
57.	Plug Adapters	10 Nos.			
58.	Torch Emergency light	02 Nos.			
Maintenance					
59.	3 Step ladder and stools	2 Each			
60.	Tool Box kit	1 Nos.			
Miscellaneous					
61.	pH paper / strips	02 Nos.			
62.	Weighing paper	02 packets			
63.	Thermometers	05 Nos.			
64.	Stop watch	05 Nos.			
65.	Logbook register & lab notebooks	10 Nos. each			

Note: The items in heading 4 (**Basic Lab Consumables required establishing a new R&D lab**) from Sr. Nos. 1-65 will be decided as package basis. It is also noted that all the bidders are requested to please quote all the items otherwise your bid will not be considered.

No. of quoted items

Value of quoted items

Fix E/Money

Signature of authorized person: _____

Seal of Company/firm: _____

Date: _____

Phone No. _____

Mobile No. _____

Fax No. _____



NATIONAL INSTITUTE OF HEALTH ISLAMABAD

Sealed tenders are invited for the purchase of **Equipment, Chemicals and Consumables for mRNA technology Transfer out of MPP Funds on F.O.R, NIH, Islamabad basis** as per attached Tender Enquiry, due on **02.04.2026 at 11.00 a.m on Single Stage Two Envelope Procedure Basis**. The tender will be opened on the same day at 11.30 a.m. in the Conference Room of this Institute. No tender will be considered after due date and time. Unsealed tenders will not be accepted.

TERMS & CONDITIONS:

1. Tender documents on **“F.O.R NIH, Islamabad Basis”** with complete specifications can be obtained from the Finance Division of this Institute after depositing of Rs.1000/-

(Non-refundable) as tender fee. Original receipt of tender fee must be enclosed with the tender documents.

2. All the tenderers are required to enclose a Bank draft/Call deposit of fix earnest money (Refundable) amounting to Rs.200,000/- (Rupees two hundred thousand only) **TO BE ATTACHED WITH TECHNICAL BID** in the name of Executive Director, NIH Islamabad. No other negotiable document except Bank draft/ Call deposit will be accepted. Previous security will not be considered for this tender. The tender of any firm/bidder who does not enclose the fix earnest money/short earnest money in the shape of bank draft/call deposit along with the tender documents, will not be considered.
3. The successful bidder will have to deposit 5% of the total cost of the items for which supply is being issued as security money within a week after issuance of the letter of intent. If the bidder fails to deposit 5% security money within the stipulated period, then the fix earnest money already deposited will be forfeited to NIH account and the supply order will not be issued. The 5% security money will be forfeited if the tender is accepted and supply is not completed within the stipulated period given in the supply order. The supply order will be placed upon the successful bidder/contractor after completion of all the codal formalities.
4. The Chief Executive Officer, NIH is not bound to purchase all the items in full quantity of any item mentioned in the tender form. He may issue supply order either for less or more quantity as per requirement of the concerned department.
5. A fresh solvency certificate with regard to the financial soundness of the firm from its banker should be attached with the quotations to asses the financial capability of the firm.
6. The following documents should be provided along with the tender.
 - a. Photocopy of computerized NIC of the Chief Executive/Proprietor of the firm.
 - b. Assessment of the tax by ITO of the last year 2024-2025 or 2023-2024.
 - c. A certificate of deduction of tax from the supplier under Income tax ordinance 2001 of the year 2024-2025 or 2023-2024.
 - d. In case of appeal under section 62, income tax ordinance, copy of the assessment of 2024-2025 or 2023-2024 to be provided along with the NTN number.
7. The supplier/contractor shall have to obey all the instructions issued to him from time to time by the Chief Executive Officer, NIH, Islamabad or his authorized officer in connection with supply of contract items.
8. The Chief Executive Officer, NIH is the final authority to decide any dispute and problem if any during contract period and thereafter, the decision of the Chief Executive Officer shall be final and binding on the supplier/contractor.
9. Quoted rates must be exclusive GST. A copy of sales tax registration certificate must be enclosed. In case of any escalation in rates of the item(s) during the period of contract,

NIH, Islamabad will not be liable on this account and the contractor is bound to complete the supply in any case.

10. Any other clarification, if required, can be obtained from Purchase & Procurement Department of this Institute. Conditional or incomplete tenders will not be accepted. Successful bidder will have to supply pre-shipment sample of items for evaluation if required.
11. All the bidders are directed to please provide the brochures/leaflet/technical information, brand name, catalogue number and company name of Equipment/Items which is being quoted. Containing complete specifications. The rates should be quoted for the given specification. The alternate specification given by the supplier will not be considered. The tender of those bidders whose rates are found un-realistic will not be considered.
12. The rates quoted in the tender should be **properly typed or clearly legible written. Erasing, overwriting and using fluid will amount to disqualification.** The tender shall be valid up to **31-12-2026.**
13. All supply must be completed by the specific date given in the supply order. The bidder should clearly mention the time period for completion of the supply in their quotation, so that supply order could be issued accordingly.
14. Sufficient time will be given in the supply orders for importable items as per PPRA rules 2004 amended from time to time. The supplier is bound to complete the supply within stipulated period. After completion of time period in supply order 1st reminder with 15 days period will be issued to supplier/contractor to complete supply. After 15 days a 2nd reminder with 07 days period will be issued to supplier/contractor to complete supply. After completion of this time security money of supplier/contractor will be forfeited and firm will be **Black Listed** to take part in the tender competition for supply to NIH in future. This action will be publicized for general awareness of the Government and Semi Government Departments.
15. NIH will be entitled at its discretion, to claim liquidated damages up to 1% of the total price of the item and their quantities for each month or part of the month beyond the specified delivery date. This amount will be deducted from contractor's bill.
16. Supply shall be accepted subject to the inspection and acceptance by the concerned department/inspection authority. Where consider necessary by the user department the store may be obtained on warranty/guarantee subject to inspection on receipt. Rejected store will be removed and replaced with the acceptable store by the supplier at his own expenses within a specified time. The rejected store shall be removed from ware house within 07 days by the supplier failing which the NIH management reserves the right to dispose off the same in addition to charge ware house rent on per day basis which will be fixed by CEO NIH.

17. Single Stage **Two Envelopes bidding procedure shall be applied**. The bid shall comprise single package containing two separate envelopes for the Financial Proposal and The Technical Proposal. Each envelope shall be marked as “**TECHNICAL PROPOSAL**” and “**FINANCIAL PROPOSALS**” separately, in bold and legible letters to avoid confusion. The envelope marked “Financial Proposal” shall have separate sealed envelopes for each quoted item, with the name of the quoted item written on each envelope in bold and legible letters. Initially, only the envelope marked “**TECHNICAL PROPOSAL**” shall be opened. The envelope marked as “**FINANCIAL PROPOSAL**” shall be retained in the custody of purchaser without being opened. Financial Bid of only the item(s) found to be technically acceptable; shall be opened, technically non-qualified bids will be returned back to the vendor as un-opened. The amount of the earnest money in the shape of the Bank Draft/CDR is required to be supported with financial bid.
18. The sealed envelope should be marked and “Tender for Purchase of “**Equipment, Chemicals and Consumables for mRNA technology Transfer out of MPP Funds**” on the left corner of the envelope and put in the relevant tender box placed in the office of the Director (P&P), NIH, Islamabad.
19. The terms and conditions of the tender, duly accepted/signed by the bidder must also be attached with the quotation.
20. In case failure to complete the Supply/Work order will be cancelled with forfeiture of 5% security money and in case of non-depositing of 5% security money the security letter will be cancelled with forfeiture of fix earnest money. The case will also be put to PPRA for **BLACK LISTING** to take part in the tender competition for supply of store to NIH in future. This action will publicized for general awareness of other Government and Semi Government Departments/PPRA website.
21. All the bidders are informed that according to Section-3 S. No. 22A (b) contained in Schedule-1 to Stamp Act-1899 regarding procurement of store and material, in case of agreement made or entered in to by a contractor agency or organization set up or controlled by the federal or the Provincial Govt. Stamp Duty @ Rupees twenty five paisa for every one hundred rupees or part thereof of the amount by the Finance Division of this Institute.
22. Contract will be made on Stamp Paper (no-judicial) for Rs.100/- only beyond the amount of Rs.10.00 Million or technicality involved.
23. If the bidder fails to supply/complete the work within stipulated time period, then 1% demurrage charges monthly will be deducted from their bill.
24. The Chief Executive Officer, NIH, Islamabad reserves the right to accept or reject any tender/all tenders without assigning any reason thereof.
25. Last date of the receipt of tender is **02.04.2026 at 11.00** a.m. No tender will be received after due date and time. No tender will also be received/entertained after due date and time which are received through Courier.

26. **All firms are directed to quote their bids/rates on online portal EPADS as well as original bid/rates must be submitted in hard form in Purchase and procurement department, otherwise bid will not be entertained. Contractor must be registered with PPRA EPADS Portal.**

Director
Purchase & Procurement

ACCEPTANCE CERTIFICATE BY THE BIDDER

We have read the contents of the terms and conditions (from S.No.1-26) carefully for participating in the tender of NIH Islamabad and accepted & agreed to abide by all terms and conditions prescribed above in case our tender is accepted.

Date: _____

Place: _____

Signature of Tenderer: _____

Address: _____

Seal of firm: _____

Phone No.: _____

Fax No.: _____

Mobile No.: _____

