KERALA MEDICAL SERVICES CORPORATION LTD
(A Government of Kerala Undertaking)
Thycaud P.O, Thiruvananthapuram - 14, Kerala.
Tel: 0471 - 2945600, 2337353, Fax: 0471 - 2945647
Email :engg_ep@kmscl.kerala.gov.in
CIN: U24233KL200TSGC021616, PAN : AADCK4029M, GSTIN : 32AADCK4029M1ZK

Running Contract Details	
Equipment Name	Tympanometer
Running Contract Valid Till	27-02-2021
Tender Ref No	KMSCL/EP/T307/1297/2019(R)
Tendered Quantity	16
Supplier Name	M/s Alliance Biomedica Pvt. Ltd
GST No	33AACCA4937D1Z3
Installation & Delivery Period	8 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	3 Years

Supplier`s Details		
Address	**Contact Details**	
Flat No. 15 â€œAshirwadâ€• New No. 30 (Old No. 12) Puliyur First Lane Trustpuram. TamilNadu Chennai â€“ 600024	Contact Person	J. KUMAR
	Phone	044 24803704 / 23725299
	Mobile No	09840215864
	Email	jkumar@alliancebiomedica.com,info@alliancebiomedica.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	**Tympanometer** *Model & Make : GSI Tympstar Pro / Grason-Stadler (GSI)*	448999.95 Incl.GST :5%	35321.33	484321.28
		448999.95	**35321.33**	**484321.28**

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	**4th Year**	**5th Year**	**6th Year**	**7th Year**	**8th Year**	**9th Year**	**10th Year**
Tympanometer							
Labour	8,552.00	8,980.00	9,429.00	9,900.00	10,395.00	10,915.00	11,461.00
Comprehensive	12,829.00	13,470.00	14,143.00	14,851.00	15,593.00	16,373.00	17,192.00

Other terms & conditions

1. The supplier shall execute an agreement with the purchaser as per tender conditions (agreement format is given in the tender document).

2. The supplier shall submit performance security amounting to 5% of the value of the supply order.

3. The labour & comprehensive charges of equipment after the completion of warranty period is finalized by KMSCL as mentioned above.

4. Since discount rate is not applicable for equipment under Running Contract of KMSCL, purchase/supply order can be issued directly to supplier at the given rate with tax & other charges (exclusive of KMSCL service charges).

5. If purchase/supply order is issued directly to the supplier, KMSCL service charge need not be paid. But the copy of the said order may be forwarded to KMSCL for information.

Technical Specification

Equipment :Tympanometer

1) The system should have the capacity to perform the following tests:

a) Diagnostic Tympanometry

b) Acoustic Reflex Threshold

c) Reflex Decay

d) Eustachian Tube Function (Intact & Perforated)

e) Special Tests like:

i) Two-Component Tympanometry,

ii) Acoustic Reflex Latency Test and Reflex Sensitization

2) The Tympanometry should have the following protocols like Diagnostic, Screening and should be User Defined.

3) The System must have pre-programmed testing protocols.

4) System should have the facility for storing up to 25 test results in its internal memory.

5) Probe Tone: 226 Hz,678 Hz ,1000 Hz

6) Admittance Measurements:

a) Range

i) 226 Hz (-10 to + 10 mmho)

ii) 678 Hz (-21.0 to+ 21 mmho)

iii)1000 Hz (-32.0 to+ 32 mmho)

7) Pressure Measurements (Load Volume of 0.2 to 7.0 ml):

a) Range : Normal = +200 to -400 da Pa

Wide = +400 to -600 da Pa

b) Sweep Rate : 12.5, 50.0, 200, 600 and 600/200 da Pa/sec, 200 daPa/Sec.

c) Maximum limits : -800 da Pa and + 600 da Pa.

(in 0.5 cc Cavity)

8) Reflex Measurements :

a) Stimuli : 250,500, 1K, 2 K, 4K, BBN,

LBN & HBN,

Click (100 microseconds pulse), External

Input,

Non –acoustic.

b) Noise Signals : (3 dB band widths)

c) Low Band (LBN) : 400 - 1,600 Hz

d) High Band (HBN) : 1,600 - 4,000 Hz

e) Broad Band (BBN) : 400 - 4,000 Hz

f) Intensity Range : 35 to 120 dB HL

g) Step Size : 1dB, 2dB, 5 dB

9) System should have built in Large and colour LCD Display with touch screen.

10) The system must have the following features:

a) Pre-programmed default parameters for each test mode.

b) Ability to change default parameters.

c) Automated sequence programmability or manual sequencing.

d) The Sensitivity Scales must automatically be determined based on peak amplitude.

e) The Test tracings, ECV and Pressure Meter are displayed in real-time on the monitor.

f) Ability to overlay multiple (up to three) tracings.

g) Ability to choose between automatic or manual time tone presentations.

h) To Display the time interval between onset of acoustic stimulus and onset of stapedius contraction.

i) Peak Pressure value from the tympanogram must be maintained for Reflex Testing & also must be capable for the manual adjustment.

j) Able to automatically (or) manually seek and mark the threshold level.

k) Ability to do the ARLT display with the following parameters:

i. Initial Latency (Li)

ii. Terminal Latency (Lt)

iii. Rise Time (tr)

iv. Fall time (tf)

l) To use in pre-operative and post-operative evaluations:

i. Two-component Tympanometry.

ii. View tracings in B/G format for each frequency.

11) Probe should be light weight.

12) The System should have NAOH- Compatibility for easy data management.

13) The System should have option of external direct printing.

14) The system should have HDMI out for external monitor

15) The system should have facility to connect wireless keyboard.

16) Must supply 5 boxes of ear tips of all sizes.

17) Should have safety certificate from a competent authority CE issued by a notified body registered in European commission / FDA (US) / STQC CB certificate / STQC S certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate / test report shall be produced along with the technical bid.