



GOVERNMENT OF ANDHRA PRADESH

Quotation Notice

FOR

Procurement and supply Medical equipment to Uddanam Super Specialty and Kidney Care Research Centre, Palasa and Establishment of new Nutritional Rehabilitation Center (NRC), Munchingput ASR District (Erstwhile Vishakhapatnam) and other 7 centers in Andhra Pradesh

Quotation No. : QT07/APMSIDC/2023-24, Dt: 07.11.2023.

Name of the Agency :
.....
and Address
.....
.....

Implementing Agency :
ANDHRA PRADESH MEDICAL SERVICES & INFRASTRUCTURE DEVELOPMENT CORPORATION
(Formerly APMHIDC)
(AN ENTERPRISE OF GOVT. OF A.P.)
2nd Floor, Plot No:09, survey number: 49, IT Park, Mangalagiri,
Guntur District- 522503. Ph No: 8978644900
aphmhdc@gmail.com & ed.apmsidc16@gmail.com

Quotations are invited through sealed envelope cover for below mentioned items along with attached specifications on or before 14.11.2023 @ 03.00 PM and also requested to clearly mention Make & Model of the item.

Venue & Date and Time : O/o. APMSIDC, 2nd Floor, Plot No.09, Survey No. 49, IT Park, Mangalagiri, Guntur 522503. e-mail: aphmhidc@gmail.com & ed.apmsidc16@gmail.com

Delivery Period: 15 Days from date of issue of Purchase of Order.

Terms & Conditions:

Warranty Period: As mentioned in the specifications

Payment Terms:

- a) 100% of the contract value of the supply part after necessary deduction will be paid to the supplier on submission of copy of invoice with original Delivery Challan as proof of supply to destinations duly certified by the Head of the Institution.

Item Details:

Sl. No	Item Name	Qty	Specifications matched or not	Quoted Unit Price Rs.	Total Amount Rs.
1	Brushless Centrifuge 12 Tubes	2			
2	Incubator	2			
3	Ambu Bag-Paediatric	6			
4	Ambu Bag-Adult	6			
5	Bunsen Burner	1			
6	Colony Counter Digital	2			
7	Electrophoresis	1			
8	Spectrophotometer	1			
9	Brushless Centrifuge 8 tubes	1			
10	Rotor/ Shaker machine	2			
11	Roller Mixer	1			
12	VDRL shaker	1			
13	Fully automated Urinary Analyser	1			
14	MUAC tape	8			
15	Dietary scale	8			
16	Digital Thermometer	8			
17	Standing electronic weighing scale (more sensitive)	8			
18	Standing electronic weighing scale (less sensitive)	8			

Technical specifications:

1. Brushless Centrifuge 12 tubes

1. Description of Function: Centrifuges are required in the Laboratory to separate various components

of Blood and any other liquid sample for analysis

2. Operational Requirements Aerodynamic compact construction for vibration free performance Table

top version

3. Technical Specifications:

1. Tube Capacity: No.12 or more: Size 5 – 15 ml

2. Should have a digital timer Body

3. should be made of strong fabricated & corrosion resistant steel Control panel – for start/stop switch, dynamic brakes, step less speed regulator with zero start switch & speed indicator with timer and protective fuses.

4. Door interlock Maintenance-free brushless drive motor with exact speed preselection and display.

5. Speed range 100 to 6000 rpm and above, accuracy 1 rpm. RPM : Up to 4000-6000

4. System Configuration Accessories, spares and consumables:

Centrifuge complete with Swig and basic rotors and four buckets- 01 set

Tachometer-01 No.

Tube Holders as appropriate Power Supply Power input to be 220-240VAC, 50Hz as appropriate

fitted with Indian plug Voltage stabilizer/CVT of appropriate ratings meeting ISI Specifications

Standards, Safety and Training The supplier should be ISO certified for quality standards.

Should be FDA /CE/ UL / BIS approved product

Warranty 1 year

2. Incubator

1. The temperature should be controlled by the microprocessor based digital temperature controller

with LED Display along with provisional for manual thermometer recording

2. Inner Chamber Capacity : 120 L

3. Temperature Range : ambient to 800c

4. Interior Chamber : Stainless steel for easy cleaning and decontamination , rust free

5. Digital display of temperature and time

6. Timer : 1 minute to 100 hours and hold position

7. Heating and Natural convection for homogenous temperature distribution

8. Temp. accuracy : +/-10c
9. Inner chamber should have transparent glass / fiber door for observation
10. Minimum 2 adjustable shelves
11. Power 230+/- 10V, 50 Hz
12. The equipment should be ISO 13485 and CE

General Requirements:

- Warranty : Three (3) years warranty
- User / Technical / Maintenance Manuals in English to be supplied
- List of important spare parts and accessories with their part numbers
- Certificate of calibration and inspection from the manufacturer
- Attach original manufacturer's catalogue and specification sheet. Photocopy / computer print will not be accepted. All technical data to be supported with original product data sheet.
- Satisfactory working of quoted model from institute reputed Valid ISO 13485 and CE / BIS / USFDA

Warranty 1 year

3. Ambu Bag-Paediatric

Pediatric: - pediatric total bag volume (min 630 ml), made up of silicon material, 100% latex free, Unique single shutter valve , whole resuscitator bag along with Reservoir bag and mask must be auto clavable minimum 25 times(test reports to be provided), face mask should have thumb rest for proper seal, Bag should be ergonomic design with hand strap for firm grip. The patient valve with swivel facility. USFDA/CE and ISO certified.

Warranty 1 year

4. Ambu Bag-Adult

Adult: - Adult total bag volume (min 1450 ml), made up of silicon material, 100 % latex free, Unique single shutter valve, whole resuscitator bag along with Reservoir bag and mask must be auto clavable minimum 25 times (test reports to be provided) , face mask should have thumb rest for proper seal, Bag should be ergonomic design with hand strap for firm grip. The patient valve with swivel facility. USFDA, CE and ISO certified.

Warranty 1 year

5. Electric Bunsen Burner

1. Electrothermal Electric Bunsens combine the advantages of a regular gas burner with the clean, easy operation of our electric heaters.
2. Corrosion-resistant and cool-to-the touch base.
3. Radiation from the heater is directed upwards to a focal point.
4. The Electric Bunsen is ideal for heating test tubes, crucibles, small flasks and beakers, regardless of their shape.
5. To control the heating of resistive loads such as Electric Bunsen, Heating Mantles, Heating

Tapes and Cords for bench top operation delivering up to a maximum of 800 watts.

6. A rod support clamp is provided at the rear of the controller to take a standard 12.5mm diameter rod.
7. Conical shaped heating element directs radiant heat to the top cavity
8. Top cowl deflects heat away from your hand
9. Air circulation from the vented housing keeps the base cool enough to hold during operation
10. 230v 50/ 60Hz, 480W

Warranty 1 year

6. DIGITAL COLONY COUNTER

1. DIGITAL COLONY COUNTER is used for Counting colonies and measuring inhibition zone sizes for determination of microbial count
2. It should provide uniform, lighting of round or square culture dish up to 100 mm wide.
3. Viewing area is illuminated obliquely by a peripheral metal reflector.
4. Field is magnified by a 1 to 7 mm lens, mounted adjustably on panel.
5. It should provide a manual electrode which used to touch the surface of culture colony at each point being counted
6. Count is totalized automatically on a 5 digit register, reading to 99,999
7. A pushbutton to reset to zero.
8. All consumables required for installation and standardization of system to be given free of cost.
9. Power input to be 220-240VAC, 50Hz fitted with Indian plug
10. Should be FDA or CE or BIS approved product
11. Warranty 1 year

7. Electrophoresis machine

VERTICAL GEL ELECTROPHORESIS

1. No. of gels: 2
2. cassette size: 9-10 x 8-9cm
3. Glass plate size: 10cm X 10cm
4. Short plate : 10-11 x 7-8 cm
5. Spacer plate: 10-10.5 x 8-9 cm
6. Total buffer volume: up to 1000 ml
7. Typical run time: up to 45 minutes
8. It Should be supplied with combs (various sizes), glass plates, Casting stands, casting frames, sample loading guide, electrode assembly, tank, lid with power cables, buffer dam
9. Mini horizontal electrophoresis System
10. Cell size: 9-10 x 25-27 x 5-6cm

11. Sample Through put : 8 – 30
12. Base buffer volume : 270 ml
13. Gel Tray Size: 7-8 x 10 cm
14. Should be supplied with gel caster, UV-transparent plastic tray with compatible size, combs: at least with 8 & 15 well

POWER PACK

1. Voltage: 10-300 volt
2. Current: 4-400 mA
3. Power : 75-100 watt
4. Timer: 1- 999 minutes.
5. Output should be provided for 4 sets in parallel, LED display etc.
6. The power pack should have: No load detection, sudden load change detection, overload and short circuit detection, over load protection.
7. Constant voltage and constant current output
8. The capability to pause and resume the electrophoresis run

Warranty 1 year

8. UV/VIS Spectrophotometer

1. Table top Spectrophotometer
2. Light Source: Xenon lamp
3. Dual-beam uv-vis
4. Wavenumber Range: 230-750 nm
5. Wavelength resolution: less than 5 nm
6. Wavelength accuracy: less than 1nm
7. Spectrophotometer should be supplied with a Notebook computer that is adaptable for analysis of kinetic applications. Minimum Specification of notebook are RAM4 GB DDR3, HDD Capacity500 GB HDD, Processor Intel Core i3, 1.7 GHz 3 MB cache, Screen Size 15.6 inch.
8. Compatible for wavelength scanning, presorted life science methods, and fixed wavelengths, kinetics and standard curves.
9. Software should enable calculations of measured data and secure login to protects individual method controls for multiple users.
10. Data can be exported to a PC.
11. Ability for kinetics applications with full scanning capabilities.
12. Modes of operation should include Scanning, Time (Kinetics) and Photometry
13. To be controlled by the operating software
14. For kinetic analysis too generate output through a Windows-based modular software.

Warranty 1 year

9. Brushless Centrifuge 8 tubes

5. Description of Function: Centrifuges are required in the Laboratory to separate various components of Blood and any other liquid sample for analysis

6. Operational Requirements Aerodynamic compact construction for vibration free performance
Table top version

7. Technical Specifications :

6. Tube Capacity :No.8 or more :Size 5 – 15 ml

7. Should have a digital timer Body

8. should be made of strong fabricated & corrosion resistant steel Control panel – for start/stop switch, dynamic brakes, step less speed regulator with zero start switch & speed indicator with timer and protective fuses.

9. Door interlock Maintenance-free brushless drive motor with exact speed preselection and display.

10. Speed range 100 to 6000 rpm and above, accuracy 1 rpm. RPM : Up to 4000-6000

8. System Configuration Accessories, spares and consumables:

Centrifuge complete with Swig and basic rotors and four buckets- 01 set

Tachometer-01 No.

Tube Holders as appropriate Power Supply Power input to be 220-240VAC, 50Hz as appropriate fitted with Indian plug Voltage stabilizer/CVT of appropriate ratings meeting ISI Specifications

Standards, Safety and Training The supplier should be ISO certified for quality standards.

Should be FDA /CE/ UL / BIS approved product

Warranty 1 year

10. Rotor/Shaker

Product Quality Standard:

1. Manufactured with ISO Certified material for quality standards

2. Applicable for researches on bacteria cultivation, fermentation, hybridization, chemical and biochemical reaction

Technical Specification

1. Small type Gyrotron oscillator Heating type Constant temp type

2. Shaking Speed Range 50~250r/min 20~300r/min 20~250r/min 20~300r/min

3. Amplitude:10 to 20mm

4. Temperature Range: - RT5~100C RT+5~65C

5. Display Resolution 0.1C

6. Platform Size :450x450(mm)

7. Timing Range 1~9999min

Power Supply: Should work with 220-240 V AC, 50Hz power supply having Indian plug

Warranty 1 year

11. Roller Mixer

- 1 Motor type: BLDC motor
- 2 Motion: Rocking & Rolling
- 3 Max. Loading capacity: 2 Kg
- 4 Number of tubes: 12-18 x 7ml Blood
- 5 Roller size: 30 x 327 mm
- 6 Speed range: 10 to 100 RPM
- 7 Timer range: 1 to 99 mins
- 8 Operation type: Continuous & timed operation
- 9 Tilt angle: +3°
- 10 Electrical: 220-240V, 50 Hz, Single Phase
- 11 Warranty 1 year

12. VDRL shaker

- 1 Should be a table top model with platform size 300x300mm(15%DeviationsAcceptable).
 - 2 Should be suitable for wide variety of rotating and mixing applications.
 - 3 Should have built-in 0 to 30 minutes digital timer. 3 Speed Range 100-350 RPM
 - 4 Should work with input 200 to 240Vac 50 Hz supply.
 - 5 Should be provided with Automatic timer and uniform speed.
 - 6 Should be provided with Digital RPM Meter with proximity sensor
 - 7 Should be provided with platform rubber discs and smooth mixing (Non-slip rotating base)
- Warranty 1 year

13. Urine analyser-fully

1. The analyser should be compact benchtop, fully automated integrated urine analyser, integrating urine chemistry and urine sediment analysis.
2. Chemistry parameters required to be provided should be glucose, protein, blood, bilirubin, urobilinogen, ph, ketones, nitrate, leukocyte, creatinine & albumin.
3. Additional instrument parameters should have specific gravity, turbidity & colour.
4. The analyser should be based on fluorescence flowcytometry/Digital flowcytometry for accurate measurement of urine parameters such as rbc, wbc, epithelial cells, cast and Bacteria.
5. The instrument should provide scattergrams and histograms or actual images for easy interpretation.
6. The analyser should provide additional rbc information, uti information and conductivity.
7. The analyser should have user friendly software with cross check function.
8. The analyser should have a throughput 100 samples / hour (chemistry) & 50 samples / hour (sediment analysis).
9. The equipment should have a storage of 200 test strips at a time with continuous loading for true

walkaway analysis.

10. The equipment should be capable of analysis in both manual and sampler mode.

11. Sampler should have the capacity of 60 sample tubes and internal barcode for sample identification

12. Controls should be available for both chemistry and sediment analysis

13. Data storage of 10000 samples including graphics & multiple qc files, with 300 data points each should be available.

14. The equipment should have interface for output to printer or transmitted to LIS / HIS and it would be the responsibility of the supplier to do the interfacing.

Warranty 1 year

14. MACU tape

1. Measurement range: Upto 26.5cm.

2. Graduation: 1mm.

3. Color coded: Red (sever) 0-11.5cm; Yellow (moderate) 11.5-12.5cm; green (normal) 13.5-26.5cm.

Warranty 1 year

15. Dietary Scale

Scale size: 8.5" (D) x 6.75" (W) x 1.5" (H)

Weighing units: grams, carats, grains, ounces.

Capacity: 1000 grams.

Platform size: 5" in diameter.

Platform material: Stainless Steel.

LCD size: 2" x 1"

Power: 4 x AA Batteries and AC Adaptor (included)

Accuracy: 0.1 gram.

Warranty 1 year

16. Thermometer Digital Thermometer:

System should have minimum 4-digit display with 0.1 increment

Should have degree Celsius and Fahrenheit display

Measurement Accuracy: ± 0.10 C (32 to 42 C), $+0.2$ F (89.6 to 107.6 F) Measurement

Range: 32 to 42 C (89.6 to 107.6 F)

Sensing unit should be thermistor or equivalent

Should work with a battery and lasts for a minimum measurement of 1000 readings (10min operation each).

Warranty 1 year

17. Standing electronic weighing scale (more sensitive)

Capacity- 20 kg.

Graduation- 5 g <10 g >10 g

Function- TARE, auto-HOLD, automatic switch-off.

Warranty 1 year

18. Standing electronic weighing scale (less sensitive)

Capacity- 15 kg.

Graduation- 5 g <10 g >10 g

Function- TARE, auto-HOLD, automatic switch-off.

Warranty 1 year

**ANDHRA PRADESH MEDICAL SERVICES & INFRASTRUCTURE DEVELOPMENT
CORPORATION (APMSIDC)**

GENERAL INFORMATION ABOUT THE SUPPLIER

Name of the Supplier

Registered address of the
firm

State:

District

Telephone. No.

Fax. No.

Email.

3	Address			
	State		District	
	Telephone No.		Fax	
	Email		Website	

Type of Firm (Please relevant box)

4	Private Ltd.	<input type="checkbox"/>	Public Ltd.	<input type="checkbox"/>	Proprietorship	<input type="checkbox"/>
	Partnership	<input type="checkbox"/>	Society	<input type="checkbox"/>	Others, specify	<input type="checkbox"/>
	Registration No. & Date of Registration.					
Nature of Bussiness (-lease <input type="checkbox"/> relevant box)						
5	Original Equipment Manufacturer		<input type="checkbox"/>	Authorized Dealer /Representative		<input type="checkbox"/>
	Direct Importer		<input type="checkbox"/>	Others, specify.		<input type="checkbox"/>