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

Running Contract Details	
Equipment Name	TEST KIT FOR NEW BORN SCREENING PROGRAME (IMMUNO FLUROSENCE METHOD)
Running Contract Valid Till	20-01-2027
Tender Ref No	KMSCL/EP/T552/1002C2/2024
Tendered Quantity	Item wise mentioned in below
Supplier Name	M/s Trivitron Healthcare Pvt Ltd
GST No	33AAACT9378H1Z1
Installation & Delivery Period	8 Week(s)
Up-time / PM vist	95% & 0 Visits per year
Warranty period	0 Years

Supplier`s Details		
Address	**Contact Details**	
No.15 Abhirmapuram IVth Street Chennai- 600018	Contact Person	Devdatta Wadekari, R. Balasubramanian
	Phone	
	Mobile No	08828991101,08291282826
	Email	corporate@trivitron.com , navjot.singh@trivitron.com

Item-wise Price Details

#	Item Details	Tendered Qty	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	**Neonatal TSH Immuno flurosence Kit**	425000	41186.25 Incl.GST :5%	3239.99	44426.24
2	**17-OHP Immuno flurosence Kit**	425000	41186.25 Incl.GST :5%	3239.99	44426.24
3	**G6PD Deficiency Detection Kit-Immuno flurosence Kit**	425000	41186.25 Incl.GST :5%	3239.99	44426.24
4	**Galactosemia detection kit (Immuno flurosence)**	425000	41186.25 Incl.GST :5%	3239.99	44426.24
5	**Elution Buffer**	425000	0 Incl.GST :0%	0	0
6	**Filter Plate**	425000	0 Incl.GST :0%	0	0

Item-wise Price Details					
7	**Phenyl Ketonuria Immuno flurosence Kit**	425000	41186.25 Incl.GST :5%	3239.99	44426.24
			205931.25	**16199.93**	**222131.18**

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 5.00% 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 :Neonatal TSH Immuno flurosence Kit

Technical Specification

Equipment: Test kit for New Born Screening Programme (Immuno Fluorescence Method)

I. Test Kits

1. Test Kits to perform 4,25,000 samples (Taken for evaluation)

a. Neonatal TSH – Immuno Flurosence Kit
b. 17 OHP – Immuno Flurosence kit
c. G6PD deficiency detection kit (Immuno Flurosence)
d. Galactose – Immuno Flurosence Kit

1. Calibrators and control solution should be supplied as part of the kit.
2. Should provide suitable software for calculation of the four parameters.
3. The supplied test kits and reagents shall have CE -IVD/ FDA approval
4. All the items supplied should have minimum 6 months shelf life at the time of supply. The bidder has to replace the kits which are nearing expiry and also should replace expired kits at free of cost which is informed within one month after the date of expiry.
5. The firm should provide training to the concerned hospitals staff as well as lab staff as per their requirement
6. The L1 bidder should install brand new Immuno Analyzer free of cost during the contract period in 4 testing Public Health laboratories across Kerala
7. The L1 bidder should install brand new Immuno Analyzer within 8 weeks from the date of issue of LOI of test kits.
8. Rate of test Kits to perform 4,25,000 samples of Phenyl Ketonuria Immuno Flurosence Kit, if available (Not taken for evaluation)

I. Specification for Fully Automated Immuno Analyzer

1. The system should be automated and should be based on fluorescence technology
2. Should be a standalone system for complete New Born screening assay like G6PD, TSH, 17 OHP and Galactose from dried blood spot and also capable of expanding to any new upcoming assays
3. The entire work flow needs to be automated as follows;

There should be systems for Barcoding, Puncturing and Sample analysis. The patient data should be transferred in between these systems. The facility(hardware and software) to upload the end sample result to any given Govt. portal/ software should be available and should be provided as and when required

1. System should have the capacity to process at least 12 plates or more at a time
2. Should be capable of sample identification throughout the assay either by sample position or bar coding. Manual bar coding / ID number entry should be possible in the automated machine placed along with the kits
3. Software for automatic management to the process pre analysis and post analysis and elaboration of patient data, result by profile, quality control, cutoff,calculation etc should be provided
4. The backup instrument to the user as per requirement should be provided
5. The instrument and the kits should have certificate from a competent authority CE - IVD issued by a notified body registered in the European commission / FDA (US) for in-vitro diagnostic applications. Copy of the certificate/ test report shall be produced along with the technical bid
6. Complete and detailed set of operation and service manuals including reagent kits shall be supplied with the system
7. Should provide onsite training till the technical personnel familiarize with the instrument
8. The kits which require overnight incubation methods will not be selected.
9. The equipment should be supplied with suitable UPS
10. Suitable capacity RO water system should be supplied free of cost
11. Should provide a laser printer
12. Should provide a suitable capacity of air conditioner to the equipment room if required

Equipment :17-OHP Immuno flurosence Kit

Technical Specification

Equipment: Test kit for New Born Screening Programme (Immuno Fluorescence Method)

I. Test Kits

1. Test Kits to perform 4,25,000 samples (Taken for evaluation)

a. Neonatal TSH – Immuno Flurosence Kit
b. 17 OHP – Immuno Flurosence kit
c. G6PD deficiency detection kit (Immuno Flurosence)
d. Galactose – Immuno Flurosence Kit

1. Calibrators and control solution should be supplied as part of the kit.
2. Should provide suitable software for calculation of the four parameters.
3. The supplied test kits and reagents shall have CE -IVD/ FDA approval
4. All the items supplied should have minimum 6 months shelf life at the time of supply. The bidder has to replace the kits which are nearing expiry and also should replace expired kits at free of cost which is informed within one month after the date of expiry.
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6. Complete and detailed set of operation and service manuals including reagent kits shall be supplied with the system
7. Should provide onsite training till the technical personnel familiarize with the instrument
8. The kits which require overnight incubation methods will not be selected.
9. The equipment should be supplied with suitable UPS
10. Suitable capacity RO water system should be supplied free of cost
11. Should provide a laser printer
12. Should provide a suitable capacity of air conditioner to the equipment room if required

Equipment :G6PD Deficiency Detection Kit-Immuno flurosence Kit

Technical Specification

Equipment: Test kit for New Born Screening Programme (Immuno Fluorescence Method)

I. Test Kits

1. Test Kits to perform 4,25,000 samples (Taken for evaluation)

a. Neonatal TSH – Immuno Flurosence Kit
b. 17 OHP – Immuno Flurosence kit
c. G6PD deficiency detection kit (Immuno Flurosence)
d. Galactose – Immuno Flurosence Kit

1. Calibrators and control solution should be supplied as part of the kit.
2. Should provide suitable software for calculation of the four parameters.
3. The supplied test kits and reagents shall have CE -IVD/ FDA approval
4. All the items supplied should have minimum 6 months shelf life at the time of supply. The bidder has to replace the kits which are nearing expiry and also should replace expired kits at free of cost which is informed within one month after the date of expiry.
5. The firm should provide training to the concerned hospitals staff as well as lab staff as per their requirement
6. The L1 bidder should install brand new Immuno Analyzer free of cost during the contract period in 4 testing Public Health laboratories across Kerala
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I. Specification for Fully Automated Immuno Analyzer

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8. The kits which require overnight incubation methods will not be selected.
9. The equipment should be supplied with suitable UPS
10. Suitable capacity RO water system should be supplied free of cost
11. Should provide a laser printer
12. Should provide a suitable capacity of air conditioner to the equipment room if required

Equipment :Galactosemia detection kit (Immuno flurosence)

Technical Specification

Equipment: Test kit for New Born Screening Programme (Immuno Fluorescence Method)

I. Test Kits

1. Test Kits to perform 4,25,000 samples (Taken for evaluation)

a. Neonatal TSH – Immuno Flurosence Kit
b. 17 OHP – Immuno Flurosence kit
c. G6PD deficiency detection kit (Immuno Flurosence)
d. Galactose – Immuno Flurosence Kit

1. Calibrators and control solution should be supplied as part of the kit.
2. Should provide suitable software for calculation of the four parameters.
3. The supplied test kits and reagents shall have CE -IVD/ FDA approval
4. All the items supplied should have minimum 6 months shelf life at the time of supply. The bidder has to replace the kits which are nearing expiry and also should replace expired kits at free of cost which is informed within one month after the date of expiry.
5. The firm should provide training to the concerned hospitals staff as well as lab staff as per their requirement
6. The L1 bidder should install brand new Immuno Analyzer free of cost during the contract period in 4 testing Public Health laboratories across Kerala
7. The L1 bidder should install brand new Immuno Analyzer within 8 weeks from the date of issue of LOI of test kits.
8. Rate of test Kits to perform 4,25,000 samples of Phenyl Ketonuria Immuno Flurosence Kit, if available (Not taken for evaluation)

I. Specification for Fully Automated Immuno Analyzer

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9. The equipment should be supplied with suitable UPS
10. Suitable capacity RO water system should be supplied free of cost
11. Should provide a laser printer
12. Should provide a suitable capacity of air conditioner to the equipment room if required

Equipment :Elution Buffer

Technical Specification

Equipment: Test kit for New Born Screening Programme (Immuno Fluorescence Method)

I. Test Kits

1. Test Kits to perform 4,25,000 samples (Taken for evaluation)

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b. 17 OHP – Immuno Flurosence kit
c. G6PD deficiency detection kit (Immuno Flurosence)
d. Galactose – Immuno Flurosence Kit

1. Calibrators and control solution should be supplied as part of the kit.
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10. Suitable capacity RO water system should be supplied free of cost
11. Should provide a laser printer
12. Should provide a suitable capacity of air conditioner to the equipment room if required

Equipment :Filter Plate

Technical Specification

Equipment: Test kit for New Born Screening Programme (Immuno Fluorescence Method)

I. Test Kits

1. Test Kits to perform 4,25,000 samples (Taken for evaluation)

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c. G6PD deficiency detection kit (Immuno Flurosence)
d. Galactose – Immuno Flurosence Kit

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11. Should provide a laser printer
12. Should provide a suitable capacity of air conditioner to the equipment room if required

Equipment :Phenyl Ketonuria Immuno flurosence Kit

Technical Specification

Equipment: Test kit for New Born Screening Programme (Immuno Fluorescence Method)

I. Test Kits

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