



Republic of the Philippines
Department of Agriculture

SUGAR REGULATORY ADMINISTRATION

Sugar Center Bldg., North Avenue, Diliman, Quezon City, Philippines 1101

TIN 000-784-336

Website: <http://www.sra.gov.ph>

Email Address: srahead@sra.gov.ph

Tel No. (632) 8929-3633, (632) 3455-2135, (632) 3455-3376



SUPPLEMENTAL/BID BULLETIN NO. 1

Supply and Delivery of Real-Time PCR (qPCR Machine)

Bid Reference No. 2023-SIDA-01

With reference to the Bidding Documents for the Supply and Delivery of **Real-Time PCR (qPCR Machine)**, posted at the PhilGEPS and SRA websites, this Supplemental/Bid Bulletin is being issued to clarify, amend, modify some items in the provisions of the Bidding Documents in response to the recommendations raised by prospective bidders, as follows:

Section II. Bid Data Sheet			
From		To	
14.1	The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:	14.1	The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:
	a. The amount of not less than P6,000.00, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or		a. The amount of not less than P60,000.00, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or
	b. The amount of not less than P1 50,000.00 if bid security is in Surety Bond.		b. The amount of not less than P150,000.00 if bid security is in Surety Bond

Section VII. Technical Specifications			
From		To	
A.4	Range: 0°C to 100°C	A.4	Range: Within 0°C to 100°C
A.6	Heating: 6°C/sec	A.6	Heating: 5°C/sec to 6°C/sec
A.7	Cooling: 2.5°C/sec	A.7	Cooling: 2.5°C/sec to 3.3°C/sec
A.11	Excitation Source: 6 dye specific LEDs per optical module (minimum)	A.11	Excitation Source: Filtered or dye specific LEDs per optical module, minimum is 6
A.12	Detection Source: 6 silicon photo diodes (minimum)	A.12	Detection source: Silicon photodiodes or filtered diodes, minimum is 6
A.13	Comparative Quantitation: 2x (Range 1.3x to 3x), 10x (Range 6.5x to 15x)	A.13	Comparative Quantitation: Manufacturer's standard
A.16	Sensitivity Discriminates between 2-fold populations ranging from 100k to 12 copies with 95% confidence)	A.16	Sensitivity: Manufacturer's standard
A.19	Electrical Power (Input): 100-240 VAC, 50/60Hz, 1100 A	A.19	Electrical Power (Input): Manufacturer's standard
A.21	1. Electronic Tracking qPCR Software	A.21	1. Electronic Tracking qPCR Software: Manufacturer's standard
A.22	2. CORE i7 Windows 10 Pro	A.22	2. At least CORE i5 Windows 10, with Laptop and printer
A.23	3. Compatible UPS	A.23	3. Compatible UPS and AVR

Section VIII. Checklist of Technical and Financial Documents



aywii-----
ISO 9001 2015
www.tuv.com
ID: 9105085567



Section VUL Checklist of Technical and Financial Documents	
From	To
I. Technical Component Envelope	1. Technical Component Envelope
<i>Financial Documents</i>	<i>Financial Documents</i>
(g) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC); <u>or</u> A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.	(g) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC); or A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation <u>and to include the latest Audited Financial Statements</u> LAFSk

Responses to Prospective Bidder's Queries:

Bidder		SRA SPECIFICATION	Recommendations	Comments
Lifeline Diagnostics	A. Real Time PCR (qPCR), 1 unit	A Real Time PCR (qPCR), 1 unit	A. Real Time PCR (qPCR), 1 unit, 96-well format, stand alone, with intuitive touch screen and flexible connectivity options of wireless network (wifi), ethernet and USB	Denied. Retain original specifications
	A.1 Heating System	Peltier	Heating System: Peltier, with thermal gradient	Same as original specifications or its equivalent
	A.2 Reaction volume	1 Opl to 30pl	1 pl to 50pl	Denied. Retain original specifications
	A.4 Range	0 °celsius to 100°celsius	4 °celsius to 100°celsius	Granted Modify to - Within 0 °celsius to 100°celsius
	A.5 Accuracy	± 0.2°C	Thermal accuracy: ±0.2°C of programmed target at 90 °celsius	Retain original specifications; recommendation is the same as original specifications
	A.6 Heating	6°C/sec	Maximum Ramp Rate: 5°C/sec	Granted. 5°C/sec to 6°C/sec is acceptable.
	A.7 Cooling	2.5°C/sec	Average Ramp Rate: 3.3°C/sec	Granted. 2.5°C/sec to 3.3°C/sec is acceptable.
	A.8 Uniformity	± 0.4°C	Thermal uniformity: ±0.3°C well-to-well within 10 seconds of arrival at 90 °celsius	Denied. Retain original specifications.
	A.9 Optical Detection		Optical Detection, multiplex capable up to 5 targets each well and 1 FRET analysis	Denied. Retain original specifications
	A.11 Excitation Source	6 dye specific LEDs per optical module (minimum)	Excitation Source: 6 filtered LEDs	Granted (filtered or dye specific LEDs, minimum is 6)

A.12 Detection Source	6 silicon photo diodes (minimum)	Detection Source: 6 filtered photodiodes	Granted (silicon photodiodes or filtered diodes, minimum is 6)
A.13 Comparative Quantitation	2x (Range 1.3x to 3x), 10x (Range 6.5x to 15x)	Comparative Quantitation: Quantification achieved with standard curve	Granted (manufacturer's standard)
A. 14 Dynamic Range	9 orders of magnitude(minimum)	10 orders of magnitude	Denied. Retain original specifications
A. 15 Data Acquisition Time	<10 seconds for all	12 sec (all channel), 3sec (single channel)	Denied. Retain original specs)
A.16 Sensitivity	Discriminates between 2-fold populations ranging from 100k to 12 copies with 95% confidence	Sensitivity: Detects 1 copy of target sequence in human genomic DNA	Granted (manufacturer's standard)
A.18 Cartridges	6 slots, swappable	Cartridges: NOT APPLICABLE	Denied
A.19 Electrical Power (input)	100-240V AC, 50/60Hz, 1100A	Electrical Power Input): 100 to 240 VAC \pm 10%, 50/60 Hz, 850 W Max, IEC, CE	Granted (manufacturer's standard)
A. 21	1. Electronic Tracking qPCR Software	qPCR Software capable of PCR, quantification with standard curve, end-point analysis, statistical analysis (t-test, ANOVA), reference gene selection tools, Melt Curve Analysis, Gene expression analysis, LIMS integration, data analysis (bar charts, box and whisker plots, cluster grams) and data files compatible with Microsoft Excel, Word, PowerPoint	Granted (manufacturer's standard)
A.22	2. CORE i7 windows 10 Pro	Laptop (at least i5 core, windows 10 compatible) and Printer	Granted. Modify to "At least Core i5, Windows 10 and with the inclusion of 1 unit Laptop and Printer
A.23	3.Compatible UPS	Compatible UPS and compatible AVR	Granted, with AVR
B. ADDITIONAL REQUIREMENTS			

	B.I Conduct of inspection and test runs upon delivery and installation	B.I Conduct of inspection and test runs upon delivery and installation	Conduct of inspection and test runs upon delivery and installation. Must include starter consumables for training: 1. Universal SYBR Green Supermix, 200 reactions, 2. 96-well PCR Plates, low profile, unskirted, clear, one-component polypropylene, pkg of 25, and 3. PCR Plate Sealing Film, adhesive, optically clear, pkg of 100	Denied. Retain original specifications
--	---	---	--	--

	B.4 Bidders are required to submit names, contact numbers, and qualifications of Service Engineers or Technicians that are readily available should there be a need for maintenance and other related services	B.4 Bidders are required to submit names, contact numbers, and qualifications of Service Engineers or Technicians that are readily available should there be a need for maintenance and other related services	B.4 Bidders are required to submit names, contact numbers, and qualifications of Service Engineers or Technicians that are readily available should there be a need for maintenance and other related services. Bidders must provide Certificate that engineers/specialist are trained by the manufacturer for the machine being offered. Bidders must also provide exclusive distributorship from the manufacturer/principal to ensure after-sales support. Bidders must provide Certificate that the terms and conditions stated in the contract shall be honored by the Manufacturer/Principal in the event that the change of distributorship occurs during the duration of the warranty. Bidders must provide certification that the parts and sendees should be available in the last 5 years after sales.	Denied. Retain original specifications/requirements
ITS Science	A.3 Temperature A.4 Range	0 °celsius to 100°celsius	25 °celsius to 99.9°celsius	Granted (Temperature range is within 0 °celsius to 100°celsius)
Diamed	A.3 Temperature A.4 Range	0 °celsius to 100°celsius	4 °celsius to 99.9°celsius	Granted (Temperature range is within 0 °celsius to 100°celsius)
	A.5 Accuracy	±0.2°C	±0.1 °C	Retain original specifications since value is within range in view of the symbol “±.”

	A.16 Sensitivity	Discriminates between 2-fold populations ranging from 100k to 12 copies with 95% confidence	Detect differences as small as 1.5-fold in target quantities in singleplex reactions	Granted (manufacturer's standard)
	A.18 Cartridges	6 slots, swappable	6 detection channels with specific LED excitation and emission filters for multiplexing up to 6 targets	Denied

The Supplemental/Bid Bulletin No. 1 shall form part of the Bidding Documents. Any provisions in the Bidding Documents inconsistent herewith is hereby amended, modified and superseded accordingly.

For the guidance and information of all concerned.

Issued this 9th day of June 2023.


ATTY. IGNACIO S. SANTILLANA,
Chairperson, Regional Bids and Awards Committee