



DIRECTORATE OF VETERINARY RESEARCH AND DIAGNOSIS  
CENTRAL VETERINARY DIAGNOSTIC LABORATORY SINDH  
TANDO JAM TELEPHONE # 0222765279 FAX # 0222766964.

## CERTIFICATE

This is to certify that the prices are comparable to the market rates in respect of single bids received in response to NIT NO.CVDL/AC/TENDER (14-15/V) for which bids were opened on 28-04-2015. So as per SPPRA rule 48 bid accepted.

(Dr. Aslam Pervez Umrani)  
Director

Veterinary Research & Diagnosis  
Central Veterinary Diagnostic Laboratory  
Sindh, Tando Jam.

(Muhammad Anwar Malik )  
Section Office (G)  
Livestock & Fisheries Department,  
Government Of Sindh, Karachi.

Representative of  
District Accounts Office Hyderabad.

Representative of  
Finance Department, GoS,

(Dr. Abdullah Mewati)  
Director General  
Livestock (Extension/Research)  
Sindh, Hyderabad



# Musaji Adam & Sons

Since 1966

## QUOTATION

Ref.No: MAS/1291/2015

Date: 04.05.2015

Messrs: Veterinary Research & Diagnosis,  
Central Veterinary Diagnostic Laboratory Sindh, Tando Jam.

S.#	Item	Pack	Qty.	Unit Price
1	Timer Bench Top Cat # 91500-003 ca Make: Alla, France	Each	1	58,500
2	Digital Thermo meter Cat # 91000-027 B Make: Alla, France	Each	1	22,750

**Terms & Conditions:**

Above quoted prices are valid for 30 days.  
Above quoted price are including GST.  
Delivery time for imports will be 10 to 12 weeks.





# SHAMEEL ENTERPRISES

Deal In: Livestock / Poultry Medicines, Feeding for Animals, Machinery Equipment,  
General Order Supplier & Exhibition / Seminars, Event Arrangements.

Ref: \_\_\_\_\_

Date: 04/05/2015

## QUATATION

To,

The Directors  
Veterinary Branch of Dte. Govt  
C.V.O. Quetta  
Faisalabad.

Order Item #	Name of item	Rate per item
10.	Digital bench Top timer.	Rs. 65800/-
12.	Digital Room thermometer.	Rs. 20200/-



*Shameel*  
Shameel Enterprises  
Sindh Hyd.





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CENTRAL VETERINARY DIAGNOSTIC LABORATORY SINDH  
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PROCUREMENT PLAN  
FOR THE FINANCIAL YEAR 2014-2015.

Title of procurement.	Estimated cost.	Method	Tentative/ Actual date of NIT	Tentative/ Actual closing date of NIT	Tentative/ Actual date of award of contract.	Tentative Deadline/ Actual date of execution.	Remarks.
Purchase of laboratory machinery & equipment.	9.034 Million	Single Stage Single Envelope	10-04-2015	27-04-2015	18-05-2015	10-06-2015	

  
DIRECTOR  
Veterinary Research & Diagnosis  
Central Veterinary Diagnostic Laboratory  
Sindh, Tando Jam.



**DIRECTORATE OF VETERINARY RESEARCH AND DIAGNOSIS  
CENTRAL VETERINARY DIAGNOSTIC LABORATORY SINDH  
TANDO JAM TELEPHONE # 0222765279 FAX # 0222766964.**

**MINUTES OF THE 1<sup>ST</sup> MEETING OF THE PROCUREMENT COMMITTEE HELD ON  
28-04-2015 @ 12.30PM IN THE DIRECTORATE GENERAL, LIVESTOCK  
(EXTENSION/RESEARCH) SINDH, FOR THE PURCHASE OF "LABORATORY  
MACHINERY AND EQUIPMENT" FOR THE DIRECTORATE OF VETERINARY  
RESEARCH & DIAGNOSIS, CVDL SINDH, TANDO JAM DURING THE YEAR 2014-15.**

**List of participants attached.**

The tender was advertised in national newspapers through information department & Government website. The tender was published in **The Express Tribune, Sindh Express Hyderabad, Regional Times, Daily Jeejal and Daily Jang Karachi** dated April 9-10, 2015, SPPRA website S.No.23563 dated April 7, 2015 and Sindh Government website dated April 7, 2015

**Nine (09) firms** for purchased tender documents and responded.

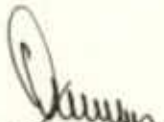
The tenders were opened on 28-04-2015 @ 12.30PM before nine (09) interested bidders/ authorized representatives (copy enclosed) in the Directorate General, Livestock (Extension/Research) Sindh, Hyderabad by the Procurement Committee.

The Procurement Committee opened the tenders and announced the cost of each item loudly along with amount of earnest money and other formalities. The following decisions were taken in the meeting.

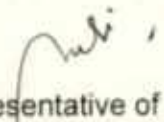
- The tenders be evaluated/ scrutinized for technical specification and rate.
- Comparative statement and working paper be prepared showing the technical specification as per tender items and same may be put before the Procurement Committee during its 2<sup>nd</sup> meeting will be held on 04-05-2015 @ 11.00am for evaluation, scrutinization and finalization of tenders.


  
(Dr. Aslam Pervez Umrani)  
Director

Veterinary Research & Diagnosis  
Central Veterinary Diagnostic Laboratory  
Sindh, Tando Jam.

  
(Muhammad Anwar Malik)  
Section Office (G)  
Livestock & Fisheries Department,  
Government Of Sindh, Karachi

  
Representative of  
District Accounts Office Hyderabad

  
Representative of  
Finance Department, GoS,

  
(Dr. Abdullah Mewati) -  
Director General  
Livestock (Extension/Research)  
Sindh, Hyderabad.



ATTENDANCE SHEET.

List of Bidders/Representatives participated in the 1<sup>st</sup> Meeting of Procurement Committee held on 28-04-2015 @ 12.30hours in the Directorate General, Livestock (Extension/Research) Sindh, Hyderabad for opening of Tenders for the purchase of Laboratory Machinery & Equipment for Central Veterinary Diagnostic Laboratory Sindh, Tando Jam during the current financial year 2014-15.

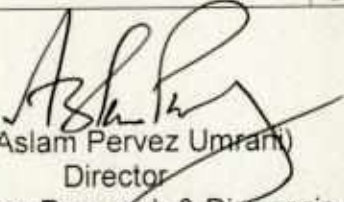
Sr. #	NAME OF FIRM	NAME OF THE PARTICIPANTS/ REPRESENTATIVE	SIGNATURE.	Cell #
1	Shameel Enterprises	M. Fakhir		034555757521
2	Naeem Ali	Scientific Technical Corporation (Pvt) Ltd		03123411686
3	Mohd. Rafiq	Talhar Ew Kaval	M. Rafiq	0300-3531361 32635609
4	Baqat Ali	Buzak Buzak		03412646584
5	AJ Enterprises	Mehd Hussain		0302-3070
6	Saved Trading	Khandim Hussain		0303-21970 990
7	M/S. AL-SHARIQUE TRADING COMPANY	Sharique Khalid		0300-3033906 49
8	Habib Sons	M. FAHWAD		03003016498
9	AScientee	Ahsan		03000202367
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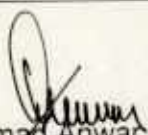


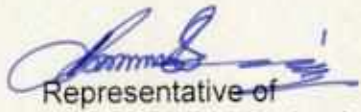
**DIRECTORATE OF VETERINARY RESEARCH AND DIAGNOSIS  
CENTRAL VETERINARY DIAGNOSTIC LABORATORY SINDH  
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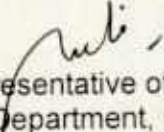
**BID EVALUATION REPORT.**


1.	Name of procuring Agency.	Director, Veterinary Research & Diagnosis, Central Veterinary Diagnostic Laboratory Sindh, Tando Jam.
2.	Tender Reference No.	NO.CVDL/AC/TENDER (14-15/V).
3.	Tender description Name of work/item.	Purchase of Machinery and Equipment.
4.	Method of procurement.	Single Stage - One Envelope Procedure
5.	Tender Published.	The Express Tribune, Sindh Express Hyderabad, Regional Times, Daily Jeejal, Daily Jang Karachi and Halchal dated April 9-10, 2015.
	SPPRA No.	<b>23563</b>
6.	Total bid documents Sold.	09
7.	Total bids received.	09
8.	Technical Bid opening date.	0
9.	No. of technically qualified (if applicable)	0
10.	Bid(s) Rejected.	0
11.	Financial Bid Opening dated	28-04-2015
12.	Bid evaluation Report.	Comparative Statement , Evaluation / Scrutinization report and Minutes of Procurement Committee Attached Annexure-A, B & C.

  
(Dr. Aslam Pervez Umrani)  
Director  
Veterinary Research & Diagnosis  
Central Veterinary Diagnostic Laboratory  
Sindh, Tando Jam.

  
(Muhammad Anwar Malik)  
Section Office (G)  
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Representative of  
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Representative of  
Finance Department, GoS.

  
(Dr. Abdulah Mewati)  
Director General  
Livestock (Extension/Research)  
Sindh, Hyderabad.



15/09/14

### NOTIFICATION

NO SOG/1&F/TC/SPPRA/2014: The following Procurement Committee of Livestock & Fisheries Department, Government of Sindh are hereby constituted for procurement of Medicines/Vaccines/Feed/Machinery & Equipment/Transport/Furniture & Fixture etc. in accordance with SPPRA Rule 07&08 of 2010, and terms of References (ToRs)


#### PROCUREMENT COMMITTEE

- |       |   |          |
|-------|---|----------|
| (i)   | Director General, Concerned                           | Chairman |
| (ii)  | Director/PD/Dy Director/DEO's, concerned              | Member   |
| (iii) | Representative of A.G.Sindh/D.A.O                     | Member   |
| (iv)  | Representative of Finance Deptt: Govt of Sindh        | Member   |
| (v)   | Section Officer (G), Livestock & Fisheries Deptt: GoS | Member   |

#### FUNCTIONS AND RESPONSIBILITIES OF PROCUREMENT COMMITTEE SHALL BE RESPONSIBLE FOR:

1. Preparing/open bidding documents.
2. Carrying out technical as well as financial evaluation of the bids.
3. Preparing evaluation report as provided in Rule 45.
4. Making recommendations for the award of contract to the Competent Authority and perform any other function i.e. ancillary and in incidental to the above.
5. The Competent Authority, i.e. Secretary Livestock & Fisheries Deptt: Govt of Sindh would give final approval of the procurement on the recommendations of Procurement Committee.


This Department's Notifications for Procurement Committee/ Technical Standardization Committee issued on 11.09.2014, are hereby cancelled/withdrawn.

  
ABDUL RAHIM SOOMRO  
Secretary to Government of Sindh

NO SOG/1&F/TC/SPPRA/2014/  
ET. L.

Karachi, dated 15.09.2014

- (i) The Accountant General, Sindh, Karachi
- (ii) The Secretary, Finance Deptt: Govt of Sindh, Karachi
- (iii) The Director General, Livestock, Sindh, Hyderabad
- (iv) The Director General, Livestock (Ext/Research), Sindh, Hyderabad
- (v) The Director General, Fisheries, Sindh, Karachi
- (vi) The Director, (A&F) Sindh Public Procurement Regulatory Authority, Government of Sindh, Karachi
- (vii) The Directors in Sindh (All)
- (viii) The Deputy Director, Livestock/AH/Livestock Production/Poultry Production/Fisheries (All in Sindh)
- (ix) The District Accounts Officer, Concerned
- (x) The PS to Secretary, Livestock & Fisheries Deptt: Govt of Sindh Karachi

  
(MUHAMMAD ANWAR MALIK)  
SECTION OFFICER (GENERAL)





GOVERNMENT OF SINDH  
LIVESTOCK & FISHERIES DEPARTMENT  
VETERINARY RESEARCH & DIAGNOSIS  
Central Veterinary Diagnostic Laboratory,  
TANDO JAM, (SINDH) ☎ (+) 022/2765279



## COMPARATIVE STATEMENT

OF  
PROCUREMENT OF  
LABORATORY AND MACHINERY EQUIPMENT  
DURING THE FINANCIAL YEAR 2014-2015

DIRECTORATE OF VETERINARY RESEARCH & DIAGNOSIS,  
CVDL SINDH, TANDO JAM.

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COMPARATIVE STATEMENT FOR PURCHASE OF "LABORATORY MACHINERY AND EQUIPMENT" OF THE DIRECTORATE OF VETERINARY RESEARCH & DIAGNOSIS CVDL TANDO JAM DURING THE FINANCIAL YEAR 2014-2015.



Nine (09) firms purchased tender documents and participated in the tender:

1. M/S A.J. Enterprises, Karachi
2. M/S Jawed Trading Corporation, Karachi
3. M/S Talha Enterprises, Karachi
4. M/S Burraq Business Corporation, Hyderabad
5. M/S Scientific Technical Corporation (Pvt.) Lahore
6. M/S Habib & Sons, Hyderabad
7. M/S Shameel Enterprises, Hyderabad
8. M/S Scientec Karachi
9. M/S Al-Sharique Trading Company, Hyderabad.

Those firms quoted rate and specification for the item are mentioned against each.

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1 Air conditioner Split 1.5 ton along with accessories & installation. National, General, LG or equivalent with higher specification.

Firm Sr.#	Name of firm.	Rate with specification.	Remarks.
1	M/S A.J. Enterprises, Karachi	Rs.90,000/- each, Haier, Capacity: 1.5 ton, 20% power saving with high energy efficient compressor, Powerful cooling, works up to 52°C, Auto Restart after power Restored, Child lock, Concealed LED display, Easy clean (Indoor), Intelligent Air flow, 24hours timer, Evaporator self-cleaning, auto Mode, Installation kit 100feet. Warranty:01-year.	Qualified.
2	M/S Jawed Trading Corporation, Karachi	Rs.91,000/- each, Haier 1.5 ton, Powerful cooling, works up to 520C, Concealed LED Display, Fixed frequency, cooling capacity: 4800BTU, 2.51EER, 41900COP, Wall Mount and pure copper refrigerant pipe.	Qualified.
3	M/S Burraq Business Corporation, Hyderabad	Rs.113,625/- Gree, Product Code GS-18CZ85, GS-18CZ8W, BTU Capacity 18,000	Qualified.
4	M/S Habib & Sons, Hyderabad	Rs.99,000/- Kenwood, Crystal Model KEC-125 (12,000 BTU) and 185 (18,000 BTU)	Qualified.
5	M/S Shameel Enterprises, Hyderabad	Rs.88,500/- Haier, 1.5ton.	Qualified.
2	M/S Shameel Enterprises, Hyderabad	Rs.91,200/- each National, 1.5ton.	Qualified.

2 Refrigerator 10cu.ft Two doors, top freezer energy saving Model, Dawlance, Weaves or equivalent with higher specification.

Firm Sr.#	Name of firm.	Rate with specification.	Remarks.
1	M/S A.J. Enterprises, Karachi	Rs.71,500/- each, Haier, Capacity cubic feet:10.5, Refrigerant:R134a, Door Hinge: Right, Model:2014, Frost: yes, Voltage:187V-252V, Temperature of Freezer: <-18°C, Fast cooling: Yes, Eco friendly,, Wide Body design, super fast cooling, big condenser, Oil cooling compressor, Warranty: 01 year.	Qualified.
2	M/S Jawed Trading Corporation, Karachi	Rs.72,000/- each, Dawlance/ Haier, 10 cubic feet, two doors, top freezer, energy saving model, Retains cooling, shelf strength, work effectively even at 50°C, 5pipe oil compressor, cooper condenser.	Qualified.
3	M/S Burraq Business Corporation, Hyderabad	Rs.77,625/- Dawlance, Model 9144 Capacity (L/cu.ft) 225/8 dimensions (WxHxD) 490x1385x555mm	Qualified.
4	M/S Habib & Sons, Hyderabad	Rs.58,900/- Dawlance/ Waves.	Qualified.
5	M/S Shameel Enterprises, Hyderabad	Rs.59,280/- each Weaves, 18cu.ft.	Qualified.



3	Autoclave 50 liter top loading. Autoclave, 45-50 liters capacity, top loading, Temp range 5-132°C, Accuracy + 0.5°C @ 121°C, digital display, timer Heater 2KW, pressure 1.2kg/cm stainless steel, electronic door lock sensing, safety devices for temp, pressure, 02 wire basket U.K/ Germany or imported equivalent.
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Firm Sr #	Name of firm.	Rate with specification.	Remarks.
1	M/S A.J. Enterprises, Karachi	Rs.725,000/- each, Zealway, Capacity: 50liter. Outer dimension: 460x542x1070mm. Rated power supply: 220V 50Hz/60Hz. Rated power 2600, Microcomputer control system. LED screen shows the dynamic sterilization process. Top loading. Sterilization time:1-300min Warranty: 01 year.	Qualified.
2	M/S Jawed Trading Corporation, Karachi	Rs.750,000/- each, SA300VL Sturdy Taiwan, Chamber size: Stainless steel # 304, 300mm Φx700mm(D), Chamber capacity: App 50 liter. Overall: 600mmx(W) 1000mm(H)x 450(450(D), Power consumption: 220V-240V/ 1.9KW (Max) 8.5A, Using pressure and temperature: Unwrapped/ Wrapped/ liquids: 105-136°C/ 0.5-2.3KG/CM2, Design temperature: 140°C, Safety Device: Over heat (low water) cut-off switch safety valve and release valve.	Qualified.
3	M/S Talha Enterprises, Karachi	Rs.651,475/- each Model BKO-B50II, Capacity 50L. Chamber size φ350*520mm Chamber material SUS304 medical stainless steel. Rated working pressure 0.175MPa, Timing range : 0-999min. Temp range 50°C ~ 126°C. Consumption 4.8KW. Power supply 110/220V±10%, 50/60Hz. Standard accessories: Stainless steel basket*2pcs. External size(mm) 500*620*1200, Packing size (mm) 560*620*1400, Made in China.	Not Qualified, China not equivalent as desired.
4	M/S Scientific Technical Corporation (Pvt) Lahore	Rs.867,000/- each, Digital Fuzzy-Controlled Autoclave with Electronic Door Lock System Model: MaXterile-60 DAIHAN SCIENTIFIC, NORTH AMERICA INC., USA. Country of Origin: USA. <u>Technical Specification:</u> - Capacity: 60Lit. Standard Type. Temp. Range: Ambient: +50C to 1320C, Temp. Accuracy: + 0.50C at 1210C, Pressure: 1.2Kg/cm2 at 1210C, 2.0Kg/cm2 at 1320C, Gauge:0-3Kg/cm2. Sterilization mode: Solid or liquid mode. Heater Power / Consumption: 3KW. Timer and Alarm: 60 min, Error status and timer end Controller. Digital Fuzzy-Control System (Fully Automatic). Door & Closing System: Lever-type Sliding Door / Safety Electronic Door Closing System. <b>Safety Circuit:</b> Over Temp./ Pressure/ Current Protection, sensor error detection. Printer: Thermal type printer, Record Paper Roll: w58 x Ø 40 mm Material: Stainless Steel (# 304)-Pressure Vessel Material External: Powder Coated Steel external Basket: 2ea of stainless steel wire baskets are Included Basket Dimension: Φ320×h240 Dimension (mm) (w x d x h) Inner (mm): Φ350×h650 Power Supply: 220 volt, 50 / 60 Hz	Qualified.

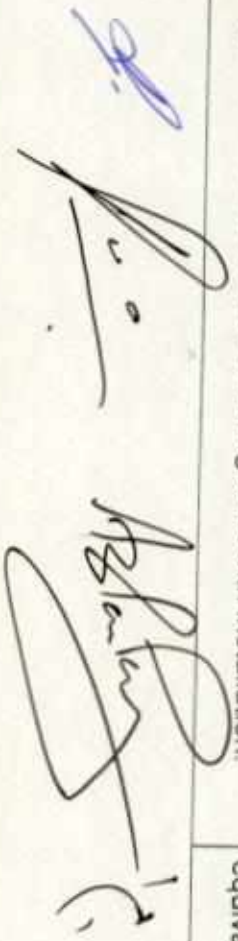
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Firm Sr. #	Name of firm.	Rate with specification.	Remarks.
5	M/S ScientTec Karachi	Rs. 1,495,000/- each Model 3850ELV 60liters. or Model 3840ELV 52 liters, Tuttnaur, Netherland.	Qualified.
		Rs. 895,000/- each, Model: WAC-60, Make: Daihan Scientific, Korea.	
6	M/S Al-Sharique Trading Company, Hyderabad	Rs. 997,500/- each, Model:ST-50G, Chamber Volume (L/cu.ft) 50/1.8 Cat # AAHL 1015K, Jeiotech Korea, 50 liters, 230VAC, 50/60Hz.	Qualified.

4 Generator 7KV Petrol and gas kit, Installation, Operation and change over (Japan or equivalent).

Firm Sr. #	Name of firm.	Rate with specification.	Remarks.
1	M/S A.J. Enterprises, Karachi	Rs.795,000/- each, ELEMEX 11000D Model:SH-11000. Rated Output: 8.5KVA. Max output: 10KVA. Tank Capacity:38liters. Engine: Honda GX-630. Noise level:74dB. Dry weight:165kg. Gas kit: Installed. Battery: yes. Warranty: 01year.	Qualified higher specification quoted as desired.
2	M/S Jawed Trading Corporation, Karachi	Rs.850,000/- each, 8KVA ELEMEX petrol, Capacity: 8KVA, Type:2- pole, Field Rotating type, voltage Regulation system: AVR, Phase: Single, Engine Maker: Honda, Model GX630, Gas Kit and Battery included.	Qualified higher specification quoted as desired.
3	M/S Burraq Business Corporation, Hyderabad	Rs.155,250/- each Homage Model HGR-6,00KV-D, Out-put: Maximum 6KW. Electric starting system, Digital meter, Double muffler, Wheels & handles, Load acid battery, Engine oil, Gas kit, Fuel tank capacity 25L, Consumption 3.1 L/hr.	Not Qualified China not equivalent as desired.
4	M/S Shameel Enterprises, Hyderabad	Rs.171,000/- each, Lifan Model 6FG4	Not Qualified China not equivalent as desired.
		Rs.205,200/- each Model RT-9500EV.	
		Rs.228,300/- each Model SC9000-II.	
5	M/S Al-Sharique Trading Company, Hyderabad	Rs.239,400/- each, Model Sc1000-II Rs.235,000/- each, Capacity:7KVA, local according to Japan technology Manufacturer: Rato, Petrol & gas kit with installation.	Not Qualified, not equivalent.





5	<p>Photo State Machine. Speed at least 22 &amp; 35 CPM. Digital Soter(s). Laser printing built-in, Paper supply at least 2 trays @ 500 sheets (by pass tray)., Copy memory Min. 256MB/32MB page Memory., Resolution Min.600x600dpi., Paper Tray size at least A-6 A-3 other., Zoom Min. 25%-400%., ADF (Automatic Documents Feeder)., Scanning (Black &amp; White)., Photocopier Machine Trolley., Service Agreement (03) years. Warranty/ Guaranty of at least one year with replacement of defective parts Panasonic, Canon, Kyocera.</p>
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Firm Sr. #	Name of firm.	Rate with specification.	Remarks
1	M/S A.J. Enterprises, Karachi	<p>Rs.684,000/- each, Canon iR2535, Device: image RUNNER 2535. Type: Desktop (Reader Combined+ Inner Output). Imaging System: Laser dry electrostatic Transfer system; Memory: Standard: 256MB. Madimum:512MB. Network Interface: Ethernet (100base-TX/10base-T), USB 2.0. Warm up time 30 seconds maximum after powering ON, 1 second maximum from the sleep mode. First copy output time 3.9 seconds or less. Multiple copies 1 to 999 sheets. Magnification: 25% to 400% (1% increment) . Maximum Original size: Max.A3/ 11" x 17". Duplex: Standard. Copy/ Print speed:35ppm. Resolution: Reading: 600x600dpi, Writing: 1200x1200dpi. Paper sources (gsm): Paper cassette: standard: 2x550 sheet paper capacity. Maximum: 4x550 sheet paper capacity. Stack bypass, standard: 100sheets paper capacity. Acceptable paper weights: Paper Cassette: 64 to 128gsm. Main unit dimensions (WxDxH) 565x680x806mm (with the platen cover) 565x693x907mm (with the feeder). Weight: Approx.69.5kg. Power source: 220-240V AC, 50/60Hz. Maximum Power Consumption: Approx. 1.827KW. Toner yield (6% coverage) Approx. 19,400 sheets (A4), Drum yield: Approx. 140,000 sheet (A4). Print specification: PDL. Standard: UFR II LT. Optional: PCL 5e/6,PS3. Network OS: Windows 2000/ XP/ Server 2003/ Vista/ Server 2008/ Win7, Mac OSX (10.4.9 or later Network scan gear specification: Supported OS Windows 2000/ XP/ Server 2003/ Vista/ Server 2008/ Win7, Resolution: BW: up to 600x600dpi, CL: Up to 300 x 300dpi. Warranty: 01-year.</p>	Qualified.
2	M/S Jawed Trading Corporation, Karachi	<p>Rs.298,000/- each Canon 2002N. Type: B/ W Laser Multifunctional (Reader/ Printer Console). Maximum Original Size:A3. Fixing System: on-demand Fusing. Copy speed: A4:20ppm, A3:10ppm, First copy time 7.9secs. Warm-up time: From Power on 13 secs. From sleep Mode 2.9 secs (The time it takes from recovery sleep to the start key is enabled). Print Description language: UFR II Lite. OS compatibility: Window 8,1/8/7/Vista/ XP/2000, windows server 2012/ server 2008/ server 2003, Mac OS X 10.5.8 or later. Resolution: Scan:300x 300dpi, Copy 600x600dpi, Print 600x600dpi, Pull scan (MF Toolbox/ Scan gear) B/ W &amp; color, Push Scan (MF Toolbox): B/ W &amp; color, Scan Features: Twain, WIA compatible, Supported file format (scan) PDF/ Searchable PDF/ compact PDF, BMP, JPEG, TIFF. Processor speed: 400MHZ. Memory capacity: 128MB.</p>	Not Qualified warranty and service mentioned as desired.


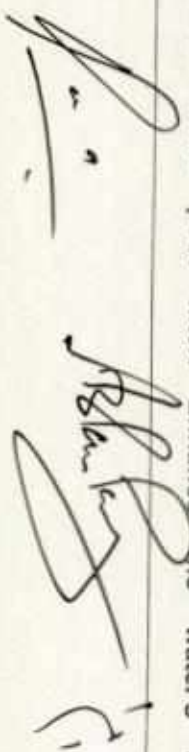
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Firm Sr.# 3	Name of firm. M/S Habib & Sons, Hyderabad	Rate with specification. Rs.540,500/- each, Kyocera (KM-3035) 35CPM, Specification: Technology: Laser, Mono/single component. Type: Desktop (Stationary platen). Resolution: 600x600dpi 256 grey scales (scan/copy). Time to rist copy: 3.9 seconds or less. Warm up time: 15 seconds or less. Copy speed: 35 copies per minute. Memory capacity: 64MB standard. Electronic sorter: Built-in. Duplex Unit: Built-in. Continuous copy 1-999copies. Original/ copy size: Max. A3. Zoom Range: 25%-400% in 1 step. Pre-set magnification ratios: 21 Reduction, 9 Enlargement. Paper Feeding: Standard: 2 x 500 sheets universal paper cassette + 200 sheets multi-purpose/ bypass tray. Paper capacity: 1,200 sheets standard, Max, 4,200 sheets. Exposure mode: Auto, Manual: 7 or 13 steps. Image Adjustment: Text + Photo, Text, Photo. Model KM-3035, Drum life and free replacement of parts 400,000 pages copies or 12-months. Warranty/ Guaranty and service 3-years.	Remarks. Qualified.
4	M/S Shameel Enterprises, Hyderabad	Rs.285,000/- each Kyocera (Tas. Kaita) 1800 Alternate: Rs.399,000/- each Kyocera (Taskalfa)2200.	<ul style="list-style-type: none"> <li>No technical literature provided.</li> <li>Warranty and service mentioned as desired.</li> </ul>

6 4 stage Reverse Osmosis System. 100gallon/day, Sediment filter-5micron, Carbon block filter-5micron, RO membrane semi permeable 1/10,000micron, Final filter high quality GAC filter, storage tank, Chrome faucet, installation kit, heavy duty bracket, TDS Monitor, filter change indicator installation and operation manual, 2 years warranty. Tested and certified by NSF international against NSF/ANSI standard 58, on site installation & additional set of filters. WATTS/ Axoin/ AMI, USA, Canada or exact equivalent.

Firm Sr.# 1	Name of firm. M/S A.J. Enterprises, Karachi	Rate with specification. Rs.177,000/- each, 100gallon/day. Reverse osmosis filtration system. 3-gallon storage tank. Chrome airgap faucet. 4 stage of filtration. Adapt-A-Valve water shut off valve. Certified by NSF International, NSF/ANSI standard 58. Filter stage-1. 5 Micron Sediment filter Reduces Dirt, sand and Rust. Filter stage-2 5 micron carbon block filter. reduces chlorine, objectionable tastes and odor. Filter stage-3 24GPD (gallons per day) Membrane. High production thin film composite membrane. Filter stage-4 Carbon inline post filter. Enhance the water's taste. Warranty:02years.	Remarks. Qualified.
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Firm Sr.#	Name of firm.	Rate with specification.	Remarks.
2	M/S Jawed Trading Corporation, Karachi	Rs.184,000/- each, 75filters per day, Ultra filtration system, Reverse Osmosis system, softening system, De-Ionization system, Ion removal system, De-Chlorination System.	Qualified.
3	M/S Scientific Technical Corporation (Pvt.) Lahore	<p>Rs:12,51,000/- Each</p> <p>Automatic RO 20 l/h Code: NRO20DA 100 gallon/day Included 500 Liters Open Tank, Wassertab, Spain, Country of Origin: Spain Input: Tap water Feed Water Requirements: Conductivity &lt; 1000µS/cm, Free Chlorine &lt; 2ppm, Turbidity &lt; 1 NTU, Hardness &lt; 30°F. Output: Osmotic water. Production: 20ltr./h. Purification process control: By microprocessor Installation requirements: 220-230 VAC + water supply (≤ 3 m. distance / ≥ 2 bar pressure) Guarantee: 12 months from installation, and up to 14 months from delivery. Automatic RO 20 l/h. The Automatic model produces 20litresh of Osmotic Water directly from tap water. Water purification is reached following a sequential step of treatment: 1.-Pretreatment The pretreatment include filters of sediment (5mic) and active carbon to remove: - Particles higher than 1 micron. - 99.9% of Hypochlorite. - Organic material present in feed water is reduced to minimum. 2.-Reverse Osmosis A reverse osmosis membrane (ROM) of high performance eliminates more than 99.9% of Organic Material higher than 150 Dalton, and rejects 94 – 98% of Total Dissolved Solids (TDS). Water recovery: 20 % 3.- Final Filter High quality GAC FILTER 4.- Osmotized water reservoir. Water produced after reverse osmosis is stored in a 500 Liters Open Tank. Include chrome faucet and level float. Dimensions 780 x 1200 mm (Diameter x Height) Automation y Motorization The equipment Automatic works automatically. The Automatic microprocessor controls constantly all relevant purification process parameters: • Water pressure on RO module. • Water conductivity (compensation 25°C):- Feed Water conductivity (± 1µS/cm) Permeated water conductivity(± 1µS/cm) • % rejection rate efficiency at RO module (± 0.1%). • Water temperature ( ± 0,1 °C), • Equipment status (Production/ Full Reservoir/ Dispensing). • Realistic instrument working time in hours. Software allows users to personalize the critical water conductivity value. Unit should advice by visual and acoustic warning the deionizer cartridge exchange in order to keep safely within limits. Self Test and Preventive maintenance Automatic's software is programmed to run a regular self-test keeping the unit under constant and effective control on all components and limit values. The users are allowed to program under their own criteria critical values for main quality water parameters.- Minimal conversion rate in RO module. The microprocessor shall advice by acoustic and visual (written message on alphanumeric screen) preventive alarms asking for maintenance needed to keep water quality as needed. Some of the written messages sent by microprocessor are: - Temperature out of allowed limits.- Pre-treatment cartridge life time exhausted. - Conversion rate in RO module under user allowed limits. The microprocessor shall also detect any miss function at conductivity or temperature sensor signal, and will therefore advice user by a written message on screen.</p> <p><b>Additional Consumables if required: -</b></p> <p>A) Pack pretreatment Cartridges Cat. No.PCK011 Rs.68,000/- each.</p> <p>B). Pack Osmosis Cartridges 2-3 years Cat No.PCK032 Rs.112,000/- each.</p>	Qualified.




7 Deep freezer 15cuft/425liter single door, white warranty 1 year parts, 3 years compressor with stabilizer. Dawlance, Waves, PEL or equivalent. with higher specification

Firm Sr.#	Name of firm.	Rate with specification.	Remarks.
1	M/S A.J. Enterprises, Karachi	Rs.68,500/- each, Waves, Single door, Size 15cu.ft. Warranty: 01-year parts, 3 year compressor.	Qualified.
2	M/S Jawed Training Corporation, Karachi	Rs.69,000/- each, Waves single door, size 15cft, voltage 220V 50Hzs, Refrigerant 134a CFC Free, capacity 503 liters Approx, Model Type Aluminum Model net weight 90Kg Approx, Dimensions (HxWxD) 1600x 610x876mm.	Qualified.
3	M/S Burraq Business Corporation, Hyderabad	Rs.86,625/- Waves. Model WCC-2150, Imported compressor, 1-year part, 3-year compressor warrantee, Energy saver, LVS low voltage starter, Difference colour white, Beidge, Capacity 15 cu.ft. Rs.85,500/- Kenwood, Upright Freezer, Model KDF-222V, Size:8cft, Upright freezer with 6 compartments, Outside condenser, High temperature warning light, Adjustable front feet, Knock-down door gasket, Energy saving.	Qualified.
4	M/S Habib & Sons, Hyderabad	Rs. 78,500/- each, Waves 15cuft.	Qualified.
5	M/S Shameel Enterprises, Hyderabad	Rs.88,920/- each, Dawlance 15.cu.ft. Rs.88,464/- each Waves, 15.cu.ft. Rs.85,500/- each Haier, 15.cu.ft.	Qualified.

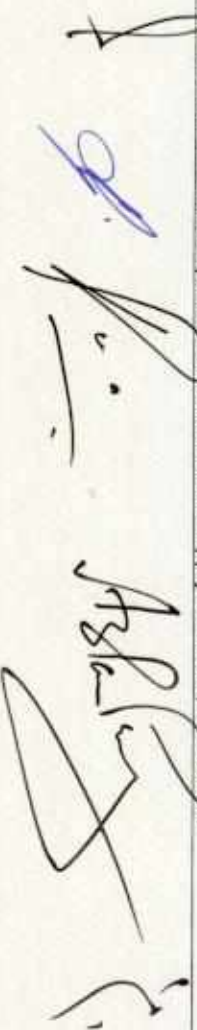
8 Deep Freezer 17-cu.ft. /500liters double door, colour white warranty: 1-year parts, 3-year compressor Dawlance, Waves, PEL or equivalent. with higher specification

Firm Sr.#	Name of firm.	Rate with specification.	Remarks.
1	M/S A.J. Enterprises, Karachi	Rs.89,500/- each, Waves double door, size:18cft, Warranty: 1-year parts, 3 year compressor.	Qualified.
2	M/S Jawed Training Corporation, Karachi	Rs.89,990/- each, Waves double door, size:18cft voltage:220 50Hzs, Refrigerant: 134a CFC free, capacity: 478 liters Approx, net weight:90kg approx, dimension: (HxWxD) 1600x610x876mm.	Qualified.
3	M/S Burraq Business Corporation, Hyderabad	Rs. 100,125/- Waves. Model WT-2180 Triplet, Imported compressor, 1-year part, 3-year compressor warrantee, Energy saver, LVS-Low voltage starter, Different colours, 18cu.ft capacity.	Qualified.
4	M/S Habib & Sons, Hyderabad	Rs.85,300/- each, Waves 18cuft.	Qualified.
5	M/S Shameel Enterprises, Hyderabad	Rs.85,272/- Dawlance 17cu.ft.	Qualified.



9 Incubator. Incubator, 50 liters capacity 2-3 shelves adjustable Temp. Range +5 to 70°C, Digital display & control imported for Lab. purpose two door Memmert/ Cole Parmer/ Heareus or imported equivalent.

Firm Sr.#	Name of firm.	Rate with specification.	Remarks.
1	M/S A.J. Enterprises, Karachi	Rs.180,000/- each, Care vision, Chamber volume: 50 liter. Digital Micro processor controller with timing function. with inner glass door for easy observation. Two doors. High precision microprocessor temperature controller make temperature control precise and reliable. Automatically stop when the temperature is beyond limit to ensure safety of power consumption: 850W. Shelves: 2pieces. Warranty: 1-year.	Not Qualified as desired. ♦ Model # not mentioned. ♦ Literature not attached
2	M/S Jawed Training Corporation, Karachi	Rs. 190,000/- each, Incubator dig system DSI 500D Taiwan. Simple keypad input allows easy temperature setting, LED digital display enables users to monitor the chamber temperature at any given time, Visual alarm indicator alerts users of abnormal conditions if the chamber temperature exceeds the setting point by 10°C. The temperature can be controlled and maintained to 70°C. Double doors allow samples viewing from the inner door. Model: DSI 500D, Working Temperature: Ambient +5°C - 70°C. Capacity (Liters):50, Chamber size (mm) (WxDxH) 380x365x390, Power Watts:500, Size (mm) (WxDxH) 480x475x695	Not Qualified because not equivalent as desired.
3	M/S Talha Enterprises, Karachi	Rs. 199,000/- each, Model BJPX-H50. Capacity 50L. Temperature control RT+5-65C Temperature fluctuation +0.5 C Time range 1-9999mins. Consumption: 200W. Power supply: 110/220v+10%,50/60HZ, Internal size (cm):35*52*41. External size(cm):50*52*71 Shelves no. (pcs) 2. Gross weight (kg) 55. Made in China	Not Qualified as desired. ♦ China not equivalent as desired.
4	M/S Scientific Technical Corporation (Pvt) Lahore	Rs:2,60,000/- Each. Incubator Forced Convection Type, Digital Fuzzy Control System, Model: ThermoStable IF-50, DAIHAN SCIENTIFIC, NORTH AMERICA INC., USA Country of Origin: USA., Technical Specifications: Capacity: 50 Lit. Dimension (w x d x h) Interior (mm): 370 x 350 x 419 Heater Power: 200W, Temp. Range: Ambient Temperature +5°C to 70°C, Temp. Fluctuation: ± 0.2°C at 37°C, ± 0.3°C at 50°C Temp. Variation: ± 0.5°C at 37°C, ± 0.9°C at 50°C, Temp. Sensor: PT 100 Control Resolution: ±0.1°C Heat-up Time: 17 min. to 37°C, 28 min. to 50°C Recovery Time (Door open 30sec): 3 min. to 37°C, 4 min. to 50°C, Controller: Digital Fuzzy Control by Advanced Microprocessor Jog-Dial with Push Button, RS232 Port: Available to connect with PC Display: Digital LCD with Back Light Timer: 99hr 59 min (delay/continuous function) Material: Internal: Stainless steel (#304) External: Powder Coated steel Inner Door: Inner Tempered Glass Door Shelves: 2ea of PE-coated steel Wire Shelves included, Load per Shelf: 16 kg Ventilation: 1ea of Ventilation hole with Stainless steel Cap, Hole Diameter 40mm Circulation: Forced Air Type Safety device: Over Temp. and Over Current Protector, Sensor Error Detector Power Consumption: 246.3 W Power Supply: 220 volt, 50/60 Hz	Qualified.





Firm Sr.#	Name of firm.	Rate with specification.	Remarks.
5	M/S ScienTec Karachi	Rs.220,000/- each Forced Convection Laboratory Incubator, Microprocessor PID controlled Dual Display Digital Capacity 54 liters, Model:IFA-54, Make: ESCO Singapore.	Qualified.
6	M/S Al-Sharique Trading Company, Hyderabad	Rs.384,800/- each, Model:IB-05G, Operating Temp. Range (C/F) Amb. +5 to 70Amb. +9 to 15B, Chamber Volume (L/cu.ft) 60/2.1 Temperature fluctuation at 37°C. 0.1/0.1B Temperature Variation 0.6/1.08 Dimension (WxDxH) Interior (mm/inch) 400x360x420/ 15.7x14.2x16.5, Exterior (mm/inch) 595x555x745/ 23x22x29, Net weight (kg/lbs) 45/99 Electrical Requirements (220v.50/60Hz) 1.3A, Cat # AAH21162K Electrical requirement (120V, 50/60Hz) 2.8A Jeiotech Korea, 60 liters 230VAC, 50/60Hz.	Qualified.

10 Digital bench top timer, Time count down from 24 hour to 1 second in one second increments. For bench use, can display countdown, stop watch or time of Day. Alkaline Battery Fisher, Carl Roth or exact equivalent imported.

Firm Sr.#	Name of firm.	Rate with specification.	Remarks.
1	M/S ScienTec Karachi	Rs.65,000/- each, Cat # 91500-003ca, Make: Alla, France.	Qualified.

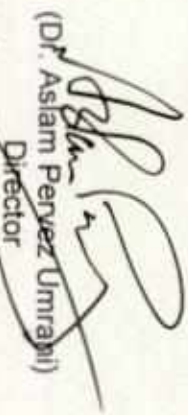
11 UV protective Goggles, Fisher, Roth or equivalent. UV protective eye wear light weight, Unilens Style adjustable temple length, duo flex confort cushion antifog, antiscratch/ anti UV coating, meet ANSIZ87.1-2010 and CAS Z94.3 eye ware requirement, Fisher, Roth, USA, UK Germany or exact equivalent imported.


No firm quoted the rate and technical specification.

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12	Digital Room Thermometer, Measuring temperature range:- 18-+72°C Clock, , Fisher, Roth or equivalent. Wall mounting Digital thermo hygrometer to monitor relative humidity and temperature in laboratories and offices. Digital thermometer selectable to 0C or 0F range: -18-+720C. Relative humidity range: 20-100%RH, 3 digit LED sensor, 1.5V AA battery. Oaktion, USA, UK or exact equivalent
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Firm Sr. #	Name of firm.	Rate with specification.	Remarks.
1	M/S ScienTec Karachi	Rs.19,500/- each Digital Room Thermometer, Cat: # 91000-27B, Make: Alla, France.	Qualified.

  
 (Dr. Aslam Pervez Umraji)  
 Director  
 Veterinary Research & Diagnosis  
 Central Veterinary Diagnostic Laboratory  
 Sindh, Tando Jam.

  
 (Muhammad Anwar Malik)  
 Section Office (G)  
 Livestock & Fisheries Department,  
 Government Of Sindh, Karachi

  
 Representative of  
 District Accounts Office Hyderabad

  
 Representative of  
 Finance Department, Gos,

  
 (Dr. Abdullah Mewati)  
 Director General  
 Livestock (Extension/Research)  
 Sindh, Hyderabad.





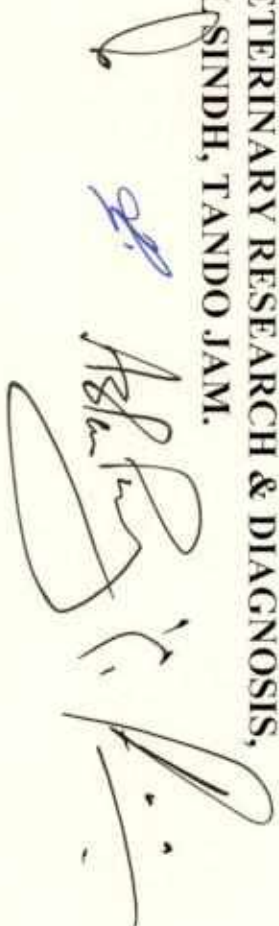
GOVERNMENT OF SINDH  
LIVESTOCK & FISHERIES DEPARTMENT  
VETERINARY RESEARCH & DIAGNOSIS  
Central Veterinary Diagnostic Laboratory,  
TANDO JAM, (SINDH) ☎ (+) 022/2765279



## EVALUATION/SCRUTINIZATION REPORT

FOR  
PROCUREMENT OF  
LABORATORY AND MACHINERY EQUIPMENT  
DURING THE FINANCIAL YEAR 2014-2015

DIRECTORATE OF VETERINARY RESEARCH & DIAGNOSIS,  
CVDL SINDH, TANDO JAM.

  
Aslam Raza



EVALUATION/SCRUTINIZATION REPORT FOR PROCUREMENT COMMITTEE TO BE HELD ON 04-05-2015 @ 11.00AM IN THE DIRECTORATE GENERAL, LIVESTOCK (EXTENSION/RESEARCH) SINDH, HYDERABAD TO EVALUATE AND SCRUTINIZE TENDER FOR PURCHASE OF "LABORATORY MACHINERY AND EQUIPMENT" OF THE DIRECTORATE OF VETERINARY RESEARCH & DIAGNOSIS CVDL TANDO JAM DURING THE FINANCIAL YEAR 2014-2015.



Nine (09) firms purchased tender documents and participated in the tender:

1. M/S A.J. Enterprises, Karachi
2. M/S Jawed Trading Corporation, Karachi
3. M/S Talha Enterprises, Karachi
4. M/S Burrag Business Corporation, Hyderabad
5. M/S Scientific Technical Corporation (Pvt.) Lahore
6. M/S Habib & Sons, Hyderabad
7. M/S Shameel Enterprises, Hyderabad
8. M/S ScienTec Karachi
9. M/S Al-Sharique Trading Company, Hyderabad.

The tenders were opened on 28-04-2015 by the Procurement Committee in its 1<sup>st</sup> meeting at the Directorate General, Livestock (Extension/Research) Sindh, Hyderabad.

Accordingly, the tenders were examined and short falls/formalities if any, like authenticated technical specification of items quoted, technical brochures and provision of additional accessories were checked thoroughly. The deficiencies observed for the tendered items have been shown for each company/firm.

Comparative statement has been prepared and is placed before the committee for approval of technical specification and rates in the favour of bidders.

The given below list of items as per comparative statement is recommended for approval:




1	Air conditioner Split 1.5 ton along with accessories & installation. National, General, LG or equivalent with higher specification.
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Five firms participated and quoted the specification, which is in agreement with the specification given in tender item. M/S Habib & Sons, Hyderabad offered the lowest rate.

Firm Sr. #	Name of firm.	Rate with specification.	Remarks.
1	M/S A. J. Enterprises, Karachi	Rs.90,000/- each, Haier, Capacity: 1.5 ton, 20% power saving with high energy efficient compressor, Powerful cooling, works up to 52°C, Auto Restart after power Restored, Child lock, Concealed LED display, Easy clean (Indoor), Intelligent Air flow, 24hours timer, Evaporator self-cleaning, auto Mode, Installation kit 100feet. Warranty:01-year.	Qualified.
2	M/S Jawed Trading Corporation, Karachi	Rs.91,000/- each, Haier 1.5 ton, Powerful cooling, works up to 520C, Concealed LED Display, Fixed frequency, cooling capacity: 4800BTU, 2.51EER, 41900COP, Wall Mount and pure copper refrigerant pipe.	Qualified.
3	M/S Burrag Business Corporation, Hyderabad	Rs. 113.625/- Gree, Product Code GS-18CZ85, GS-18CZ8W, BTU Capacity 18,000	Qualified.
4	M/S Habib & Sons, Hyderabad	Rs.99,000/- Kenwood, Crystal Model KEC-125 (12,000 BTU) and KEC-185 (18,000 BTU) <b>Rs.88,500/- Haier, 1.5ton.</b>	Qualified.
5	M/S Shameel Enterprises, Hyderabad	Rs.91,200/- each National, 1.5ton.	Qualified.

Procurement Committee may approve purchase from the 1<sup>st</sup> lowest bidder M/S Habib & Sons, Hyderabad @ the rate of Rs.88,500/- Haier, 1.5 ton.


2	Refrigerator 10cu.ft Two doors, top freezer energy saving Model, Dawlance, Weaves or equivalent with higher specification.
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Five firms participated and quoted the specification, which is in agreement with the specification given in tender item. M/S Habib & Sons, Hyderabad offered the lowest rate.

Firm Sr. #	Name of firm.	Rate with specification.	Remarks.
1	M/S A. J. Enterprises, Karachi	Rs. 71,500/- each Haier, Capacity cubic feet: 10.5, Refrigerant: R134a, Door Hinge: Right, Model: 2014, Frost: yes, Voltage: 187V-252V, Temperature of Freezer: $\leq -18^{\circ}\text{C}$ , Fast cooling: Yes, Eco friendly, Wide Body design, super fast cooling, big condenser, Oil cooling compressor, Warranty: 01 year.	Qualified.
2	M/S Jawed Trading Corporation, Karachi	Rs. 72,000/- each, Dawlance/ Haier. 10 cubic feet, two doors, top freezer, energy saving model, Retains cooling, shelf strength, work effectively even at $50^{\circ}\text{C}$ , Spire oil compressor, cooper condenser.	Qualified.
3	M/S Burraq Business Corporation, Hyderabad	Rs. 77,625/- Dawlance, Model 9144 Capacity (L/cu.ft) 225/8 dimensions (WxHxD) 490x1385x555mm	Qualified.
4	M/S Habib & Sons, Hyderabad	Rs. 58,900/- Dawlance/ Waves .	Qualified.
5	M/S Shameel Enterprises, Hyderabad	Rs. 59,280/- each Weaves, 18cu.ft.	Qualified.

Procurement Committee may approve purchase from the 1<sup>st</sup> lowest bidder M/S Habib & Sons, Hyderabad @ the rate of

Rs. 58,900/- Dawlance/Waves.

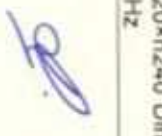
  
  
  




3	Autoclave 50 liter top loading. Autoclave, 45-50 liters capacity, top loading, Temp range 5-132°C, Accuracy $\pm 0.5^\circ\text{C}$ @ 121°C, digital display, timer Heater 2KW, pressure 1.2kg/cm stainless steel, electronic door lock sensing, safety devices for temp, pressure, 02 wire basket U.K/ Germany or imported equivalent.
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Six firms participated, M/S Talha Enterprises, Karachi quoted China not equivalent as desired. whereas the specification quoted by the five firms are in agreement with the specification given in tender item.

Firm Sr.#	Name of firm.	Rate with specification.	Remarks.
1	M/S A.J. Enterprises, Karachi	Rs.725,000/- each, Zealway, Capacity: 50liter. Outer dimension: 460x542x1070mm. Rated power supply: 220V 50Hz/60Hz. Rated power 2600, Microcomputer control system. LED screen shows the dynamic sterilization process. Top loading. Sterilization time:1-300min Warranty: 01 year.	Qualified.
2	M/S Jawed Trading Corporation, Karachi	Rs.750,000/- each, SA300VL Sturdy Taiwan, Chamber size: Stainless steel # 304, 300mm $\Phi$ x700mm(D), Chamber capacity: App 50 liter. Overall: 600mmx(W)x 1000mm(H)x 450/450(D), Power consumption: 220V-240V/ 1.9KW (Max) 8.5A. Using pressure and temperature: Unwrapped/ Wrapped/ liquids: 105-136°C/ 0.5-2.3KG/CM2, Design temperature: 140°C, Safety Device: Over heat (low water) cut-off switch safety valve and release valve.	Qualified.
3	M/S Talha Enterprises, Karachi	Rs.651,475/- each Model BKO-B501L, Capacity 50L. Chamber size $\Phi$ 350*520mm Chamber material SUS304 medical stainless steel. Rated working pressure 0.175MPa, Timing range : 0-999min, Temp range 50°C ~ 126°C, Consumption 4.8KW, Power supply 110/220V $\pm$ 10%, 50/60Hz. Standard accessories: Stainless steel basket*2pcs. External size(mm) 500*620*1200, Packing size (mm) 560*620*1400, Made in China.	Not Qualified, China equivalent as desired.
4	M/S Scientific Technical Corporation (Pvt) Lahore	Rs.867,000/- each, Digital Fuzzy-Controlled Autoclave with Electronic Door Lock System Model: MaxSterile-60 DAIHAN SCIENTIFIC, NORTH AMERICA INC., USA. Country of Origin: USA. <i>Technical Specification:</i> - Capacity: 60Lit. Standard Type. Temp. Range: Ambient: +50C to 1320C, Temp. Accuracy: + 0.50C at 1210C, Pressure: 1.2Kg/cm2 at 1210C, 2.0Kg/cm2 at 1320C, Gauge:0.3Kg/cm2. Sterilization mode: Solid or liquid mode. Heater Power / Consumption: 3kW. Timer and Alarm: 60 min, Error status and timer end Controller: Digital Fuzzy-Control System (Fully Automatic). Door & Closing System: Lever-type Sliding Door / Safety Electronic Door Closing System. Safety Circuit: Over Temp./- Pressure/- Current Protection, sensor error detection. Printer: Thermal type printer, Record Paper Roll: w58 x $\Phi$ 40 mm Material: Stainless Steel ( $\pm$ 304)-Pressure Vessel Material External: Powder Coated Steel external Basket: 2ea of stainless steel wire baskets are included Basket Dimension: $\Phi$ 320xh240 Dimension (mm) (w x d x h) Inner (mm): $\Phi$ 350xh650 Power Supply: 220 volt, 50 / 60 Hz	Qualified.


Firm Sr.#	Name of firm.	Rate with specification.	Remarks.
5	M/S Scientec Karachi	Rs. 1,495,000/- each Model 3850ELV 60liters. or Model 3840ELV 52 liters, Tuttnaur, Netherland.	Qualified.
6	M/S Al-Sharique Trading Company, Hyderabad	Rs. 895,000/- each, Model: WAC-60, Make: Daihan Scientific, Korea. Rs. 997,500/- each, Model: ST-50G, Chamber Volume (L/cu.ft) 50/1.8 Cat # AAHL 1015K, Jeiotech Korea, 50 liters, 230VAC, 50/60Hz,	Qualified.

Procurement Committee may approve purchase as per required specification from the lowest bidder M/S A.J. Enterprises, Karachi @ the Rs. 725,000/- each, Zealway, Capacity: 50liter. Outer dimension: 460x542x1070mm. Rated power supply: 220V 50Hz/60Hz. Rated power 2600, Microcomputer control system. LED screen shows the dynamic sterilization process. Top loading. Sterilization time: 1-300min Warranty: 01 year.

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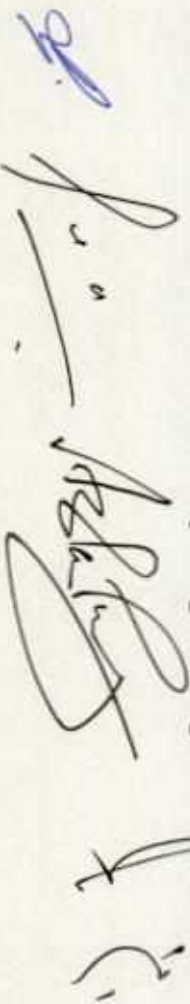


**4 Generator 7KV Petrol and gas kit, Installation, Operation and change over (Japan or equivalent).**

Five firms participated, M/S Burrqaq Business Corporation, Hyderabad, M/S Shameel Enterprises, Hyderabad and M/S Al-Sharique Trading Company, Hyderabad quoted China not equivalent as desired, whereas the specification quoted by the five firms are in agreement with the specification given in tender item.

Firm Sr.#	Name of firm.	Rate with specification.	Remarks.
1	M/S A.J. Enterprises, Karachi	Rs.795,000/- each, ELEMEX 11000D Model:SH-11000. Rated Output: 8.5KVA. Max output: 10KVA. Tank Capacity:38liters. Engine: Honda GX-630. Noise level:74dB. Dry weight:165kg. Gas kit: installed. Battery: yes. Warranty: 01year.	Qualified higher specification quoted as desired.
2	M/S Jawed Trading Corporation, Karachi	Rs.850,000/- each, 8KVA ELEMEX petrol, Capacity: 8KVA, Type:2-pole, Field Rotating type, voltage Regulation system: AVR, Phase: Single, Engine Maker: Honda, Model GX630, Gas Kit and Battery included.	Qualified higher specification quoted as desired.
3	M/S Burrqaq Business Corporation, Hyderabad	Rs.155,250/- each Homage Model HGR-6.00KV-D, Out-put Maximum 6KW, Electric starting system, Digital meter, Double muffler, Wheels & handles, Load acid battery, Engine oil, Gas kit, Fuel tank capacity 25L, Consumption 3.1 L/hr.	Not Qualified China not equivalent as desired.
4	M/S Shameel Enterprises, Hyderabad	Rs.171,000/- each, Lifan Model 6FG4	Not Qualified China not equivalent as desired.
		Rs.205,200/- each Model RT-9500EV	
		Rs.228,300/- each Model SC9000-II.	
		Rs.239,400/- each, Model Sc1000-II	
5	M/S Al-Sharique Trading Company, Hyderabad	Rs.235,000/- each, Capacity:7KVA, local according to Japan technology Manufacturer: Rato, Petrol & gas kit with installation.	Not Qualified, not equivalent.

Procurement Committee may approve purchase as per required specification from the lowest bidder M/S A.J. Enterprises, Karachi @ the Rs.795,000/- each, ELEMEX 11000D Model:SH-11000. Rated Output: 8.5KVA. Max output: 10KVA. Tank Capacity:38liters. Engine: Honda GX-630. Noise level:74dB. Dry weight:165kg. Gas kit: installed. Battery: yes. Warranty: 01year.





5	Photo State Machine. Speed at least 22 & 35 CPM. Digital Soter(s), Laser printing built-in, Paper supply at least 2 trays @ 500 sheets (by pass tray), Copy memory Min. 256MB/32MB page Memory., Resolution Min.600x600dpi., Paper Tray size at least A-6_A-3 other., Zoom Min. 25%-400%., ADF (Automatic Documents Feeder), Scanning (Black & White), Photocopier Machine Trolley., Service Agreement (03) years. Warranty/ Guaranty of at least one year with replacement of defective parts Panasonic, Canon, Kyocera.
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Four firms participated, M/S Jawed Trading Corporation, Karachi and M/S Shameel Enterprises, Hyderabad not equivalent as desired. whereas the specification quoted by the five firms are in agreement with the specification given in tender item.

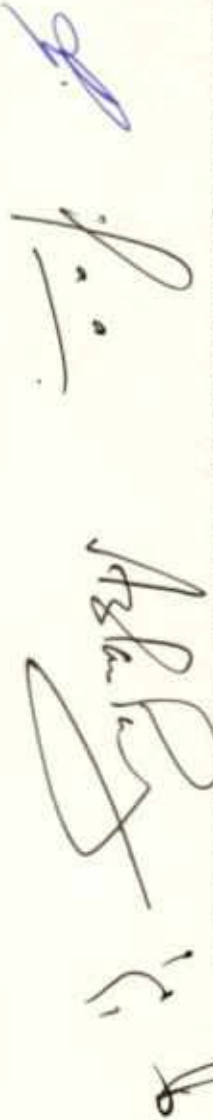
Firm Sr. #	Name of firm.	Rate with specification.	Remarks.
1	M/S A. J. Enterprises, Karachi	Rs.684,000/- each, Canon iR2535, Device: Image RUNNER 2535. Type: Desktop (Reader Combined+ Inner Output). Imaging System: Laser dry electrostatic Transfer system, Memory: Standard: 256MB. Madimum:512MB. Network Interface: Ethernet (100base-TX/10base-T), USB 2.0. Warm up time 30 seconds maximum after powering ON, 1 second maximum from the sleep mode. First copy output time 3.9 seconds or less. Multiple copies 1 to 999 sheets. Magnification: 25% to 400% (1% increment) . Maximum Original size: Max A3/ 11" x 17". Duplex: Standard. Copy/ Print speed:35ppm. Resolution: Reading: 600x600dpi, Writing: 1200x1200dpi. Paper sources (gsm): Paper cassette: standard: 2x550 sheet paper capacity. Maximum: 4x550 sheet paper capacity. Stack bypass: standard: 100sheets paper capacity. Acceptable paper weights: Paper Cassette: 64 to 128gsm. Main unit dimensions (WxDxH) 565x680x806mm (with the platen cover) 565x693x907mm (with the feeder). Weight: Approx:69.5kg. Power source: 220-240V AC, 50/60Hz. Maximum Power Consumption: Approx: 1.827KW. Toner yield (6% coverage) Approx: 19,400 sheets (A4). Drum yield: Approx: 140,000 sheet (A4). Print specification: PDL. Standard: UFR II L.T. Optional: PCL 5e/6,PS3. Network OS: Windows 2000/ XP/ Server 2003/ Vista/ Server 2008/ Win7, Mac OS X (10.4.9 or later Network scan gear specification: Supported OS Windows 2000/ XP/ Server 2003/ Vista/ Server 2008/ Win7, Resolution: BW: up to 600x600dpi, CL: Up to 300 x 300dpi. Warranty: 01-year.	Qualified.
2	M/S Jawed Trading Corporation, Karachi	Rs.298,000/- each Canon 2002N. Type: B/ W Laser Multifunctional (Reader/ Printer Console). Maximum Original Size:A3. Fixing System: on-demand Fusing. Copy speed: A4:20ppm, A3:10ppm, First copy time 7.9secs. Warm-up time: From Power on 13 secs. From sleep Mode 2.9 secs (The time it takes from recovery sleep to the start key is enabled). Print Description language: UFR II Life. OS compatibility: Window 8.1/8.7/Vista/ XP/2000, windows server 2012/ server 2008/ server 2003, Mac OS X 10.5.8 or later. Resolution: Scan:300x 300dpi, Copy 600x600dpi, Print 600x600dpi, Pull scan (MF Toolbox/ Scan gear) B/ W & color, Push Scan (MF Toolbox): B/ W & color, Scan Features: Twain, WIA compatible, Supported file format (scan) PDF/ Searchable PDF/ compact PDF. BMP, JPEG, TIFF. Processor speed: 400MHZ. Memory capacity: 128MB.	Not Qualified warranty and service mentioned as desired.

*[Handwritten signature]*



Firm Sr.#	Name of firm.	Rate with specification.	Remarks.
3	M/S Habib & Sons, Hyderabad	<p>Rs. 540,500/- each, Kyocera (KM-3035) 35CPM, Specification: Technology: Laser, Mono/single component. Type: Desktop (Stationary platen). Resolution: 600x600dpi 256 grey scales (scan/copy). Time to rist copy: 3.9 seconds or less. Warm up time: 15 seconds or less. Copy speed: 35 copies per minute. Memory capacity: 64MB standard. Electronic sorter: Built-in. Duplex Unit: Built-in. Continuous copy 1-999copies. Original/ copy size: Max. A3. Zoom Range: 25%-400% in 1 step. Pre-set magnification ratios: 21 Reduction, 9 Enlargement. Paper Feeding: Standard: 2 x 500 sheets universal paper cassette + 200 sheets multi-purpose/ bypass tray. Paper capacity: 1,200 sheets standard, Max, 4,200 sheets. Exposure mode: Auto, Manual: 7 or 13 steps. Image Adjustment: Text + Photo, Text, Photo. Model KM-3035, Drum life and free replacement of parts 400,000 pages copies or 12-months. Warranty/ Guaranty and service 3-years.</p>	Qualified.
4	M/S Shameel Enterprises, Hyderabad	<p>Rs.285,000/- each Kyocera (Tas. Kalfa) 1800 Alternate: Rs.399,000/- each Kyocera (Taskalfa)2200.</p>	<ul style="list-style-type: none"> <li>No technical literature provided.</li> <li>Warranty and service not mentioned as desired.</li> </ul>





Procurement Committee may approve purchase as per required specification from the lowest bidder M/S Habib & Sons, Hyderabad @ the Rs.540,500/- each, Kyocera (KM-3035) 35CPM, as per above specification.



6	4 stage Reverse Osmosis System. 100gallon/day, Sediment filter-5micron, Carbon block filter-5micron, RO membrane semi permeable 1/10,000micron, Final filter high quality GAC filter, storage tank, Chrome faucet, installation kit, heavy duty bracket, TDS Monitor, filter change indicator installation and operation manual, 2 years warranty. Tested and certified by NSF International against NSF/ANSI standard 58, on site installation & additional set of filters. WATTS/ Axoin/ AMI, USA, Canada or exact equivalent.
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Three firms participated and quoted the specification, which is in agreement with the specification given in tender item. M/S A.J. Enterprises, Karachi offered the lowest rate.

Firm Sr. #	Name of firm.	Rate with specification.	Remarks.
1	M/S A.J. Enterprises, Karachi	Rs. 177,000/- each, 100gallon/day. Reverse osmosis filtration system. 3-gallon storage tank. Chrome airgap faucet. 4 stage of filtration. Adapt-A-Valve water shut off valve. Certified by NSF International, NSF/ANSI standard 58. Filter stage-1. 5 Micron Sediment filter Reduces Dirt, sand and Rust. Filter stage-2 5 micron carbon block filter. reduces chlorine, objectionable tastes and odor. Filter stage-3 24GPD (gallons per day) Membrane. High production thin film composite membrane. Filter stage-4 Carbon inline post filter. Enhance the water's taste. Warranty:02years.	Qualified.
2	M/S Jawed Trading Corporation, Karachi	Rs. 184,000/- each, 75filters per day, Ultra filtration system, Reverse Osmosis system, softening system. De-Ionization system, Ion removal system, De-Chlorination System.	Qualified.



Firm Sr #	Name of firm.	Remarks.	
3	M/S Scientific Technical Corporation (Pvt.) Lahore	<p><b>Rate with specification.</b>  Rs: 12,51,000/- Each</p> <p>Automatic RO 20 l/h Code: NRO20DA 100 gallon/day Included 500 Liters Open Tank, Wasserlab, Spain, Country of Origin: Spain Input: Tap water Feed Water Requirement: Conductivity &lt; 1000µS/cm, Free Chlorine &lt; 2ppm, Turbidity &lt; 1 NTU, Hardness &lt; 30°F. Output: Osmotic water, Production: 20ltr /h, Purification process control: By microprocessor Installation requirements: 220-230 VAC + water supply (5 3 m. distance / ± 2 bar pressure) Guarantee: 12 months from installation, and up to 14 months from delivery. Automatic RO 20 l/h. The Automatic model produces 20litresh of Osmotic Water directly from tap water. Water purification is reached following a sequential step of treatment: 1.-Pretreatment include filters of sediment (5mic) and active carbon to remove: - Particles higher than 1 micron, - 99.9% of Hypochlorite, - Organic material present in feed water is reduced to minimum. 2.-Reverse Osmosis A reverse osmosis membrane (ROM) of high performance eliminates more than 99.9% of Organic Material higher than 150 Dalton, and rejects 94 - 98% of Total Dissolved Solids (TDS), Water recovery: 20 % 3.- Final Filter High quality GAC FILTER 4.- Osmotized water reservoir. Water produced after reverse osmosis is stored in a 500 Liters Open Tank. Include chrome faucet and level float. Dimensions 780 x 1200 mm (Diameter x Height) Automation y Motorization The equipment Automatic works automatically. The Automatic microprocessor controls constantly all relevant purification process parameters: • Water pressure on RO module. • Water conductivity (compensation 25°C): - Feed Water conductivity (± 1µS/cm) Permeated water conductivity(± 1µS/cm) • % rejection rate efficiency at RO module (± 0.1%) • Water temperature ( ± 0,1 °C). • Equipment status (Production/ Full Reservoir/ Dispensing). • Realistic instrument working time in hours. Software allows users to personalize the critical water conductivity value. Unit should advice by visual and acoustic warning the deionizer cartridge exchange in order to keep safety within limits. Self Test and Preventive maintenance Automatic's software is programmed to run a regular self-test keeping the unit under constant and effective control on all components and limit values. The users are allowed to program under their own criteria critical values for main quality water parameters:- Minimal conversion rate in RO module. The microprocessor shall advice by acoustic and visual (written message on alphanumeric screen) preventive alarms asking for maintenance needed to keep water quality as needed. Some of the written messages sent by microprocessor are: - Temperature out of allowed limits.- Pre-treatment cartridge life time exhausted. - Conversion rate in RO module under user allowed limits. The microprocessor shall also detect any miss function at conductivity or temperature sensor signal, and will therefore advice user by a written message on screen.</p> <p><b>Additional Consumables if required: -</b>  A) Pack pretreatment Cartridges Cat. No.PCK011 Rs.68,000/- each.  B). Pack Osmosis Cartridges 2-3 years Cat No.PCK032 Rs. 112,000/- each.</p>	Qualified.

Procurement Committee may approve purchase as per required specification from the lowest bidder M/S A.J. Enterprises, Karachi @ the Rs.177,000/- each, 100gallon/day. Reverse osmosis filtration system. 3-gallon storage tank. Chrome airgap faucet. 4 stage of filtration. Adapt-A-Valve water shut off valve. Certified by NSF International, NSF/ANSI standard 58.

Filter stage-1. 5 Micron Sediment filter Reduces Dirt, sand and Rust.

Filter stage-2 5 micron carbon block filter. reduces chlorine, objectionable tastes and odor.

Filter stage-3 24GPD (gallons per day) Membrane. High production thin film composite membrane.

Filter stage-4 Carbon inline post filter. Enhance the water's taste. Warranty: 02years.

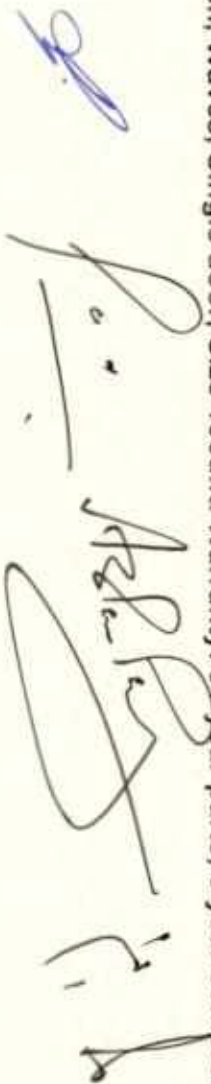


7	Deep freezer 15cuft/425liter single door, white warranty 1 year parts, 3 years compressor with stabilizer. Dawlance, Waves, PEL or equivalent. with higher specification
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Five firms participated and quoted the specification, which is in agreement with the specification given in tender item. M/S A.J. Enterprises, Karachi offered the lowest rate.

Firm Sr. #	Name of firm.	Rate with specification.	Remarks.
1	M/S A.J. Enterprises, Karachi	Rs.68,500/- each, Waves, Single door, Size 15cu.ft. Warranty: 01-year parts, 3 year compressor.	Qualified.
2	M/S Jawed Training Corporation, Karachi	Rs.69,000/- each, Waves single door, size 15cft, voltage 220V 50Hzs, Refrigerant 134a CFC Free, capacity 503 liters Approx, Model Type Aluminium Model net weight 90Kg Approx, Dimensions (HxWxD) 1600x 610x876mm.	Qualified.
3	M/S Burraq Business Corporation, Hyderabad	Rs.86,625/- Waves. Model WCC-2150, Imported compressor, 1-year part, 3-year compressor warrantee, Energy saver, LVS low voltage starter, Difference colour white, Beidge, Capacity 15 cu.ft.	Qualified.
4	M/S Habib & Sons, Hyderabad	Rs.85,500/- Kenwood, Upright Freezer, Model KDF-222V, Size:8cuft, Upright freezer with 6 compartments, Outside condenser, High temperature warning light, Adjustable front feet, Knock-down door gasket, Energy saving.	Qualified.
5	M/S Shameel Enterprises, Hyderabad	Rs.88,920/- each, Dawlance 15 cu.ft. Rs.88,464/- each Waves, 15 cu.ft. Rs.85,500/- each Haier, 15 cu.ft.	Qualified.

Procurement Committee may approve purchase as per required specification from the lowest bidder M/S A.J. Enterprises, Karachi @ the Rs.68,500/- each, Waves, Single door, Size 15cu.ft. Warranty: 01-year parts, 3 year compressor.






8	Deep Freezer 17-cu.ft. /500liters double door, colour white warranty: 1-year parts, 3-year compressor Dawlance, Waves, PEL or equivalent, with higher specification
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Five firms participated and quoted the specification, which is in agreement with the specification given in tender item. M/S Shameel Enterprises, Hyderabad offered the lowest rate.

Firm Sr. #	Name of firm.	Rate with specification.	Remarks.
1	M/S A.J. Enterprises, Karachi	Rs.89,500/- each, Waves double door, size:18cft, Warranty: 1-year parts, 3 year compressor.	Qualified.
2	M/S Jawed Training Corporation, Karachi	Rs.89,990/- each, Waves double door, size:18cft voltage:220 50Hzs, Refrigerant: 134a CFC free, capacity: 478 liters Approx, net weight:90kg approx, dimension: (HxWxD) 1600x610x876mm.	Qualified.
3	M/S Burrq Business Corporation, Hyderabad	Rs. 100,125/- Waves. Model WT-2180 Triplet, Imported compressor, 1-year part, 3-year compressor warrantee, Energy saver, LVS-Low voltage starter, Different colours, 18cu.ft capacity.	Qualified.
4	M/S Habib & Sons, Hyderabad	Rs. 85,300/- each, Waves 18cft.	Qualified.
5	M/S Shameel Enterprises, Hyderabad	Rs.85,272/- Dawlance 17cu.ft.	Qualified.

Procurement Committee may approve purchase as per required specification from the lowest bidder M/S Shameel Enterprises, Hyderabad @ the Rs.85,272/- Dawlance 17cu.ft.

9 Incubator. Incubator, 50 liters capacity 2-3 shelves adjustable Temp. Range +5 to 70°C, Digital display & control imported for Lab. purpose two door Memmert/ Cole Parmer/ Haeareus or imported equivalent.

Six firms participated, M/S A.J. Enterprises, Karachi, M/S Jawed Trading Corporation, Karachi and M/S Talha Enterprises, Karachi not equivalent as desired. whereas the specification quoted by the three firms are in agreement with the specification given in tender item. M/S ScienTec Karachi offered the lowest rate.

Firm Sr. #	Name of firm.	Rate with specification.	Remarks.
1	M/S A.J. Enterprises, Karachi	Rs.180,000/- each, Care vision, Chamber volume: 50 liter. Digital Micro processor controller with timing function. with inner glass door for easy observation. Two doors. High precision microprocessor temperature controller make temperature control precise and reliable. Automatically stop when the temperature is beyond limit to ensure safety of power consumption: 850W. Shelves: 2pieces. Warranty: 1-year.	Not Qualified as desired. • Model # not mentioned. • Literature not attached
2	M/S Jawed Training Corporation, Karachi.	Rs.190,000/- each, Incubator dig system DSI 500D Taiwan, Simple keypad input allows easy temperature setting, LED digital display enables users to monitor the chamber temperature at any given time, Visual alarm indicator alerts users of abnormal conditions if the chamber temperature exceeds the setting point by 10°C. The temperature can be controlled and maintained to 70°C. Double doors allow samples viewing from the inner door. Model: DSI 500D, Working Temperature: Ambient +5°C - 70°C. Capacity (Liters):50, Chamber size (mm) (WxDxH) 380x365x390, Power Watts:500, Size (mm) (WxDxH) 480x475x695	Not Qualified because not equivalent as desired.
3	M/S Talha Enterprises, Karachi	Rs.199,000/- each, Model BJPX-H50, Capacity 50L, Temperature control RT+5~65C Temperature fluctuation +0.5 C Time range 1~9999mins. Consumption: 200W, Power supply: 110/220v+10%.50/60HZ, Internal size (cm):35*52*41. External size(cm):50*52*71 Shelves no. (pcs) 2. Gross weight (kg) 55. Made in China	Not Qualified as desired. • China not equivalent as desired.
4	M/S Scientific Technical Corporation (Pvt.) Lahore	Rs:2,60,000/- Each, Incubator Forced Convection Type, Digital Fuzzy Control System, Model: ThermoStable IF-50, DAIHAN SCIENTIFIC, NORTH AMERICA INC., USA, Country of Origin: USA, Technical Specifications: Capacity: 50 Lit. Dimension (w x d x h) Interior (mm): 370 x 350 x 419 Heater Power: 200W, Temp. Range: Ambient Temperature +5°C to 70°C, Temp. Fluctuation: ± 0.2°C at 37°C, ± 0.3°C at 50°C Temp. Variation: ± 0.5°C at 37°C, ± 0.9°C at 50°C, Temp. Sensor: PT 100 Control Resolution: ±0.1°C Heat-up Time: 17 min. to 37°C, 28 min. to 50°C Recovery Time (Door open 30sec): 3 min. to 37°C, 4 min. to 50°C, Controller: Digital Fuzzy Control by Advanced Microprocessor Jog-Dial with Push Button, RS232 Port. Available to connect with PC Display. Digital LCD with Back Light Timer: 99hr 59 min (delay/continuous function) Material: Internal: Stainless steel (#304) External: Powder Coated steel Inner Door: Inner Tempered Glass Door Shelves: 2ea of PE-coated steel Wire Shelves included, Load per Shelf: 16 kg Ventilation: 1ea of Ventilation hole with Stainless steel Cap, Hole Diameter 40mm Circulation: Forced Air Type Safety device: Over Temp. and Over Current Protector, Sensor Error Detector Power Consumption: 216.3 W Power Supply: 220 volt, 50/60 Hz	Qualified.



Firm Sr.#	Name of firm.	Rate with specification.	Remarks.
5	M/S Scientec Karachi	Rs.220,000/- each Forced Convection Laboratory Incubator, Microprocessor PID controlled Dual Display Digital Capacity 54 liters, Model:IFA-54, Make: ESCO Singapore.	Qualified.
6	M/S Al-Sharique Trading Company, Hyderabad	Rs.384,800/- each, Model:IB-05G, Operating Temp. Range (C/F) Amb. +5 to 70Amb. +9 to 15B, Chamber Volume (L/cu ft) 60/2.1 Temperature fluctuation at 37°C. 0.1/0.1B Temperature Variation 0.6/1.08 Dimension (WxDxH) Interior (mm/inch) 400x360x420/ 15.7x14.2x16.5, Exterior (mm/inch) 595x555x745/ 23x22x29, Net weight (kg/lbs) 45/99 Electrical Requirements (220v.50/60Hz) 1.3A, Cat # AAH21162K Electrical requirement (120V, 50/60Hz) 2.8A Jelotech Korea, 60 liters 230VAC, 50/60Hz.	Qualified.

Procurement Committee may approve purchase as per required specification from the lowest bidder M/S Scientec Karachi @ the Rs.220,000/- each Forced Convection Laboratory Incubator, Microprocessor PID controlled Dual Display Digital Capacity 54 liters, Model:IFA-54, Make: ESCO Singapore.

10	Digital bench top timer, Time count down from 24 hour to 1 second in one second increments. For bench use, can display countdown, stop watch or time of Day. Alkaline Battery Fisher, Carl Roth or exact equivalent imported.	
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No firm quoted the rate in tenders of last two years. During this year (2014-15) One firm M/S Scientec Karachi participated, quoted technical specification in agreement with tender specification and offered the rate, which is compatible with the market rate.

Firm Sr.#	Name of firm.	Rate with specification.	Remarks.
1	M/S Scientec Karachi	Rs.65,000/- each, Cat # 91500-003ca, Make: Alla, France.	Qualified.

Procurement Committee may approve purchase as per required specification from the bidder M/S Scientec Karachi @ the Rs.65,000/- each, Cat # 91500-003ca, Make: Alla, France.

11	UV protective Goggles, Fisher, Roth or equivalent. UV protective eye wear light weight, Unilens Style adjustable temple length, duo flex confort cushion antifog, antiscratch/ anti UV coating, meet ANSIZ87.1-2010 and CAS Z94.3 eye ware requirement, Fisher, Roth, USA, UK Germany or exact equivalent imported.	
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No firm quoted the rate and technical specification. Procurement Committee may approve purchase of tender item from local market on quotation.





12	Digital Room Thermometer, Measuring temperature range:- 18-+72°C Clock, , Fisher, Roth or equivalent. Wall mounting Digital thermo hygrometer to monitor relative humidity and temperature in laboratories and offices. Digital thermometer selectable to 0C or 0F range: -18-+720C. Relative humidity range: 20-100%RH, 3 digit LED sensor, 1.5V AA battery. Oakton, USA, UK or exact equivalent
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No firm quoted the rate in tenders of last two years. During this year (2014-15) One firm M/S Scientec Karachi participated ,quoted technical specification in agreement with tender specification and offered the rate, which is compatible with the market rate.

Firm Sr.#	Name of firm.	Rate with specification.	Remarks.
1	M/S Scientec Karachi	Rs.19,500/- each Digital Room Thermometer, Cat: # 91000-27B, Make: Alla, France.	Qualified.

Procurement Committee may approve purchase as per required specification from the bidder M/S Scientec Karachi @ the Rs.19,500/- each Digital Room Thermometer, Cat: # 91000-27B, Make: Alla, France.

  
 (Dr. Aslam Pervez Umrani)  
 Director  
 Veterinary Research & Diagnosis  
 Central Veterinary Diagnostic Laboratory  
 Sindh, Tando Jam.

  
 (Muhammad Anwar Malik)  
 Section Office (G)  
 Livestock & Fisheries Department,  
 Government Of Sindh, Karachi


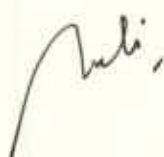



  
 Representative of  
 District Accounts Office Hyderabad

  
 Representative of  
 Finance Department, GoS,

  
 (Dr. Abdullah Mewati)  
 Director General  
 Livestock (Extension/Research)  
 Sindh, Hyderabad.



LIST OF OFFICERS PARTICIPATED IN THE PROCUREMENT COMMITTEE MEETING  
 HELD ON 04-05-2015 @ 11.00AM IN THE DIRECTORATE GENERAL, LIVESTOCK  
 (EXTENSION/RESEARCH) SINDH, HYDERABAD FOR PROCUREMENT OF  
 "LABORATORY MACHINERY & EQUIPMENT" FOR THE DIRECTORATE OF  
 VETERINARY RESEARCH AND DIAGNOSIS, CVDL SINDH, TANDO JAM DURING THE  
 YEAR 2014-15.

1	<b>Dr. Abdullah Mewati,</b> Director General, Livestock (Extension/Research) Sindh, Hyderabad.	On chair. 
2	<i>Ms. Mabarak Hussain</i> <i>Section officer (BGE-III)</i> Representative of Finance Department, Government of Sindh,	
3	<i>Mr. Pervez Ahmed Saqi</i> <i>Assistant Accounts officer</i> Representative of District Accounts Office, Hyderabad.	
4	<b>Mr. Muhammad Anwar Malik,</b> Section Officer (G), Livestock and Fisheries Department, Government of Sindh, Karachi.	
5	<b>Dr. Aslam Pervez Umrani,</b> Director, Veterinary Research & Diagnosis, CVDL Sindh, Tando Jam.	



GOVERNMENT OF SINDH  
LIVESTOCK & FISHERIES DEPARTMENT  
VETERINARY RESEARCH & DIAGNOSIS  
Central Veterinary Diagnostic Laboratory,  
TANDO JAM, (SINDH) ☎ (+) 022/2765279



**MINUTES OF  
PROCUREMENT COMMITTEE  
MEETING**

**HELD ON**

**04-05-2015 @ 11.00AM**

**FOR PURCHASE OF**

**LABORATORY MACHINERY AND EQUIPMENT  
DURING THE FINANCIAL YEAR 2014-2015.**

**DIRECTORATE OF VETERINARY RESEARCH & DIAGNOSIS,  
CVDL SINDH, TANDO JAM.**





MINUTES OF PROCUREMENT COMMITTEE MEETING HELD ON 04-05-2015 @ 11.00AM IN THE DIRECTORATE GENERAL, LIVESTOCK (EXTENSION/RESEARCH) SINDH, HYDERABAD FOR PROCUREMENT OF "LABORATORY MACHINERY & EQUIPMENT" FOR THE DIRECTORATE OF VETERINARY RESEARCH & DIAGNOSIS CVDL TANDO JAM DURING THE FINANCIAL YEAR 2014-2015.



### List of participants attached

The meeting started with the name of Allah the almighty. The Chairman Procurement Committee Livestock welcomed the participants of the meeting and opened the discussion on agenda items.

Director, Veterinary Research & Diagnosis, CVDL Sindh Tando Jam briefed the forum that tender were called through news papers for the procurement of "Laboratory Machinery & Equipment" for the Directorate of Veterinary Research & Diagnosis, CVDL Sindh, Tando Jam during the current financial year 2014-15.

Tender advertisement appeared in The Express Tribune, Sindh Express Hyderabad, Regional Times, Daily Jeejal, Daily Jang Karachi and Halchal dated April 9-10, 2015, SPPRA website S.No.23563 dated April 7, 2015 and Sindh Government website dated April 7, 2015

Nine (09) firms purchased tender documents and participated in the tender. Tenders were opened on 28-04-2015 @ 12.30hours before nine (09) interested bidders/ authorized representatives in the Directorate General, Livestock (Extension/Research) Sindh, Hyderabad by the Procurement Committee.

Procurement Committee evaluated/scrutinized technically and finalized the tender. In the light of justification provided by the Director, Veterinary Research & Diagnosis, CVDL Sindh Tando Jam. The Procurement Committee decided that:

- Procurement Committee allowed the purchase of all the approved items according to the availability of funds under Development.
- Procurement Committee approved the lowest rates and procurement of the items from the participating bidder/companies having specification in agreement with tender specification.



- The items having price higher than the estimated price given in PC-I allowed to be purchased from lowest bidder at tender price; subject to the availability of funds.
- Items, where no participation occurred or specifications offered were found irrelevant allowed to be purchased on quotation if purchase is essentially required and within Rs.100,000/-.
- If any tax imposed by the government after the completion of tender price, then this increase in tax is allowed to be included in the quoted price of items, which were previously exempted.

## 1. PURCHASE OF LABORATORY MACHINERY & EQUIPMENT.

Sr. #	Name of items with specification.
1	Air conditioner Split 1.5 ton along with accessories & installation. National, General, LG or equivalent with higher specification.

Procurement Committee approved the technical specification and rate of M/S Habib & Sons, Hyderabad for the item as under:

Rate with Technical Specification.
Rs.88,500/- Air conditioner Haier, 1.5ton.

2	Refrigerator 10cu.ft Two doors, top freezer energy saving Model, Dawlance, Weaves or equivalent with higher specification.
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Procurement Committee approved the technical specification and rate of M/S Habib & Sons, Hyderabad for the item as under:

Rate with Technical Specification.
Rs.58,900/- Refrigerator 10cu.ft Dawlance/ Waves .

3	Autoclave 50 liter top loading. Autoclave, 45-50 liters capacity, top loading, Temp range 5-132°C, Accuracy $\pm 0.5^\circ\text{C}$ @ 121°C, digital display, timer Heater 2KW, pressure 1.2kg/cm stainless steel, electronic door lock sensing, safety devices for temp, pressure, 02 wire basket U.K/ Germany or imported equivalent.
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Procurement Committee approved the technical specification and rate of M/S A.J. Enterprises, Karachi for the item as under:

Rate with Technical Specification.
Rs.725,000/- each, Zealway, Capacity: 50liter. Outer dimension: 460x542x1070mm. Rated power supply: 220V 50Hz/60Hz. Rated power 2600, Microcomputer control system. LED screen shows the dynamic sterilization process. Top loading. Sterilization time:1-300min Warranty: 01 year.

3



4

Generator 7KV Petrol and gas kit, Installation, Operation and change over (Japan or equivalent).

Procurement Committee approved the technical specification and rate of M/S A.J. Enterprises, Karachi for the item as under:

**Rate with Technical Specification.**

Rs.795,000/- each, ELEMEX 11000D Model:SH-11000. Rated Output: 8.5KVA. Max output: 10KVA. Tank Capacity:38liters. Engine: Honda GX-630. Noise level:74dB. Dry weight:165kg. Gas kit: installed. Battery: yes. Warranty: 01year.

5

Photo State Machine. Speed at least 22 & 35 CPM. Digital Soter(s), Laser printing built-in, Paper supply at least 2 trays @ 500 sheets (by pass tray)., Copy memory Min. 256MB/32MB page Memory., Resolution Min.600x600dpi., Paper Tray size at least A-6\_ A-3 other., Zoom Min. 25%-400%., ADF (Automatic Documents Feeder)., Scanning (Black & White)., Photocopier Machine Trolley., Service Agreement (03) years. Warranty/ Guaranty of at least one year with replacement of defective parts Panasonic, Canon, Kyocera.

Procurement Committee approved the technical specification and rate of M/S Habib & Sons, Hyderabad for the item as under:

**Rate with Technical Specification.**

Rs.540,500/- each, Kyocera (KM-3035) 35CPM, Specification: Technology: Laser, Mono/single component. Type: Desktop (Stationary platen). Resolution: 600x600dpi 256 grey scales (scan/copy). Time to rist copy: 3.9 seconds or less. Warm up time: 15 seconds or less. Copy speed: 35 copies per minute. Memory capacity: 64MB standard. Electronic sorter: Built-in. Duplex Unit: Built-in. Continuous copy 1-999copies. Original/ copy size: Max. A3. Zoom Range: 25%-400% in 1 step. Pre-set magnification ratios: 21 Reduction, 9 Enlargement. Paper Feeding: Standard: 2 x 500 sheets universal paper cassette + 200 sheets multi-purpose/ bypass tray. Paper capacity: 1,200 sheets standard, Max, 4,200 sheets. Exposure mode: Auto, Manual: 7 or 13 steps. Image Adjustment: Text + Photo, Text, Photo. Model KM-3035, Drum life and free replacement of parts 400,000 pages copies or 12-months. Warranty/ Guaranty and service 3-years.

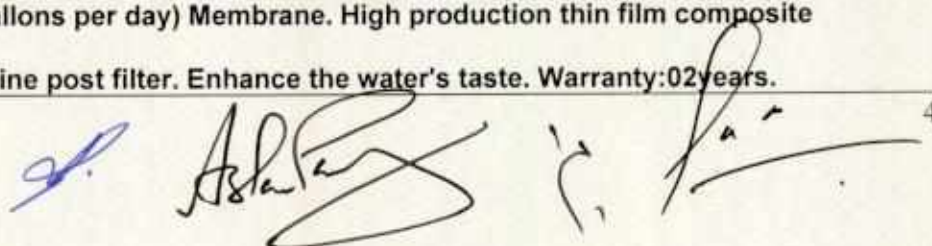
6

4 stage Reverse Osmosis System. 100gallon/day, Sediment filter-5micron, Carbon block filter-5micron, RO membrane semi permeable 1/10,000micron, Final filter high quality GAC filter, storage tank, Chrome faucet, installation kit, heavy duty bracket, TDS Monitor, filter change indicator installation and operation manual, 2 years warranty. Tested and certified by NSF international against NSF/ANSI standard 58, on site installation & additional set of filters. WATTS/ Axoin/ AMI, USA, Canada or exact equivalent.

Procurement Committee approved the technical specification and rate of M/S A.J. Enterprises, Karachi for the item as under:

**Rate with Technical Specification.**

Rs.177,000/- each, 100gallon/day. Reverse osmosis filtration system. 3-gallon storage tank. Chrome airgap faucet. 4 stage of filtration. Adapt-A-Valve water shut off valve. Certified by NSF International, NSF/ANSI standard 58.  
 Filter stage-1. 5 Micron Sediment filter Reduces Dirt, sand and Rust.  
 Filter stage-2 5 micron carbon block filter. reduces chlorine, objectionable tastes and odor.  
 Filter stage-3 24GPD (gallons per day) Membrane. High production thin film composite membrane.  
 Filter stage-4 Carbon inline post filter. Enhance the water's taste. Warranty:02years.





7	Deep freezer 15cuft/425liter single door, white warranty 1 year parts, 3 years compressor with stabilizer. Dawlance, Waves, PEL or equivalent. with higher specification
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Procurement Committee approved the technical specification and rate of M/S A.J. Enterprises, Karachi for the item as under:

Rate with Technical Specification.	
Rs.68,500/- each, Waves, Single door, Size 15cu.ft. Warranty: 01-year parts, 3 year compressor.	

8	Deep Freezer 17-cu.ft. /500liters double door, colour white warranty: 1-year parts, 3-year compressor Dawlance, Waves, PEL or equivalent. with higher specification
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Procurement Committee approved the technical specification and rate of M/S Shameel Enterprises, Hyderabad for the item as under:

Rate with Technical Specification.	
Rs.85,272/- Deep Freezer Dawlance 17cu.ft.	

9	Incubator. Incubator, 50 liters capacity 2-3 shelves adjustable Temp. Range +5 to 70°C, Digital display & control imported for Lab. purpose two door Memmert/ Cole Parmer/ Heareus or imported equivalent.
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Procurement Committee approved the technical specification and rate of M/S ScienTec Karachi for the item as under:

Rate with Technical Specification.	
Rs.220,000/- each Forced Convection Laboratory Incubator, Microprocessor PID controlled Dual Display Digital Capacity 54 liters, Model:IFA-54, Make: ESCO Singapore.	

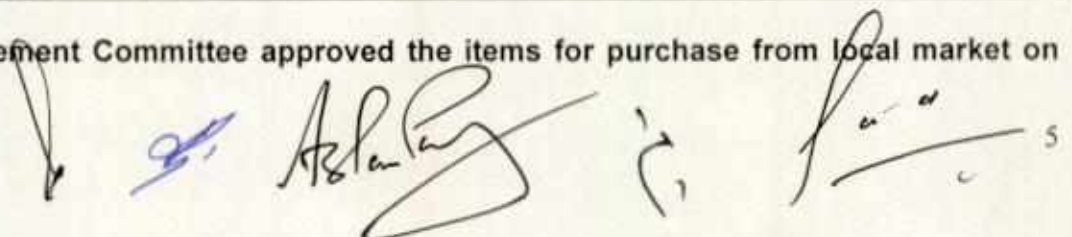
10	Digital bench top timer, Time count down from 24 hour to 1 second in one second increments. For bench use, can display countdown, stop watch or time of Day. Alkaline Battery Fisher, Carl Roth or exact equivalent imported.
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Procurement Committee approved the technical specification and rate of M/S ScienTec Karachi for the item as under:

Rate with Technical Specification.	
Rs.65,000/- each, Cat # 91500-003ca, Make: Alla, France.	

11	UV protective Goggles, Fisher, Roth or equivalent. UV protective eye wear light weight, Unilens Style adjustable temple length, duo flex confort cushion antifog, antiscratch/ anti UV coating, meet ANSI Z87.1-2010 and CAS Z94.3 eye ware requirement, Fisher, Roth, USA, UK Germany or exact equivalent imported.
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Procurement Committee approved the items for purchase from local market on quotation.







Digital Room Thermometer, Measuring temperature range:- 18-+72°C Clock, , Fisher, Roth or equivalent. Wall mounting Digital thermo hygrometer to monitor relative humidity and temperature in laboratories and offices. Digital thermometer selectable to 0C or 0F range: -18-+720C. Relative humidity range: 20-100%RH, 3 digit LED sensor, 1.5V AA battery. Oakton, USA, UK or exact equivalent

Procurement Committee approved the technical specification and rate of M/S ScienTec Karachi for the item as under:

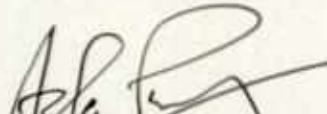
Rate with Technical Specification.

Rs.19,500/- each Digital Room Thermometer, Cat: # 91000-27B, Make: Alla, France.

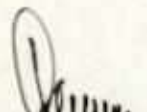
It was further decided in the meeting:


1. At the time of installation of equipment it will be suppliers' responsibility to make equipment functional.
2. The firm will provide at least one year warranty for on site service, repair and spare parts against the equipment.
3. All the firms will pay sales tax as per government rule from the approved cost.
4. All the firms will have to pay income tax and all other usual taxes (admissible as per policy/ rules) before delivery (with own expenses) of the goods.
5. The payment shall be made to the firms against the supply of item with the consent of receiving committee of CVDL, ensuring that the items were according to the specification.
6. All the firms will be responsible to deliver the goods within fifteen (15) days after issuance of the work order or proforma invoice and other confirmation documents indicating delivery date for the imported item(s) with in one week failing which their supply orders will be treated as cancelled and same will be placed to 2<sup>nd</sup> lowest bidder (subject to qualifying technical specification).


Meeting ended with vote of thanks.

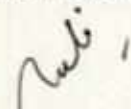
  
(Dr. Aslam Pervez Umrani)  
Director

Veterinary Research & Diagnosis  
Central Veterinary Diagnostic Laboratory  
Sindh, Tando Jam.

  
(Muhammad Anwar Malik )  
Section Office (G)  
Livestock & Fisheries Department,  
Government Of Sindh, Karachi.

  
Representative of  
District Accounts Office Hyderabad.  
Pervez Ahmed Sangi  
Asstt. Accounts officer  
Hyderabad

  
(Dr. Abdullah Mewati)  
Director General  
Livestock (Extension/Research)  
Sindh, Hyderabad.

  
Representative of  
Finance Department, GoS,  
Mubarak Hussain  
Section office  
(B&E-III)



**LIVESTOCK & FISHERIES DEPARTMENT  
GOVERNMENT OF SINDH  
VETERINARY RESEARCH & DIAGNOSIS  
@ Central Veterinary Diagnostic Laboratory,  
TANDO JAM, (SINDH) Telephone (+) 022/2765279**

**TENDER DOCUMENT**

**REFERENCE NO.CVDL/AC/TENDER (14-15/V).**

***FOR THE PROCUREMENT***

**OF**

**Laboratory Machinery & Equipment.**

**TO BE OPENED  
ON 28-04-2015**

**FOR THE**

**DIRECTORATE OF VETERINARY RESEARCH & DIAGNOSIS  
CENTRAL VETERINARY DIAGNOSTIC LABORATORY SINDH TANDO JAM  
DURING THE CURRENT FINANCIAL YEAR 2014-2015.**

*[Handwritten signatures and initials]*



## TENDER NOTICE.

The Government of Sindh, through its Development schemes intends to invite tenders for the procurement of "**Laboratory Machinery & Equipment**" for Directorate of Veterinary Research & Diagnosis, CVDL Sindh Tando Jam. The Purchase is to be completed during the current financial year 2014-2015.

Hence the Procurement Committee invites sealed tenders from eligible tenderers pertaining to the above task on **28-04-2015 at 12.00noon**. The brief of the procurement is as under.

<b>1. Laboratory Machinery &amp; Equipment</b>	<b>List at Page # 6-7</b>
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A complete set of documents along with detailed information can be collected from Directorate of Veterinary Research & Diagnosis, Central Veterinary Diagnostic Laboratory Sindh Tando Jam, on payment of **Rs.2,000/-** (Rupees two thousand) (non-refundable) in the shape of pay order/bank draft from the date of publication till **27-04-2015 to 17.00hours**.

The firms shall prepare **Single Stage-One Envelope Procedure** (a) Notice Inviting Tenders and bidding documents of this method shall contain: (i) relevant experience. (ii) registration with Income Tax, Sales Tax and Professional Tax (iii) technical specification (b) each bid shall comprise one single envelope containing the financial proposal and required information mentioned at (a) above; (c) all bids received shall be opened and evaluated in the manner prescribed in the Notice Inviting Tenders or bidding document.

The tender will be opened before tenderers or their authorized representative in the Directorate General, Livestock (Extension/Research) Sindh behind Shahbaz Building Hyderabad headed by the Chairman Procurement Committee/ Director General, Livestock (Extension/Research) Sindh on **28-04-2015 at 12.30PM**.

The tenderers will have to provide evidence of experience of supply of the machinery & equipment to renowned organizations, institutes of firm. The technical literature must contain catalogue and other relevant papers.

The Procurement committee will not be responsible for any cost or expenses incurred in connection with the delivery, transportation of store at the destination.

For services and contractual execution of work or furnishing supplies; registration with Sindh Revenue Board for Sindh Sales Tax (SST) is mandatory and SST will be deducted in full as per Sindh Sales Tax Special Procedure (With holding) Rules, 2012".

The purchase will be made as per provision of the Sindh Purchase Manual 1991 & SPPRA Rules 2010(Amended 2013). The competent authority reserves the right to reject all or any bids subject to the relevant provisions of SPPRA Rules 2010 (Amended 2013)".

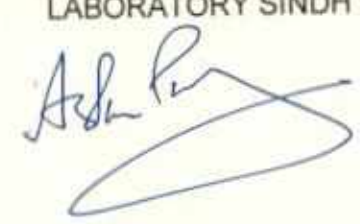
No. CVDL/AC/Tender/2014-15(V)/

dated, the/

M/S \_\_\_\_\_

\_\_\_\_\_

DIRECTOR  
VETERINARY RESEARCH & DIAGNOSIS  
CENTRAL VETERINARY DIAGNOSTIC  
LABORATORY SINDH TANDO JAM





## GENERAL CONDITIONS OF CONTRACT.

1. The Procurement Committee reserves the right to extend date, time of bid, opening or receiving the bids and to purchase all or part of material mentioned in the tender as per SPPRA rules 2010 (amended 2013).
2. All registered firms shall be required to deposit earnest money equivalent to 5% of the value of their offer with their tender in the form of call deposit/ pay order in favour of Director, CVDL Sindh, Tando Jam.
3. The successful tenderer shall have to deposit 10% performance security of the contract price, which shall be valid for one year from the date of delivery of the item.
4. For services and contractual execution of work or furnishing supplies; registration with Sindh Revenue Board for Sindh Sales Tax (SST) is mandatory and SST will be deducted in full as per Sindh Sales Tax Special Procedure (With holding) Rules, 2012".
5. At the time of installation of equipment, it will be supplier's responsibility to make equipment functional and one year warranty will start from the date of installation.
6. All equipment must have at least on site one year warranty of service, repair and spare parts.
7. Any cutting / correction in bid form will make the quotation invalid.
8. The rate quoted must be valid up to 90 days and extendable as per rules.
9. Procurement Committee reserve the right to obtain, clarification from any bidder, in respect of item quoted by him. The replies by the bidder will be recorded and which will be the part of bid document.
10. Supply order / contract will be issued subject to the availability of funds.
11. 100% payment shall be released on receipt of consignment in full.
12. The contracting firms will be treated under the clause 12,13 and 14 of Sindh purchase manual 1991 & SPPRA Rules 2010(amended 2013) accordingly in case of failure in supply of material, it shall be optioned to purchase the stores else where without notice on the account and the risk of the contract.
13. The firms shall prepare **Single Stage-One Envelope Procedure** (a) Notice Inviting Tenders and bidding documents of this method shall contain: (i) relevant experience. (ii) registration with Income Tax, Sales Tax and professional tax (iii) technical specification (b) each bid shall comprise one single envelope containing the financial proposal and required information mentioned at (a) above; (c) all bids received shall be opened and evaluated in the manner prescribed in the Notice Inviting Tenders or bidding document.
14. The evaluation will be based on the technical specification cum quoted price, the Procurement Committee reserves the right to choose the best specification in the interest of Government labs as per requirement.



15. The tenderers shall sign the enclosed under taking while quoting their rates; failing which the tender / offer is liable to be considered NON RESPONSIVE.
16. The bid document should be properly sealed and tender No. and date of opening may be indicated on the envelope.
17. Price must be quoted in Pak currency per accounting unit.
18. Bid must be supported with relevant literature (catalogue in original) etc. and country of origin make brand should be recorded on bid against the item.
19. The tenderer must provide documentary proof of authorized valid dealer ship from manufacture or authority to compete in bid on behalf of authorized dealer/ manufacture.
20. Supplier will have to provide import documents of items supplied at the time of delivery of consignment.
21. Supplier will have to submit the proforma invoice and other confirmation documents indicating delivery date for the imported item(s) within one week of receipt of supply order to ensure the timely delivery within the financial calendar 2014-15.
22. The firms participating in the tender must be registered with Sales Tax Department and Income Tax Department should mention their registration No. along with copy of valid registration certificate.
23. Breakage / leakage during transport are the responsibility of supplier.
24. The payment will be made to the supplier after deduction of 4.5% income tax and sales tax or any other additional tax imposed at the time of supply on each supply on production of receipt / certificate on the effect that the items received by the respective officer in charge of the stores of Central Veterinary Diagnostic Laboratory Tando Jam to whom supply order is made.
25. All the rates quoted must be included with all government taxes. No separate kind of tax will be paid by the department. It will be the overall responsibility of firm / company.
26. The last date of issuance of tender documents is **27-04-2015 up to 17.00hours**.
27. Last date of receipt of tender document is **28-04-2015 @ 12.00Noon** and shall be opened on the same day **28-04-2015 at 12.30hours** in the Directorate General, Livestock (Extension/Research) Sindh, behind Shahbaz Building, Hyderabad in the presence of interested bidders or their authorized representatives.
28. The Procurement Committee reserves the right to accept or reject any bid in whole or part according to SPPRA Rules 2010 (amended 2013)".

The image shows four handwritten signatures in blue ink. The most prominent signature in the center is written in a cursive style and appears to read 'Arfa Farooq'. To its left and right are two smaller, less legible signatures. On the far right, there is a vertical signature that looks like a stylized 'A' or 'S'. The signatures are scattered across the bottom of the page.

## UNDER TAKING.

Signed, sealed and delivered with guarantee to supply the stores exactly in accordance to the requirement specified in the tender Document, we also understand that you are not bound to accept the lowest priced or any tender, which you may receive. We undertake, if our tender is accepted, to commence delivery and to complete the store instruments equipment specified within stipulated period, and will provide the security (as per provision of Sindh Purchase Manual 1991 & SPPRA rules 2010 (amended 2013), for the due performance of the contract. We also undertake to provide assurance of two year warranty or 75% shelf life against each item supplied.

Date he \_\_\_\_\_ day of \_\_\_\_\_ 2015.

### **SIGNATURE & SEAL**

(In the capacity of/duly authorized to sign for and on behalf of)

Address \_\_\_\_\_  
Telephone No. \_\_\_\_\_  
CNIC No. \_\_\_\_\_


### **SIGNATURE(S) OF WITNESS.**

Address \_\_\_\_\_  
\_\_\_\_\_  
Telephone No. \_\_\_\_\_  
CNIC No. \_\_\_\_\_

(Attach Photo copy please)

## TENDER SCHEDULE.


1.	Publicity of Invitation of Tender	<b>Through National Dailies and Sindh Government website</b>
2.	Last date of issuance of tender document.	<b>27-04-2015 @ 17.00hours</b>
3.	Date of Receipt of Tender document.	<b>28-04-2015 @ 12.00noon</b>
4.	Date of opening of Tender	<b>28-04-2015 at 12.30hours.</b>
5.	Place of opening of Tender	<b>Directorate General, Livestock (Extension/Research) Sindh, behind Shahbaz Building Hyderabad.</b>
6.	Validity of Offer	<b>90 days and extendable as per rules.</b>
7.	Name of consignee	<b>Directorate of Veterinary Research &amp; Diagnosis, C.V.D. Laboratory Sindh, Tando Jam.</b>





**Laboratory Machinery & Equipment to be Purchased during the current financial year 2014-15 for Central Veterinary Diagnostic Laboratory (CVDL) Tando Jam.**

S.#	Name of Item with Specification.	Estimated quantity	Firms to fill	
			Technical specification	Rate per unit
1	Air conditioner Split 1.5 ton along with accessories & installation. National, General, LG or equivalent with higher specification.	2 Nos.		
2	Refrigerator 10cu.ft Two doors, top freezer energy saving Model, Dawlance, Weaves or equivalent with higher specification.	4 Nos.		
3	Autoclave 50 liter top loading. <b>Autoclave, 45-50 liters capacity</b> , top loading, Temp range 5-132°C, Accuracy $\pm 0.5^\circ\text{C}$ @ 121°C, digital display, timer Heater 2KW, pressure 1.2kg/cm stainless steel, electronic door lock sensing, safety devices for temp, pressure, O2 wire basket U.K/ Germany or imported equivalent.	2 Nos.		
4	Generator 7KV Petrol and gas kit, Installation, Operation and change over (Japan or equivalent).	1 Nos.		
5	Photo State Machine. Speed at least 22 & 35 CPM. Digital Soter(s), Laser printing built-in, Paper supply at least 2 trays @ 500 sheets (by pass tray), Copy memory Min. 256MB/32MB page Memory., Resolution Min.600x600dpi., Paper Tray size al least A-6_ A-3 other., Zoom Min. 25%-400%., ADF (Automatic Documents Feeder), Scanning (Black & White), Photocopier Machine Trolley., Service Agreement (03) years. Warranty/ Guaranty of at least one year with replacement of defective parts Panasonic, Canon, Kyocera.	1 No.		
6	4 stage Reverse Osmosis System, 100gallon/day, Sediment filter-5micron, Carbon block filter-5micron, RO membrane semi permeable 1/10,000micron, Final filter high quality GAC filter, storage tank, Chrome faucet, installation kit, heavy duty bracket, TDS Monitor, filter change indicator installation and operation manual, 2 years warranty. Tested and certified by NSF international against NSF/ANSI standard 58, on site installation & additional set of filters. WATTS/ Axoin/ AMI, USA, Canada or exact equivalent.	1 No.		

S.#	Name of Item with Specification.	Estimated quantity	Firms to fill	
			Technical specification	Rate per unit
7	Deep freezer 15cuft/425liter single door, white warranty 1 year parts, 3 years compressor with stabilizer. Dawlance, Waves, PEL or equivalent. with higher specification	2 Nos.		
8	Deep Freezer 17-cu.ft. /500liters double door, colour white warranty: 1-year parts, 3-year compressor Dawlance, Waves, PEL or equivalent. with higher specification	2 Nos.		
9	Incubator. Incubator, 50 liters capacity 2-3 shelves adjustable Temp. Range +5 to 70°C, Digital display & control imported for Lab. purpose two door Memmert/ Cole Parmer/ Heareus or imported equivalent.	2 Nos.		
10	Digital bench top timer, Time count down from 24 hour to 1 second in one second increments. For bench use, can display countdown, stop watch or time of Day. Alkaline Battery Fisher, Carl Roth or exact equivalent imported.	2 Nos.		
11	UV protective Goggles, Fisher, Roth or equivalent. UV protective eye wear light weight, Unilens Style adjustable temple length, duo flex confort cushion antifog, antiscratch/ anti UV coating, meet ANSIZ87.1-2010 and CAS Z94.3 eye ware requirement, Fisher, Roth, USA, UK Germany or exact equivalent imported.	2 Nos.		
12	Digital Room Thermometer, Measuring temperature range:- 18-+72°C Clock, , Fisher, Roth or equivalent. Wall mounting Digital thermo hygrometer to monitor relative humidity and temperature in laboratories and offices. Digital thermometer selectable to °C or °F range: -18-+72°C. Relative humidity range: 20-100%RH, 3 digit LED sensor, 1.5V AA battery. Oakton, USA, UK or exact equivalent	2 Nos.		

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