



EP Division

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No: KMSCL/EP/18239/2024

Dated: 18.11.2024

NOTICE

Sub:- Tender No.T553/ 2024 - Results of demonstraion/ document evaluation & Date of price bid opening – Instruments Set for Autopsy- reg.

- Ref:-**
1. Tender Inviting Notice published dated 11.06.2024
 2. Technical bid opening held on 15.07.2024@ 11.00 A M
 3. Eligible list for equipment demonstration published on 21.10.2024
 4. Reports of demonstration/ document evaluation of Instruments Set for Autopsy received on 11.11.2024

I. The reports of technical document evaluation/ demonstration of Instruments Set for Autopsy per reference no. 4th cited above were submitted by the technical committee appointed for the purpose. The details of the tenderers qualified in the technical evaluation are tabulated as follows:

A. The items which are selected in demonstration is marked as 'Yes' and all other remarks are rejected.

Sl. No	Name of the Tenderer	Item Description	M/s.Kerala surgical Equipment Co.	M/s. Scientific Medical Equipments Pvt ltd	M/s.Universal agencies	M/s.Yorko sales pvt ltd
1.	Weighing machine for dead bodies	1. Complete SS platform (2100mmx600mm approx.) with SS grade construction,	Yes	Yes	Not demonstrated	Yes
		2. Weigh range 0-300kg accuracy 20g, Rechargeable battery backup,	Yes	Yes	Not demonstrated	Yes
		3. Digital display mounted on wall/ kept on table.	Yes	Yes	Not demonstrated	Yes
		1. Fixed Arbour Large Section Blade (10003), Voltage 220/240v,	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		2. Weight 1.8 Kg,	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		3. Handle Near the Blade,	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		4. Which Can Provides Good Control and Balance.	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		5. Power Switch				

2.	Autopsy saw with accessories	10 Ft. (304.8cm) Cord with Hospital-grade Plug That Provides Maximum Flexibility Physical Specifications with Attachment for Hepa Bone Dust Collector	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		6. High Speed Oscillation 12000-21000 rpm. Speed Control Facility to Adjust the Speed of the Saw Blade.	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		7. Additional Set of 2 Blades.	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		8. The Hand Piece Should Have Safety Flange Permitting Firm Grip and Stays Cool During Operation.	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		9. The Set of Screw Wrench for Exchange of Saw Blades.	Not demonstrated	Not demonstrated	Not demonstrated	Not demonstrated
		10. Accept all styles of autopsy blade.	Not demonstrated	Not demonstrated	Not demonstrated	Not demonstrated
		11. Vacuum dust Collector shall be supplied as per the specification mentioned below.	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		a) Suction pefomance 1300 W	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		b) Air flow rate 60 Ltr/min	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		c) Vacuum 240 mbar	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		d) Main supply 220 V, 50 HZ	Not demonstrated	Not demonstrated	Yes	Not demonstrated
e) Noise level 63 db	Not demonstrated	Not demonstrated	Not demonstrated	Not demonstrated		
3.	Organ weighing machine	1. Platform size 14x14 inches	Yes	Yes	Not demonstrated	Not demonstrated
		2. SS 304 grade, digital display with rechargeable battery backup	Yes	Yes	Not demonstrated	Not demonstrated
		3. 220 V, single phase Ac supply	Yes	Yes	Not demonstrated	Not demonstrated

		4. Max wt: 15kg	Yes	Yes	Not demonstrated	Not demonstrated
		5. Accu: +/-2gm	Yes	Yes	Not demonstrated	Not demonstrated
4.	Weighing machine for foetus	1. Should have 5 gm accuracy	Not demonstrated	Yes	Yes	Not demonstrated
		2. Should have a minimum measuring capacity 25 gms.	Not demonstrated	Yes	Yes	Not demonstrated
		3. Should have easy to read LED display	Not demonstrated	Yes	Yes	Not demonstrated
		4. Should measure a maximum weight of 20kgs. 5. Should have zero calibration.	Not demonstrated	Yes	Yes	Not demonstrated
		6. Should hold the measured value irrespective of movements.	Not demonstrated	Yes	Yes	Not demonstrated
		7. Should have electronic damping facility for eliminating the reading fluctuations caused by movements	Not demonstrated	Yes	Yes	Not demonstrated
		8. Weighing pan should be suitable for weighing new born babies and foetus	Not demonstrated	Yes	Yes	Not demonstrated
		9. The Tray should be made of fiber glass/acrylic.	Not demonstrated	Yes	Yes	Not demonstrated
		10. Should have a pan size of at least 50cms length, 20cms width and 8cms height.	Not demonstrated	Yes	Yes	Not demonstrated
		11. The pan should have facility to measure the length of baby.	Not demonstrated	Yes	Yes	Not demonstrated
		12. Should operate on input supply 200 to 230 Vac, 50 Hz.	Not demonstrated	Yes	Yes	Not demonstrated
		13. Should bear certification for each machine by department of legal metrology valid in Govt. of Kerala. The tenderer shall submit copy of the model approval issued by Govt. of Kerala, Legal	Not demonstrated	Yes	Yes	Not demonstrated

		along with technical bid.				
5.	Hack saw	1. Weight 150 gm	Not demonstrated	Not demonstrated	Yes	Yes
		2. 12 inches length	Not demonstrated	Not demonstrated	Yes	Yes
		3. surface finishing-colour coated	Not demonstrated	Not demonstrated	Yes	Yes
		4. frame thickness 5 mm	Not demonstrated	Not demonstrated	Yes	Yes
		5. handle plastic	Not demonstrated	Not demonstrated	Yes	Yes
6.	Rib shear (right and left)	1. Stainless steel	Yes	Not demonstrated	Yes	Yes
		2. pack of 2 - right& left	Yes	Not demonstrated	Yes	Yes
		3. sizes 190 & 220 mm (Std size)	Yes	Not demonstrated	Yes	Yes
7.	Measuring Tape	1. Double sided, tailors soft	Not demonstrated	Not demonstrated	Yes	Yes
		2. Flexible, Colour: Random colour	Not demonstrated	Not demonstrated	Yes	Yes
		3. Size: approx.150*1.1cm/60" * 0.43"	Not demonstrated	Not demonstrated	Yes	Yes
8.	Tooth extractor (right and left)	1. Stainless steel	Not demonstrated	Not demonstrated	Yes	Yes
		2. Pack of 2 - right & left std size	Not demonstrated	Not demonstrated	Yes	Yes
9.	Hand held heat sealer	1. Material: Stainless Steel or AluminiumCapacity 12mm width,	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		2. 300 watts, manual	Not demonstrated	Not demonstrated	Yes	Not demonstrated
10.	Instrument tray with lid 18x12 inches	1. Stainless steel good quality with lid 18x12 inches	Yes	Not demonstrated	Not demonstrated	Yes
11.	BP knife handle No. 4	1. No. 4(130 cm)	Yes	Not demonstrated	Not demonstrated	Yes
		2. Made of high grade non rusted stainless steel	Yes	Not demonstrated	Not demonstrated	Yes
		3. Can be autoclaved	Yes	Not demonstrated	Not demonstrated	Yes
		1. Stainless steel	Yes	Not demonstrated	Not demonstrated	Not demonstrated

12.	Thumb forceps - toothed	2. good quality toothed	Yes	Not demonstrated	Not demonstrated	Not demonstrated
		3. 135 mm 2x3 teeth serrated handle	Yes	Not demonstrated	Not demonstrated	Not demonstrated
13.	Thumb forceps - non-toothed	1. Stainless steel	Yes	Not demonstrated	Not demonstrated	Not demonstrated
		2. good quality non-toothed 135 mm serrated handle	Yes	Not demonstrated	Not demonstrated	Not demonstrated
14.	Intestinal clamp forceps - curved	1. Standard size	Yes	Not demonstrated	Yes	Not demonstrated
		2. Stainless Steel	Yes	Not demonstrated	Yes	Not demonstrated
		3. Longitudinal serrations for secure grip	Yes	Not demonstrated	Yes	Not demonstrated
		4. Narrow design for deep tissue access	Yes	Not demonstrated	Yes	Not demonstrated
		5. Ergonomic design for comfortable handling Round tips and long narrow blades with longitudinal serrations	Yes	Not demonstrated	Yes	Not demonstrated
		6. Ergonomic finger ring handles and ratchet lock	Yes	Not demonstrated	Not demonstrated	Not demonstrated
15.	Intestinal clamp forceps - straight	1. Premium quality SS	Yes	Not demonstrated	Yes	Not demonstrated
		2. Longitudinal serrations for secure grip 21 cmatraumatic and non-crushing	Yes	Not demonstrated	Yes	Not demonstrated
16.	Brain knife (autopsy)	1. Stainless steel	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		2. blade length - 9 1/2 inches	Not demonstrated	Not demonstrated	Yes	Not demonstrated
17.	Virchow's autopsy knife 16 cm size	1. Stainless steel blade & handle,	Not demonstrated	Not demonstrated	Yes	Yes
		2. 16 cm blade length	Not demonstrated	Not demonstrated	Yes	Yes
18.	Virchow's autopsy knife 20 cm size	1. Stainless steel blade & handle,	Not demonstrated	Not demonstrated	Yes	Yes
		2. good quality 20 cm blade length	Not demonstrated	Not demonstrated	Yes	Yes
19.	Cartilage knife	1. Stainless steel	Not demonstrated	Not demonstrated	Yes	Yes
		2. standard sizes	Not demonstrated	Not demonstrated	Yes	Yes

20.	Stainless steel long scissors with blunt tip- straight	1. Stainless steel	Yes	Not demonstrated	Yes	Not demonstrated
		2. blunt tip- straight	Yes	Not demonstrated	Yes	Not demonstrated
		3. 6 ½ inches	Yes	Not demonstrated	Yes	Not demonstrated
21.	Stainless steel long scissors with blunt tip- curved	1. Stainless steel, good quality ,	Yes	Not demonstrated	Yes	Not demonstrated
		2. with blunt tip- curved 6 ½ inches	Yes	Not demonstrated	Yes	Not demonstrated
22.	Anthropometric set			Not demonstrated	Yes	Not demonstrated
a.	Folding metal rod up to 7 feet	1. Stainless steel	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		2. with base plate & graduation	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		3. 1 mm sub division max.	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		4. height 7 feet/ 210 cm	Not demonstrated	Not demonstrated	Yes	Not demonstrated
b.	Osteometric board	1. Stainless steel or wooden type with graduation mounted on rubber stumps	Not demonstrated	Not demonstrated	Yes	Not demonstrated
c.	Craniometer	1. 0 mm to 600mm, analogue spreading calliper, accuracy 0.001	Not demonstrated	Not demonstrated	Yes	Not demonstrated
d.	Mandibulometer	1. Made of Aluminium material Measuring angle range [°]: 20°-160° and 0°+/- 70° (NEW: 2nd scale) Measuring plaid base plate [NEW: 1mm grid]: 0-200mm (Y axis) Measuring base plate [NEW: 1mm grid]: 0 +/- 60mm (X axis)	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		2. Measuring pivot plate [NEW: 1mm grid]: 0-70mm (Y axis) Measuring pivot plate [NEW: 1mm grid]: 0 +/- 60mm (X axis) Weight: 845g	Not demonstrated	Not demonstrated	Yes	Not demonstrated
e.	Goniometer	1. High quality stainless steel, durable and smooth surface	Not demonstrated	Not demonstrated	Yes	Not demonstrated

f. Vernier callipers	battery operated, digital	demonstrated	demonstrated	Yes	demonstrated
	2. Size: 0 to 300 mm Packing: Plastic Box Packing	Not demonstrated	Not demonstrated	Yes	Not demonstrated
	3. Calibration: In house Size 300 mm Range 0 to 300 mm Least Count 0.01 mm	Not demonstrated	Not demonstrated	Yes	Not demonstrated
	4. 4. Accuracy 0.02 mm	Not demonstrated	Not demonstrated	Yes	Not demonstrated
23. Digital PH meter	1. Waterproof	Not demonstrated	Not demonstrated	Yes	Not demonstrated
	2. Dustproof Housing - IP67 rated,	Not demonstrated	Not demonstrated	Yes	Not demonstrated
	3. maintains the integrity of your tester even in harsh conditions.	Not demonstrated	Not demonstrated	Yes	Not demonstrated
	4. User-Replaceable Sensor - reuse the same meter body many times	Not demonstrated	Not demonstrated	Yes	Not demonstrated
	5. Double Junction Sensor	Not demonstrated	Not demonstrated	Yes	Not demonstrated
	6. Push-Button Calibration with Auto-Buffer Recognition - quick	Not demonstrated	Not demonstrated	Yes	Not demonstrated
	7. easy calibration with no calibration mistakes	Not demonstrated	Not demonstrated	Yes	Not demonstrated
	8. Automatic Temperature Compensation (ATC) - ensures optimum accuracy under fluctuating temperatures	Not demonstrated	Not demonstrated	Yes	Not demonstrated
	9. Choice of USA or NIST pH buffer standards with up to 3 points	Not demonstrated	Not demonstrated	Yes	Not demonstrated
	10. Temperature Display Readout simultaneously	Not demonstrated	Not demonstrated	Yes	Not demonstrated
	11. Auto-Power Off saves battery power after non-use Hold Function freezes reading momentarily for easy viewing Self-Diagnostic for easy troubleshooting (e.g battery indicator,	Not demonstrated	Not demonstrated	Yes	Not demonstrated

		Codes/Enhanced power saving allows extended power consumption up to 500 hrs with single battery set.				
24.	Digital spectrophotometer	1. Wavelength Range-190-1100 nm, Optical System	Not demonstrated	Yes	Yes	Not demonstrated
		2. Double Beam Spectral Bandwidth 1 nm	Not demonstrated	Yes	Yes	Not demonstrated
		3. Model No / Item Code, LT-2201, Wavelength Accuracy +- 0.3 nm,	Not demonstrated	Yes	Yes	Not demonstrated
		4. Wavelength Repeatability +- 0.2 nm, Photometric Accuracy +- 0.3% T, Photometric Range 0-200 % T, -0.3-3.0 A, 0-9999 C Stray Light, less than equal to 0.05%T, Stability+- 0.001 A/h, Lamp Type, Halogen Lamp, Deuterium Lamp, Grating 1200 lines / mm, Baseline Flatness +- 0.001 A/h, Data Output Port, USB Port	Not demonstrated	Yes	Yes	Not demonstrated
		Display, 5 inches LCD (320x240 dots), Dimensions 580*510*210 mm, Printer Port, Parallel Port, Weight 16 kg	Not demonstrated	Yes	Yes	Not demonstrated
25.	Chemical balance	1. Electronic balance UP 423 X series	Not demonstrated	Yes	Not demonstrated	Not demonstrated
		2. Capacity 420g, min display 0.001 g	Not demonstrated	Yes	Not demonstrated	Not demonstrated
		3. Pan size Approx. 108 x 105mm	Not demonstrated	Yes	Not demonstrated	Not demonstrated
26.	Distillation plant	1. Should have automatic Electrically Heated All Glass Distillation Unit	Not demonstrated	Yes	Not demonstrated	Not demonstrated
		2. N.P.L. Design, heater embedded in spiral glass tube complete with C.I. heavy base S.S. Rod, Clamps, Board etc.	Not demonstrated	Yes	Not demonstrated	Not demonstrated
		3. Capacity: 5 lit Double	Not demonstrated	Yes	Not demonstrated	Not demonstrated

		sensor auto cut off.				
		1. Stainless steel, complete set arranged in a box containing the following items	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		2. Standard operating scissors 14cm, bl/sh str, ss	Not meeting the specification	Not demonstrated	Yes	Not demonstrated
		3. Collin amputating knife solid handle blade 19cm, ss	Yes	Not demonstrated	Yes	Not demonstrated
		4. Amputating and resection saw charriere 35cm, 14" ss	Yes	Not demonstrated	Yes	Not demonstrated
		5. Operating knife solid handle, 17cm/2", ss	Yes	Not demonstrated	Yes	Not demonstrated
		6. Operating knife solid handle, 17cm/1", ss	Yes	Not demonstrated	Yes	Not demonstrated
		7. Esmarch bandage scissors, 20cm heavy duty, ss	Yes	Not demonstrated	Yes	Not demonstrated
		8. Dressing forceps 18cm cross serrated, ss	Yes	Not demonstrated	Yes	Not demonstrated
		9. Dressing forceps 20cm str serrated ss	Yes	Not demonstrated	Yes	Not demonstrated
		10. Probe grooved directors 14cm, ss	Not meeting the specification	Not demonstrated	Yes	Not demonstrated
		11. Partsch mallets 18cm, 22mm dia, ss	Yes	Not demonstrated	Yes	Not demonstrated
		12. Probe 14 cm	Not meeting the specification	Not demonstrated	Yes	Not demonstrated
		13. Lucas chisel 16cm, 4mm	Yes	Not demonstrated	Yes	Not demonstrated
		14. Wooden case	Yes	Not demonstrated	Yes	Not demonstrated
		15. Spare blade for saw	Not meeting the specification	Not demonstrated	Yes	Not demonstrated
			Yes	Not demonstrated	Yes	Not demonstrated
27.	Dissection set	1. Stainless steel,	Yes	Not demonstrated	Yes	Yes

28.	scissors with sharp tip - straight	2. straight, with sharp tip,	Yes	Not demonstrated	Yes	Yes
		3. 6 ½ inches	Yes	Not demonstrated	Yes	Yes
29.	Stainless steel short scissors with blunt tip-straight	1. with blunt tip- Good quality	Yes	Not demonstrated	Yes	Yes
		2. 2. straight 4 ½ inches	Yes	Not demonstrated	Yes	Yes
30.	Stainless steel short scissors with blunt tip-curved	1. with blunt tip- Good quality curved 4 ½ inches	Yes	Not demonstrated	Yes	Yes
31.	Stainless steel short scissors with sharp tip-straight	1. Good quality with sharp tip-straight 4 ½ inches	Yes	Not demonstrated	Yes	Yes
32.	Enterotome	1. SS,	Not demonstrated	Not demonstrated	Yes	Yes
		2. hook blade with 8 inches	Not demonstrated	Not demonstrated	Yes	Yes
33.	Coronary scissors	1. SS ,	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		2. 7 inches	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		3. 40 degree angled	Not demonstrated	Not demonstrated	Yes	Not demonstrated
34.	Post-mortem chisel	1. 12mm,	Not demonstrated	Not demonstrated	Yes	Yes
		2. 6 ½ inches	Not demonstrated	Not demonstrated	Yes	Yes
35.	Skin cutting needle (Hagedorn needle)	1. curved,	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		2. 4 per packet	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		3. Size 4, 4 inches (100 mm),	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		4. stainless steel	Not demonstrated	Not demonstrated	Yes	Not demonstrated
36.	Needle holder	1. stainless steel,	Yes	Not demonstrated	Yes	Yes
		2. 8 inches, set of one	Yes	Not demonstrated	Yes	Yes
37.	Steel sieve large	1. Stainless Steel	Not demonstrated	Not demonstrated	Yes	Not demonstrated
		2. 200 mm diameter	Not demonstrated	Not demonstrated	Yes	Not demonstrated

38.	Glass funnel	Transparent Funnel with gradation	Not demonstrated	Not demonstrated	Yes	Not demonstrated
39.	Borosilicate glass beaker	1. (set of 3 -50ml, 100, 250 ml) with calibration subdivision 10 ml	Not demonstrated	Not demonstrated	Yes	Not demonstrated
40.	Examination cot	1. Over all approximate size 1890mm Lx 560 mm W x 840 mm H.	No details provided	No details provided	No details provided	No details provided
		2. Fixed upholstered top in two pieces of 56mm width, Rexin shall be of good quality, Mattress shall be U form of density 50.	No details provided	No details provided	No details provided	No details provided
		3.Thickness of sheets shall be 1.2mm. Thickness of frames shall be 2mm.	No details provided	No details provided	No details provided	No details provided
		4. Head rest adjustable on gas spring	No details provided	No details provided	No details provided	No details provided
		5. Upper section of box with three drawers. Dimension of drawers 30 Lx50 Wx10 H	No details provided	No details provided	No details provided	No details provided
		6. BP apparatus tray provided near head	No details provided	No details provided	No details provided	No details provided
		rest	No details provided	No details provided	No details provided	No details provided
		7. Should provide single foot step	No details provided	No details provided	No details provided	No details provided
		8. Pre-treated and powder coated for foot step.	No details provided	No details provided	No details provided	No details provided
		9. The entire examination table Pre-treated and powder coated.	No details provided	No details provided	No details provided	No details provided
10. Note: Material test certificate for the proof of SS 304 shall be furnished along with the invoice and the manufacturer shall also submit undertaking that the tested material is used for the	No details provided	No details provided	No details provided	No details provided		

		construction of the equipment supplied.	No details provided	No details provided	No details provided	No details provided
41.	Carbon Hammer	1. Sledge hammer,	Not demonstrated	Not demonstrated	Not demonstrated	Not demonstrated
		2. carbon steel material,	Not demonstrated	Not demonstrated	Not demonstrated	Not demonstrated
		3. High strength,	Not demonstrated	Not demonstrated	Not demonstrated	Not demonstrated
		4. Rust proof,	Not demonstrated	Not demonstrated	Not demonstrated	Not demonstrated
		5. long working life	Not demonstrated	Not demonstrated	Not demonstrated	Not demonstrated

II. The online price bid of the eligible tenderer mentioned above will be opened on 20.11.2024 @ 11.00 am at the e-tender portal.

Dr. Shibulal A
General Manager