

Misc. Electrical & Electronics Items (Sr. # a)

Sr.#	Items Description	Qty	Brand	Model	Unit Price (Rs)	Total Amount Rs
01.	SMD Light 17 Watt (Philips / Equivalent)	36 No				
02.	3/29 Cable Roll (Red + Black) GM / Equivalent	06 Coil				
03.	7/29 Cable Roll (Red + Black) GM / Equivalent	04 Coil				
04.	Single Remote Electric Bell 220 Volt	06 No				
05.	Extension Board with 05 Meter Wire 13A, 250V Model:EB-04 (HERO or Equivalent)	10 No				
06.	Soldering Wire 100 g	04 Roll				
07.	Exhaust Fan Motor	12 No				
08.	LED Bulbs 13 W (PIN Type)	12 No				
09.	LED Bulbs 13 W (Screw Type)	06 No				
10.	Insulation Tape (NETO / Osaka / Equivalent)	40 No				
11.	WD 40 Spray (330ml) or Equivalent	18 Bot				
12.	Tube Rod 36 Watt (Philips / Equivalent)	25 No				
13.	UPS Dry Battery 12V 18AH (LIDO/Equivalent)	36 No				
14.	UPS Dry Battery 6V 7AH (LIDO/Equivalent)	04 No				
15.	Cable Tie (292 x 3.6mm)	12 Pack				
16.	S10 Starter (Philips / Equivalent)	25 No				
17.	Capacitor 3.5u (Fuji / Equivalent)	12 No				
18.	HPI-TO 400 Watt Search Lights Rods (Philips / Equivalent)	06 No				
19.	Welding Copper Rods 01 Foot for ACs	29 No				
20.	Multi Socket Double (TJ / Equivalent)	12 No				
21.	Digital Multi Meter 179+RMS (Fluke / Equivalent)	01 No				
22.	Exhaust Fan 10 inch (Pak Fan/ Equivalent)	01 No				
23.	Exhaust Fan 12 inch (Pak Fan/ Equivalent)	03 No				
24.	Duct Patti 02 inch (GM / Equivalent)	06 Patti				
25.	Duct Patti ¾ inch (GM / Equivalent)	25 Patti				
26.	Duct Patti 01 inch (GM/ Equivalent)	25 Patti				
27.	Multi Meter Probes (04 Pair General & 02 Pair Needle)	06 Pair				
28.	KVM Switches 02 input VGA with Cable (D-Link/Equivalent)	06 Pair				
29.	Power Cable Computer (Standard Length) China	36 No				
30.	VGA Computer Cable (Standard Length) China	36 No				

31.	ON/OFF Switch (Hilife or Equivalent)	30 No				
32.	Printer Cable (Standard Length) China	24 No				
33.	Writeable CDs with Plastic Cover	120 No				
34.	Writeable DVDs with Plastic Cover	100 No				
35.	Key Board Wired (A4 Tech / Equivalent)	24 No				
36.	Mouse Wire (A4 Tech / Equivalent)	24 No				
37.	Color Ink Epson (Trans Print) Pack of 06 Color 500ml each	02 Pack				
38.	Networking Cable Roll Model: DS-ILN6 U-SCO, CCTV (Hikvision / Equivalent)	02 Roll				
39.	RJ 45 Connector Box (Bay Net/Equivalent)	06 Box				
40.	Mouse Pads (Standard Size)	50 No				
41.	Steno Set (PTCL/Panasonic/Equivalent)	02 No				
42.	Telephone Set with CLI (PTCL/Panasonic/Equivalent)	06 No				
43.	Telephone Receiver Cord	24 No				
44.	Telephone Line Cord	24 No				
45.	Weight & Scale Machine (Max. Weight Capacity 200 Kg)	06 No				
46.	Temperature & Humidity Digital Meter (HTC-1/Equivalent)	05 No				

(Pr. Administrator)

Air Conditioners, Humidifier & Ceiling Cassettes etc (Sr.# b)

S.#	Items Description	Qty	Brand	Model	Unit Price (PKR)	Total Amount (PKR)
1.	1.5 Ton Heat & Cool Inverter Air Conditioner Model: GS-18 FIT H6C (Gree / Equivalent) Colour: Silver OR Model: FTX A50 BV1H (Daikin / Equivalent) Colour: White	15 No				
2.	Dehumidifier 14-L Tank Capacity 25-L/day (Philips / Fndgedore / Equivalent)	04 No				
3.	Ceiling Cassettes 02 Ton Model: FTQ60EXV1 (Daikin / Equivalent) OR Model: GUD71T / B-S OR GKH24K3FI (Gree / Equivalent) "04 Way Ceiling Cassette Full DC Inverter Split Air Conditioner Heat & Cool with Washable Filters, BTU/hr 21500 Refrigerant R-410 with 01 Year Warranty & 03 Year Compressor Warranty"	05 No				
4.	LED TV 55" (Samsung/LG/Equivalent)	01 No				
5.	LED TV 42" (Samsung/Equivalent)	03 No				

(Pr. Administrator)

Misc. Sanitary, Safety & Hardware items (Sr. # c)

Sr.#	Items Description	Qty	Brand	Model	Unit Price (PKR)	Total Amount (PKR)
01.	Dry Valve Screw 1 ½ x 6 (Adamje / Equivalent)	12 Pkt				
02.	Dry Valve Screw 1 ½ x 8 (Adamje / Equivalent)	24 Pkt				
03.	Dry Valve Screw 1 ½ x 10 (Adamje / Equivalent)	24 Pkt				
04.	Dry Valve Screw 2 x 8 (Adamje / Equivalent)	06 Pkt				
05.	Dry Valve Screw 2 x10 (Adamje / Equivalent)	06 Pkt				
06.	Dry Valve Screw 1 x 6 (Adamje / Equivalent)	06 Pkt				
07.	Dry Valve Screw 3/4 x 6 (Adamje / Equivalent)	06 Pkt				
08.	Steel Nail 1 inch (Adamje / Equivalent)	06 Pkt				
09.	Steel Nail 2 inch (Adamje / Equivalent)	06 Pkt				
10.	Steel Nail 1 ½ inch (Adamje / Equivalent)	06 Pkt				
11.	Elfy 20ml (Elephant / Equivalent)	25 No.				
12.	Silicon Tube (310ml) (Gimsa / RTV / Equivalent)	06 Pkt.				
13.	Packing / OPP Tape 2 inch (Yellow)	24 No				
14.	Foot Mate Silicon (Capsule Type)	30'x4'				
15.	Filter Bottle Set (Water Filter Jar) 20 inch	03 No				
16.	Shoes Nylon 8-No (Bata / Chawla / Equivalent)	24 No				
17.	Revolving Chair B-514 Relax (Boss / Equivalent)	12 No				
18.	DCP Fire Extinguishers 6-Kg (Adam Fire Tech / China / Equivalent)	05 No				
19.	DCP Fire Extinguishers 25-Kg Trolley (Adam Fire Tech / China / Equivalent)	01 No				
20.	Co2 Fire Extinguishers 03-Kg (Adam Fire Tech / China / Equivalent)	05 No				
21.	Co2 Fire Extinguishers 25-Kg Trolley (Adam Fire Tech / China / Equivalent)	01 No				
22.	Wet Chemical Fire Extinguishers 06-Liter (Adam Fire Tech /China / Equivalent)	02 No				
23.	AFFF Fire Extinguishers 25-Liter Trolley (Adam Fire Tech /China / Equivalent)	01 No				
24.	Teflon Tape	30 No				
25.	Q Manager Stain Less Steel Stand with Ribbon	24 No				
26.	Digital Multi Meter 136C+ (UT / Equivalent)	01 No				
27.	Digital Multi Meter 204+ (UT / Equivalent)	01 No				
28.	Solder Wire Roll 70/30 (Goot / Equivalent)	500g				
29.	Solder Wire Roll 60/40 (Goot / Equivalent)	500g				
30.	Soldering Iron Bits 70W, 40W (Goot / Equivalent)	02 No (1+1)				

(Pr. Administrator)

Misc. General Store Items (Sr. # d)

Sr.#	Items Description	Qty	Brand	Model	Unit Price (PKR)	Total Amount (PKR)
01.	09-Volts Battery (Camelion/Equivalent)	30 No				
02.	D-Type Cells (Toshiba/Equivalent)	06 No				
03.	Cell AA, (Toshiba/Equivalent)	320 No				
04.	Cell AAA, (Toshiba/Equivalent)	300 No				
05.	Soap (White) 90-G (LUX/Capri/Tibet/Equivalent)	108 No				
06.	Soap (White), 90-G (Lifebuoy/Equivalent)	216 No				
07.	Soap (Small) 30-G (Tibet / Equivalent)	2000 No				
08.	Tissue Box (Multi Color) Rose Petal/ Equivalent	216 Box				
09.	Tissue Roll (MAXOB) Rose Petal/ Equivalent	1000 Roll				
10.	Tissue Roll (Z00P) Rose Petal/ Equivalent	1000 Roll				
11.	Dettol Liquid 100ml	36 No				
12.	Air Freshener, 300ml (Delite/Equivalent)	300 No				
13.	Glass Cleaner (Glint/Equivalent)	36 No				
14.	Liquid 275ml (Lemon Max/Vim/Safoon/Equivalent)	60 No				
15.	Bleach (Disinfection) 01-Liter (Yellow Label)	24 No				
16.	Insect Killer Spray, 300ml (Kingtox/Tiger/Equivalent)	84 No				
17.	Phenyl Liquid, 2.75ml (FINS/Equivalent)	480 No				
18.	Toilet Cleaner 1000ml	144 No				
19.	Revive All Spray, 250ml, (KIWI / Equivalent)	24 No				
20.	Dettol Cleaner, 01-Liter	12 No				
21.	Phenyl Ball 200-Gram	36 Pkt				
22.	Polythene Bags 3'x2'	25 KG				
23.	Biohazard Medical Waste Plastic Bags (Blue & Red)	500 KG				
24.	Towel White (Medium) VIP	12 No				
25.	Dust Mop	24 No				
26.	Broom (Flower Type)	120 No				
27.	Sootter / Cotton Wash	60 KG				
28.	Floor Wiper (Large)	12 No				
29.	Floor Wiper (Small)	24 No				
30.	Waste Bin (Platic) Size:10"x9" & 12"x10"	30 No				
31.	Water Glass (Plastic) Transparent Food Grade	144 No				

(Pr. Administrator)

Misc. Scientific, Medical & Surgical Items (Sr. # e)

S.#	Items Description	Qty	Brand	Model	Unit Price Rs	Total Amount Rs
1	Cotton Rolls 200-G (Koh-e-Noor / Equivalent)	500 No				
2	USG Gel 05-Liter (Eco-Supper Italy / Equivalent)	12 Bott				
3	Vinyl Gloves “Large” (YMS/National/Safety/Equivalent)	500 Box				
4	USG Roll 110-HG 1x10 (Sony Japan/Equivalent)	16 Box				
5	Disposable Face Mack	200 Box				
6	Tourniquet with Button	200 No				
7	Nebulizer Mask with Drain (Life Care/Equivalent)	100 No				
8	Oxygen Nosal Mask (Life Care/Equivalent)	100 No				
9	Aqua Check (Perfo) Blood Glucose Test Strips 1x50	04 No				
10	Drip Set (Life Care/Classic/Equivalent)	2000 No				
11	Gauze Piece (Malmal Roll)	05 Pkt				
12	Urine Container Sterilized	1500 No				
13	Urine Strips / Comber 10 100/Pack (Roche/Equivalent)	08 Pkts				
14	Alcohol Swabs 200/Box	150 Box				
15	Sunipalst Strip Medium 20 Strip (1x12/Pack)	1200 Pkt				
16	Alcohol 2.5-Liter (Merck/BDH/Equivalent)	02 No				
17	Formalin 2.5-Liter (Merck/BDH/Equivalent)	05 Bott				
18	Methanol (Industrial Grade)	150 Liter				
19	Xylene (Lab Grade)	05-Liter				
20	Acetone 2.5-Liter (Merck / Equivalent)	01 No				
21	Eppendorf Cup (500/Pack)	40 Pkt				
22	PCR Tubes 0.2ml, DNase, RNase Free (1000/Box)	01 Box				
23	Micropipette Tips 200ul Yellow (500/Pack)	80 Pkt				
24	I/V Branula 22G/24G (Vasofix B. Braun / Equivalent)	1000 No				
25	Butterfly Needle (23-G) with Lure Adaptor & Holder for Multi Sample Purposes (100-Pack)	25 Box				
26	Disposable Needles 27-Gauge (100/Box) Master / Equivalent	05 Box				
27	Disposable Needles 24-Gauge (100/Box) Master / Equivalent	40 Box				
28	Gafchromic Films for QC Radiotherapy 25cmx25cm	12 No				
29	Lead Gloves for Radioactive Waste	04 Pair				
30	Charcoal Filters for Hot Lab Fume Hood 1.1/2 x 2 or 2' x 2	06 No				
31	Magnetic Bubble Leveler for QC Phantom	01 No				
32	01-Meter Metallic Scale for Patients Survey	01 No				
33	uLPA Filter (u15) (610x1220x68) for Bio-Safety Cabinet	02 No				
34	uLPA Filter (u15) (610x305x68) for Bio-Safety Cabinet	02 No				
35	uLPA Filter (u15) (470x925x69) for Bio-Safety Cabinet	01 No				
36	uLPA Filter (u15) (420x800x69) for Bio-Safety Cabinet	01 No				
37	Triacid-N Disinfectant (01-Liter)	04 Bott				
38	HIV Screening Kit	300 Kit				
39	Typhoid Screening Kit	25 Kit				
40	Malaria Antigen Screening Kit	25 Kit				
41	Drug Screening Kit (10 Parameters)	25 Kit				
42	Urine Pregnancy Screening Kit	25 Kit				
43	Dengue NS1 Screening Kit	200 Kit				
44	HBs Ag Screening Kit	400 No				
45	Anti-HCV Screening Kit	500 No				

46	Gemsa Stain Solution 500ml/Bott (Ready to use)	01 Bott				
47	Bio-Diff Staining Kit (500ml x 3) Bio Gnost / Equivalent	02 Kit				
48	EA-50 Staining Solution (01-Liter/Bottle) Bio Gnost / Equivalent	02 Bott				
49	OG-6 Staining Solution (01-Liter/Bottle) Bio Gnost / Equivalent	02 Bott				
50	Hematoxyline Powder (25-Gram/Pack) Bio Gnost / Equivalent	01 Pack				
51	Oil Red O Staining Kit, 250ml x 4 (Bio Gnost / Equivalent)	01 Kit				
52	DPX Mounting Media 500ml/Bottle	03 Bot				
53	Potash Alum 01-Kg/Pack	02 Pack				
54	Positive Charged Glass Slides (72/Pack)	02 Pack				
55	Absolute Methanol HPLC Grade 04-Liter/Bottle	04 Bott				
56	Filter Tips 200ul (PCR) 96/Box	30 Box				
57	Filter Tips 1000ul (PCR) 96/Box	20 Box				
58	Ependorf/Serum Cup, 1.5ml (500/Pack) DNase/RNase Free	04 Pack				
59	Bio-Medical Waste Dust Bin with Pedal & Lid (45-Liter) Blue	20 No.				
60	Bio-Medical Waste Dust Bin without Lid (20-Liter) Red	10 No.				
61	Bio-Medical Waste PolyKart with Wheel & Lid (Full Size) Red	05 No.				
62	Bio-Medical Waste PolyKart with Wheel & Lid (Full Size) Blue	05 No.				

(Pr. Administrator)

Misc. Medicines (Injections etc) (Sr. # f)

Sr. #	Items Description	Qty	Brand	Model	Unit Price (PKR)	Total Amount (PKR)
1	Inj. Decadron 1cc	2000 No				
2	Inj. R/L 1000ml	50 No				
3	Inj. Kinz 10ml	50 No				
4	Inj. Metacolan, 10mg	300 No				
5	Inj. Toradol, 30mg	50 No				
6	Inj. Avil, 02ml	500 No				
7	Inj. Tonoflex, 2ml	300 No				
8	Inj. Transamin/Brino 500mg	50 No				
9	Inj. Onset, 08mg	100 No				
10	Inj. Atropin, 01ml	20 No				
11	Inj. Adrenaline, 01ml	20 No				
12	Inj. N/S 100ml	2000 No				
13	Inj. N/S 500ml	1000 No				
14	Inj. N/S 1000ml	200 No				
15	Inj. D/W 500ml	200 No				
16	Inj. D/S 500ml	100 No				
17	Inj. Gravinate, 01ml	50 No				
18	Inj. Ca. Gluconate, 01ml	20 No				
19	Inj. Dopamin 200mg	10 No				
20	Inj. Dormicum 5mg	10 No				
21	Inj. Dobutamin, 04ml	10 No				
22	Tab. Capoteen 25mg	1000 No				
23	Inj.Lasix, 2ml	3000 No				
24	Hyzonate 250ml	400 No				

(Pr. Administrator)

Misc. Syringes (Auto-Disable) & Vacutainers (Sr. # g)**A) Vacutainers / Blood Collection Vials**

S.#	Items Description	Qty	Brand	Model	Unit Price / Per Vial (PKR)	Total Amount PKR
1.	(Lavender Top) K2 EDTA (Volume Capacity: 02-03 ml) Becton Dickinson / Greiner Bio-One / Equivalent	50000 No				
2.	(Yellow Top) Clot Activator with Serum Separator Gel (Volume Capacity: 03-04 ml) Becton Dickinson / Greiner Bio-One / Equivalent	20000 No				
3.	(Green Top) Lithium Heparin (Volume Capacity: 3-4 ml) Becton Dickinson / Greiner Bio-One / Equivalent	200 No				
4.	(Blue Top) Sodium Citrate (Double Wall Sandwich Tube) Volume Capacity: 02-03 ml (Becton Dickinson / Greiner Bio-One / Equivalent)	1000 No				
5.	(Gray Top) Sodium Fluoride (Volume Capacity: 02-03ml) Becton Dickinson / Greiner Bio-One / Equivalent	1000 No				

B) Auto-Disable Disposable Syringes

S.#	Items Description	Qty	Brand	Model	Unit Price / Per Box (PKR)	Total Amount PKR
1.	Auto-Disable Syringes 3cc (Becton Dickinson/Nipro/Equivalent)	600 Boxes (100 Syringes/Box)				
2.	Auto-Disable Syringes 5cc (Becton Dickinson/Nipro/Equivalent)	100 Boxes (100 Syringes/Box)				
3.	Auto-Disable Syringes 10cc (Becton Dickinson/Nipro/Equivalent)	75 Boxes (100 Syringes/Box)				
4.	Disposable Syringes 20cc (Becton Dickinson/Nipro/Equivalent)	03 Boxes (100 Syringes/Box)				
5.	Insulin Syringes (Becton Dickinson/Nipro/Equivalent)	05 Boxes (100 Syringes/Box)				

(Pr. Administrator)

**REQUIRED TECHNICAL SPECIFICATIONS FOR VACUTAINERS AND AUTO-DISABLE SYRINGES OPEN
TENDER 2026 (Sr.# g)**

Technical specifications of Vacutainers

- Vacutainers should be of USA or European brands (Becton Dickinson, Greiner Bio-one or equivalent)
- Vacutainers should be made of PET Plastic
- Vacutainers should be CE and IVD Marked with valid certification from relevant authorities.
- Supplier should provide 10 Vacutainers of each type for technical evaluation at the time of bid submission.
- Supplier should be authorized distributor of manufacturer company/brand in Pakistan (Valid Authorized distribution letter)
- Vacutainers should be of atleast 9-12 months expiry at the time of supply. MINAR will procure the vacutainers in two parts i.e. 60% of total quantity at the time of tender award and remaining 40% after six months.

Technical Specification and quantity details of Auto-disable syringes

- Auto disable syringes with capacity of 3cc, 5cc and 10cc(Becton Dickinson, Nipro or equivalent).
- Syringe should be in EO-Sterilize individual packaging with attached or separate needle with lure slip or lure lock within same package.
- Syringe should be made of high-quality polypropylene plastic and synthetic rubber material recommended for human IV use.
- Needle hub and barrel should be transparent for clear visual of fluids with clear bold markings on barrel.
- Retaining ring for prevention of accidental plunger rod pullout.
- All valid certifications including CE, safety assessment of manufacturing material including plastic, rubber, lubricant, needle and other relevant certifications should be provided with the bid.
- Bidding firm will provide details about country of origin/manufacturing of syringes
- Tender participating firms will submit atleast 10 syringes as samples for evaluation purpose.
- Syringes should have expiry of atleast 18 months at the time of supply, otherwise MINAR will procure the syringes partly according to available expiry

Vacutainer Type	Component	Volume Capacity	Required Quantity
Lavender top	K2 EDTA	2-3ml	50000 Nos.
Yellow Top	Clot Activator with Serum Separator Gel	3-4ml	20000 Nos.
Green Top	Lithium Heparin	3-4 ml	200 Nos.
Blue Top	Sodium Citrate (double wall sandwich tube)	2-3ml	1000 Nos.
Grey Top	Sodium Fluoride	2-3 ml	1000 Nos.
Syringe Description		Capacity	Quantity
Auto-disable syringe (Becton Dickinson, Nipro or equivalent), 100/Box		3cc	600 Boxes
Auto-disable syringe (Becton Dickinson, Nipro or equivalent), 100/Box		5cc	100 Boxes
Auto-disable syringe (Becton Dickinson, Nipro or equivalent), 100/Box		10cc	75 Boxes

(Pr. Administrator)

BCR-ABL 1 Genotyping Kit& RNA Extraction Kits (Sr.# h)

Sr. No.	Items Description	Required Quantities
1	BCR-ABL1 Genotyping tests	100 Tests
2	Total RNA Extraction from blood for BCR ABL1 (Magnetic bead/Spin Column)	100 Extractions

Required technical specifications:

1. Genotyping kits should be based on qPCR system methodology.
2. Genotyping kits should be capable of detecting & differentiating between three splice variants of BCR-ABL1 Translocation associated with leukemia including p210, p190 and p230.
3. Kits should have high analytical specificity (>98%).
4. Firm should also quote total RNA extraction kits (from blood) compatible with quoted genotyping kits.
5. Total RNA extraction kits should be magnetic beads based (preferably) or spin column based.
6. Quoted kits should have a internal control (IC) incorporable during extraction.
7. Amplification kits should have distinctive primers and probe for IC with distinctive detection channel.
8. MINAR has own Real Time PCR thermal cycler (SLAN-96p) with four fluorescent detection channels including FAM, HEX, ROX and CY5. Quoted Kits should be compatible with this system.
9. Tender winning firm will be responsible for optimization of quoted kits on this system at their own cost before the issuance of supply order.
10. Competition for lowest bidder will be based on total cost of a single test including cost of extraction and amplification quoted by a bidder after technical evaluation.
11. In case lowest bidder failed to optimize quoted kits within the stipulated time on system available at MINAR , 2nd lowest bidder will be invited to optimize their quoted kits.
12. MINAR will procure the kits on “As & When Require” basis during 01 year after the award of tender.
13. Tender winning firm will be responsible for any technical services regarding supplied kits free of cost during the utilization period of purchased kits.
14. Firm should provide reference of atleast 02 reputed labs along with contact details where quoted kits are in use.
15. Kits should be CE and IVD marked with certification from relevant authorities.
16. Firms will provide the complete literature/user manual& brochure of quoted kits along with the bid for technical evaluation.

(Pr. Administrator)

BCR-ABL1 TRANSLOCATION VARIANTS QUANTIFICATION TESTS ALONG WITH COMPLEMENTARY FULLY AUTOMATED MOLECULAR DIAGNOSTIC SYSTEM (Sr.# h)

Sr. No.	Test Parameter	No. of Test
1	BCR-ABL1 p190 Quantification	10 Nos.
2	BCR-ABL1 P210 Quantification	90 Nos.

Required Technical Specifications:

- BCR-ABL1 translocation variants quantification tests are required in above mentioned quantities during the period of 01 year on “As & When Require” basis.
- Tests should be cartridge based (01 Cartridge = 01 Test).
- Each cartridge should be a complete assay package and includes all type of controls and standards require to complete quantification assay.
- Firm should quote cost of single test including all required consumables free of cost(i.e. wash reagent, proteinase K, lysis reagent etc.)
- Tests should have high sensitivity with capability to detect deeper molecular response (MR) with limit of detection (LOD) of atleast 4.5MR.
- The test should have a linear range of atleast 4 to 5 logs from 100% to 0.001% on BCR-ABL1 International Scale (IS).
- Test should have high precision with reliability e.g. it can differentiate between MR 3.0 from MR 4.0.
- Testing assay should use a validated reference gene to normalize the transcript numbers.
- Testing assay should be pre-calibrated to IS or can be convertible to IS by system software. Conversion factor (CF) either comes with the kits or will be provided by firm along with each lot.
- Tender winning firm will be responsible to install a fully automated molecular diagnostic systems compatible with quoted kits on complementary basis for the period of utilization of purchased kits.
- This system should be scalable with minimum 02 modules and will come with all required accessories and computer system.
- Training of staff regarding instrument handling, performing assay and results evaluation and report preparation will be provided by the firm at their own cost.
- Firm will be responsible for any type of repair/maintenance and technical services at their own cost.
- Firms will provide detailed brochure of testing kits and technical specification of related instrument along with the bid for evaluation.

(Pr. Administrator)

Misc. General & Customized Stationery Items (Sr. # i)

Sr.#	Items Description	Qty	Brand	Model	Unit Price (PKR)	Total Amount (PKR)
01.	Papers A4 Size (70-G) Copymate/Equivalent	1200 Rim				
02.	Ball Points (Blue-1100, Red-50, Black-50) Picasso Oria or Grip or Equivalent	1200 No				
03.	Lead Pencils (Autocrat) Gold Fish/Equivalent	96 No				
04.	Ink Stamp Pad (Crystal)	60 No				
05.	Sticky Notes Colored	12 Pkt				
06.	Correction Pen (UNI / Equivalent)	72 No				
07.	Highlighter (Mercury / Equivalent)	50 No				
08.	Transparent File (02 Hole Punch)	12 No				
09.	Prescription Pads (100 Pages) (Same as the sample)	2000 Pad				
10.	Report Envelops A-4 Size 80-Gram (Same as the sample)	10000 No				
11.	Report Sheets AA 80-Gram 500 Sheets/Rim (Same as the sample)	250 Rim				
12.	Marker 70 No (Piano/Dollar/Equivalent)	120 No				
13.	Drug Charts / Temp. Chart (Same as the sample)	20 Pad				
14.	Duty Dr. Performa (Same as the sample)	10 Pad				
15.	Chemo Register (Same as the sample)	12 No				
16.	Follow Up Sheets (Same as the sample)	25 Pad				
17.	Customized Discharge Card, Onco. 350 Gram (Same as the sample)	2000 No				
18.	Customized N.M Pt. Reports Folders 350-G (Same as the sample)	22000No				
19.	Contouring Paper Sheet (Same as the sample)	06 Rim				
20.	Chemo Sheets (Same as the sample)	30 Pad				
21.	PWS Form Pads (Same as the sample)	100 Pad				
22.	Paint Marker (Black) Uni/Equivalent	50 No				
23.	Duster Flannel-200, Cotton-300	500 No				
24.	Fiducial Marker	02 No				
25.	Transpore Tape 1 inch	60 No				
26.	Paper Tray / Basket (Plastic)	12 No				
27.	Customized LINAC Treatment Card (Same as the sample)	2000 No				
28.	Barcode Label TTL 50x25	150 No				
29.	Wax Ribbon Roll	60 No				
30.	Iodine Performa / Instruction Pads (Same as the sample)	50 No				
31.	Pt. I-131 Iodine Files (Same as the sample)	500 No				
32.	Glossy Paper A-4 (200-G) 50 Sheets/Rim	560 No				
33.	G.C Register (Same as the sample)	10 No				
34.	Cardiac Performa Pads (Same as the sample)	10 No				
35.	I-131 Pt. Consent for Traveling Pads (Same as the sample)	10 No				
36.	Consent Form for Cardiac Pt. (Same as the sample)	10 No				
37.	Dexa Report Folders 350-G Art Card (Same as the sample)	500 No				
38.	Discharge Cards I-131(Same as the sample)	500 No				
39.	N.M Green File Covers (Same as the sample)	1000 No				
40.	Pencil Eraser	30 No				

41.	<i>Pink Paper A-4 Size 100 Sheets/Rim (½ Cutting) (Same as the sample)</i>	<i>1000 Rim</i>				
42.	<i>File Flappers 3”</i>	<i>800 No</i>				
43.	<i>Binding Covers with Tag for Accounts</i>	<i>120 No</i>				
44.	<i>Stapling Pin 24/6, (Dollar / Equivalent)</i>	<i>500 Pkt.</i>				
45.	<i>Punch Machine (Single Hole)</i>	<i>24 No</i>				
46.	<i>Cello Tape 2 inch</i>	<i>48 No</i>				
47.	<i>Cello Tape 1 inch</i>	<i>72 No</i>				
48.	<i>Envelope 12x15 Brown 80-Gram</i>	<i>500 No</i>				
49.	<i>Envelope 10x12 Brown 80-Gram</i>	<i>1000 No</i>				
50.	<i>Customized Gate Pass Formal Carbon Less (Same as the sample)</i>	<i>10 Pad</i>				
51.	<i>Vehicle Movement Register (Same as the sample)</i>	<i>04 No</i>				
52.	<i>Log Book Vehicle (Same as the sample)</i>	<i>04 No</i>				
53.	<i>Customized (UV Coated) DVDs with Covers (250-Gram) Art Card for CT Scan (Same as the sample)</i>	<i>3000 No</i>				
54.	<i>Customized (UV Coated) DVDs with Covers (250-Gram) Art Card for MRI Scan (Same as the sample)</i>	<i>2000 No</i>				
55.	<i>CT Film Cover 350-Gram Art Card (Same as the sample)</i>	<i>1000 No</i>				
56.	<i>MRI Film Cover 350-Gram Art Card (Same as the sample)</i>	<i>1000 No</i>				
57.	<i>Files D-Ring (Card Type)</i>	<i>25 No</i>				

(Pr. Administrator)

HBV DNA / HCV RNA Extraction & Real Time PCR Amplification Kits (Sr. # j)

Sr.#	Items Description	Qty	Brand	Model	Unit Price (PKR)	Total Amount (PKR)
01.	<i>HCV RNA Extraction Kits (24-Test/Kit)</i>	<i>30 Kits</i>				
02.	<i>HCV RNA Amplification Kits (24-Test/Kit)</i>	<i>20 Kits</i>				
03.	<i>HBV DNA Extraction Kits (24-Test/Kit)</i>	<i>10 Kits</i>				
04.	<i>HBV DNA Amplification Kits (24-Test/Kit)</i>	<i>07 Kits</i>				

(Pr. Administrator)

**HBV DNA/HCV RNA Extraction kits and Real Time PCR Amplification Kits
Required Quantities (Sr.# j)**

Sr. No.	Item Description	Quantity Required
1	HCV RNA Extraction Kits (24 test/kit)	30 Kits
2	HCV RNA Amplification Kits(24 test/kit)	20 Kits
3	HBV DNA Extraction Kits (24 test/kit)	10 Kits
4	HBV DNA Amplification Kits (24 test/kit)	07 Kits

DNA/RNA Extraction Kits

- Extraction Kits should be based on magnetic beads technology.
- Only manual extraction kits are required (Not auto-extractor kits).
- All Kits should be IVD/CIVD approved.

HBV DNA Real-time PCR Quantitative Amplification Kits

- Amplification kits should be based on fluorescent probe real time quantification with distinctive fluorescence signaling dye (FAM or equivalent).
- Amplification kits should have incorporated contamination proofing system (UNG Enzyme+dUTP).
- Amplification kits should include 4 quantification standards, positive, negative and internal controls.
- Internal control should be incorporable during extraction process (not during amplification).
- Amplification kits should include TaqMan for internal control with distinctive fluorescence dye (HEX or equivalent) and normalizing dye (ROX or equivalent).
- Amplification kits should have sensitivity of ~ 10 IU/mL.
- Quantification range should be between 10to 2.0E+09 IU/mL.
- All fluorescence dyes should be distinctive with minimum noise.

HCV RNA Real Time PCR Quantitative Amplification Kits

- Amplification kits should be based on fluorescent probe real time quantification with distinctive fluorescence signaling dye (FAM or equivalent).
- Amplification kit should include atleast 4 quantification standards with positive, negative and internal controls.
- Internal control should be incorporable during extraction process (not during amplification).
- Amplification kits should include TaqMan for internal control with distinctive fluorescence dye (HEX or equivalent) and normalizing dye (ROX or equivalent).
- Amplification kits should have sensitivity of ~ 20 IU/mL
- Quantification range should be ~ 20to 1.0E+08 IU/mL.

Tender terms and conditions:

- MINAR Lab has its own purchased Real Time PCR Instrument (SLAN 96) which is optimized for Amplification kits of Sansure Biotech, China. So, extraction and amplifications kits of Sansure Biotech, China or equivalent (should have been optimized for SLAN-96) are required.
- Firm who will quote Extraction and Amplification kits of manufacturer other than Sansure Biotech, China should provide a reference of a reputable institute/Lab Preferably of PAEC Hospitals or within Multan, where quoted items are already in use, for evaluation purpose.
- If technically approved lowest bidder quoted kits other than Sansure, Biotech China, 01 Kit of each extraction and amplification will be provided free of cost for evaluation purpose before the award of tender.
- Extraction and amplification kits should be of same manufacturer to achieve the claimed sensitivity.
- Tender wining firm is bound to supply therequired items within one month of issuance of supply order.
- All kits should have expiry of atleast 01 year at the time of supply. If such expiry is not available, firm will be required to supply the kits partly after discussion with end user.

(Pr. Administrator)

TERMS & CONDITIONS

1. The delivery/installation will be considered included in quoted rates at site i.e. AECH, MINAR Multan along-with commissioning, insurance and all other risks where necessary.
2. **Single Stage – One Envelope Procedure**:- The bid shall comprise of one Single Package containing separately Financial Proposal and Technical Proposal.
3. The separate envelopes should be marked as Technical Proposal and Financial Proposal in bold and legible letters. Put the both envelopes in a large envelope and Mark it as “Tender Name with Sr. #” and then seal it properly.
4. Offered stores must be new, with best quality confirming stipulate specification, make/model/brand and mentioned clearly country of origin.
5. Delivery period of stores shall be 21 Days or specific delivery period (if desired) shall be mentioned on F.O.R, AECH, MINAR Multan, Basis.
6. If supplier fails to deliver the stores within the specified/stipulated period at site, this Institute has right to cancel the supply order or restore until firm request for extension in delivery period with valid justification before expiry of valid due date.
7. Validity of bid shall not be less than **60 Days** from the date of opening of bids/tender. Bid validity less than 60 Days will not be considered at all.
8. All the tenders/bids shall be furnished fairly typed duly signed & stamped along-with Earnest Money (with Technical Bid) in the form of Original Pay Order/ Bank Draft / CDR (refundable) equivalent 2% of the total quoted value in favor of Sr. Accounts Officer, MINAR. Cheques bid bond, bank guarantee and cash will not be accepted. The earnest money will be refunded to the un-successful bidders after the finalization of procurement case and will be retained in case of successful bidder till the completion of Warranty Period, successful Supply & Installation and Consumption of store items as per supply order/contract agreement (Whichever is applicable).
9. The bidders who will download tender documents from the PPRA Website, will deposit tender fee **Rs.500.00** for each tender (non-refundable) in the shape of bank demand draft or pay order positively in favor of Sr. Accounts Officer, P.O. BOX No.377, Multan with their bid(s).
10. Maximum Warranty Period must be mentioned in the bid (if any).
11. The bidders must provide sample(s) of each quoted item(s) (where documents are insufficient to justify the required quality & specs) with the technical bid duly signed & stamped in the sealed envelope. In case of non-compliance, the bid will be rejected at the spot.
12. The bidder must quote rates of item(s) in accordance with the sequence and packing unit as mentioned in the tender documents.
13. No amendment in the Technical Proposal will be permitted during evaluation. This Institute has right to accept or reject any Technical specification as well as amend quantity.
14. In case of issuance of supply order, bidder must supply the requisite ordered items having maximum expiry date but not less than 06-Months. However, in case of short expiry bidder will replaced the expired items with maximum expiry until the utilization period of this Institute.
15. If any cutting, overwriting and erasing is found in tender, the same shall not be entertained unless otherwise authenticated.
16. The bid must reach the undersigned at **1200 Hours** on or before *Fifteen Working Days* from the date of publication tender notice, which shall be opened on the same day at **1300 Hours** in the presence bidders who opt to attend at MINAR. No Tender will be considered, if received after the time and date fixed and without fee payment.
17. The bidder should be registered with Sales Tax Department with active status currently (attach GST Certificate, NTN Certificate) having their own offices with telephone/fax facilities.
18. Applicable Taxes will be deducted in case of award of supply order(s) as per Govt., policy/rules at the time of release of payment.
19. The bidders are bound to attach valid Drug Sale License and Authority / Distribution / Dealership letter with technical bids (where applicable).

20. The quantity to be purchased from the suppliers can be increased or decreased as per requirements of MINAR. The suppliers are to ensure timely delivery of items as specified failing to which liquidated damages / late delivery (L.D) charges will be applied @ 2% per day subject to a maximum of 10% of the purchase / supply order.
21. If the bidder/supplier unconditionally accepts all "Terms & Conditions "of MINAR then participate on open tender and quote rates.
22. The Competent Authority reserves the right to accept or reject any or all the proposals on the basis of technical evaluation or later at any stage due to any reason.
23. Submit the Tender and related documents duly signed and stamped to the specified address: Pr. Administrator, AECH, MINAR inside Nishtar Medical University & Hospital, Multan.
24. Any proposal submitted without observing the instructions will be rejected and no claim will prevail anymore.

(Pr. Administrator)