



अखिल भारतीय आयुर्विज्ञान संस्थान, रायपुर (छत्तीसगढ़)
All India Institute of Medical Sciences, Raipur (Chhattisgarh)
 Tatibandh, GE Road, Raipur-492 099 (CG)
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Date: 16-07-2019

CORRIGENDUM

Tender No. AIIMS/R/CS/Bio/18/03-126/OT (Tender ID: 2019_IMSRP_481009_1)

Tender for “Supply & Installation of Fully Automatic Chemiluminescence Immunoassay Analyzer” for Dept. of Biochemistry, AIIMS, Raipur.

Sr. No.	NIT Clause/ point etc.	Existing Parameters		To be read as /addenda	
		Sr. No.	Item Description	Sr. No.	Item Description
1	NIT Technical Specification Page no. 16 & 17	1	System should be fully automated random access chemiluminescence's immunoassay analyzer using the principle of continual glow enzyme mediated chemiluminescence's technology.	1	System should be fully automated random access chemiluminescence's immunoassay analyzer using the principle of enzyme mediated chemiluminescence's technology.
		2	System should have assay kits of more than 100 different parameters like all hormones, tumor markers, cardiac markers, skeletal markers etc.	2	System should have assay kits of more than 50 different parameters like all hormones, tumor markers, cardiac markers, skeletal markers etc.
		3	The system should be capable of testing and reporting all the required parameters for Double Marker, Triple Marker and Quadruple Marker and speciality parameters like Anti-Mullerian hormone (AMH), P2PSA, Inhibin A, unconjugated estriol E3, estradiol etc.	3	The system should be capable of testing and reporting all the required parameters for Double Marker, Triple Marker and Quadruple Marker and speciality parameters like Anti-Mullerian hormone (AMH), Inhibin A, unconjugated estriol E3, estradiol etc. along with compatible prenatal screening software for the duration of warranty & CMC.
		4	System should be able to perform Routine & STAT assays.	4	System should be able to perform Routine & STAT assays.
		5	The Equipment should have a Throughput of not less than 200 tests per hour.	5	The Equipment should have a throughput of not less than 200 tests per hour.
		6	Should have at least two Precision Syringes for accurate delivery of Samples and Reagents.	6	Should have at least two Precision Syringes for accurate delivery of Samples and Reagents.
		7	System should have unique aliquot capability to improve lab workflow and prevent reloading of samples. Facility for onboard dilution and reflex dilution for high and abnormal sample.	7	System should have facility for onboard dilution and reflex dilution for high and abnormal sample with automatic calculation.
		8	System should have Load 'On the Fly' concept for continuous Loading of Samples and Reagents.	8	System should have continuous Loading of Samples and Reagents without interrupting analyzer processing.
		9	System should have on-board refrigeration of reagents with at least 30 reagent positions. At least 30 parameters can be done at one time.	9	System should have on-board refrigeration of reagents with at least 30 reagent positions where at least 30 parameters can be done at one time.
		10	System should have barcode facility for reagents and samples.	10	System should have barcode facility for reagents and samples.
		11	To minimize evaporation effects in case of reagents, the reagent bottle should be automatically opened and closed onboard the analyzer after use.	11	To minimize evaporation effects in case of reagents, the reagent bottle should be automatically opened and closed onboard the analyzer after use.
		12	System should have short incubation (not more than 20 minutes) and small sample volume.	12	System should have short incubation (not more than 20 minutes) and small sample volume.

Sr. No.	NIT Clause/ point etc.	Existing Parameters		To be read as /addenda	
		Sr. No.	Item Description	Sr. No.	Item Description
1	NIT	13	System should have facility to process various body fluids like serum, plasma, urine etc.	13	System should have facility to process various body fluids like serum, plasma, urine etc.
		14	System should have facility for detection of clot, bubble, viscosity, inadequate sample or obstruction detection for primary pipettor.	14	System should have facility for detection of clot, bubble, viscosity, inadequate sample or obstruction detection for primary pipettor.
		15	System should have disposable tip sampling system/effective wash technique to prevent carry over.	15	System should have disposable tip sampling system/effective wash technique to prevent carry over.
		16	System should have on-board inventory management and must have a low consumable cost. Consumable cost required for 100 samples, inclusive of calibration and QC, for 30 parameters may be provided.	16	System should have on-board inventory management and must have a low consumable cost. Consumable cost required for 100 samples, inclusive of calibration and QC, for 30 parameters may be provided.
		17	Inbuilt QC system to monitor the quality of result obtained.	17	Inbuilt QC system to monitor the quality of result obtained.
		18	Should have the self-diagnosis and error recovery system with on board operation guides for efficient trouble shooting purpose.	18	Should have the self-diagnosis and error recovery system with on board operation guides for efficient trouble shooting purpose.
		19	Equipment must have an integrated Water and Probe Wash system. Centrifugal Washing technique and Automatic reagent level indication by Sensors.	19	Equipment must have an integrated Water and Probe Wash system/Centrifugal Washing technique and Automatic reagent lever indication by Sensors.
		20	System should have Audible and Visual Alarms for all error messages.	20	System should have Audible and Visual Alarms for all error messages.
		21	Firm should include startup kits of fT4, fT3, TSH, PSA, B12, folic acid, cortisol, ferritin, CA 125 each of 100 test along with calibrators, control & standard accessories for standardization of instrument.	21	Firm should include startup kits of any of the parameters which is to be started by the Department each of 100 test along with calibrators, control & standard accessories for standardization of the parameter.
		22	The Equipment should have flexible Windows based software; LIS interface and real time system monitoring. Optional Bar Coding & Color Coding with State of the Art Software. The Equipment should be managed by a Computer and have RS232 interface, software for control. Date evaluation & management. Extensive QC graphics including L-J plots QC management. The Specification of the computer should be having a microprocessor of speed not less than 3.0 GHz, 4 GB RAM, 500 GB HDD, scroll mouse, CD/DVD R/W Drive with 17" TFT/LCD Color Monitor with Windows Operating system and compatible Laser jet printer for documentation having minimum 600 DPI resolution, not less than 12 pages per minute speed.	22	The Equipment should have flexible Windows based software; LIS interface and real time system monitoring. Optional Bar Coding & Color Coding with State of the Art Software. The Equipment should be managed by a Computer and have RS232 interface, software for control. Date evaluation & management. Extensive QC graphics including L-J plots QC management. The Specification of the computer should be having a microprocessor of speed not less than 3.0GHz, 4GB RAM, 500GB HDD, scroll mouse, CD/DVD R/W Drive with 17" TFT/LCD Color Monitor with Windows Operating system and compatible Laser jet printer for documentation having minimum 600 DPI resolution, not less than 12 pages per minute speed. Instrument should be compatible with our LIS/HIS (bidirectional interface).
		23	System should be provided with Compatible on line UPS with at least one hour battery backup along with appropriate Laser printer.	23	System should be provided with Compatible on line UPS with at least one hour battery backup along with appropriate Laser printer.
		24	System should store up-to 200000 test results for easy access to patient information.	24	System should store up-to 200000 test results for easy access to patient information.
		25	The price of all consumables, system configuration accessories and spare parts should be quoted separately unit wise and the price should be frozen for the next 5 year along with pack size.	25	The price of all consumables, system configuration accessories and spare parts should be quoted separately unit wise and the price should be frozen for the next 5 year along with pack size.
		26	Power Supply - Power input to be 220-240V AC, 50Hz.	26	Power Supply - Power input to be 220-240V AC, 50Hz.
27	Environmental factors - The unit shall be capable of operating in ambient temperature of 5-40 C and relative humidity of less than 70%.	27	Environmental factors - The unit shall be capable of operating in ambient temperature of 5-40 ⁰ C and relative humidity of less than 70%.		

Sr. No.	NIT Clause/ point etc.	Existing Parameters		To be read as /addenda	
		Sr. No.	Item Description	Sr. No.	Item Description
1	NIT	28	Standard, Safety and Training - Attach original manufacturer's product catalogue and specification sheet. Photocopy/computer print will not be accepted. All technical data to be supported with original product data sheet. Please quote page number on compliance sheet as well as on technical bid corresponding to technical specifications.	28	Standard, Safety and Training - Attach original manufacturer's product catalogue and specification sheet. Photocopy/computer print will not be accepted. All technical data to be supported with original product data sheet. Please quote page number on compliance sheet as well as on technical bid corresponding to technical specifications.
		29	Certification - Should have BIS/European CE/USFDA certification.	29	Certification - Should have BIS/ European CE/USFDA certification.
		30	The analyzer should be provided with R.O. System.	30	RO system if required must be provided by the vendor and the installation and maintenance must be taken-care by the vendor.
		31	Installation and demonstration of the analyzer, R.O. System and UPS with batteries should be done by the vendor.	31	Installation and demonstration of the analyzer, R.O. System and UPS with batteries should be done by the vendor. Training of the equipment to all end users with all the requested facilities is mandatory.
		32	Must support remote monitoring and e-service facility.	32	Must support remote monitoring and e-service facility.
		33	Warranty period of 5 years followed by CMC for 5 years (spare parts and maintenance) of the Analyzer, RO water plant and UPS with batteries provided with it.	33	Warranty period of 5 years followed by CMC for 5 years (spare parts and maintenance) of the Analyzer, RO water plant and UPS with batteries provided with it.
		34	The system should be provided with R.O. system and its installation and daily maintenance must be taken care of by the vendor.	34	To be omitted
2	NIT Page No. 2	Bid Submission End Date: 16-07-2019, 03.00 P.M.		Bid Submission End Date: 23-07-2019, 03.00 P.M.	
3	Critical Dates	Bid Opening Date: 17-07-2019, 03.30 P.M.		Bid Opening Date: 24-07-2019, 03.30 P.M.	

Note:

1. All other terms & Conditions will remain unchanged.
2. Corrigendum must be uploaded along with technical bid as acceptance.

Stores Officer,
Central Store,
AIIMS, Raipur