



28 May 2024

Bid Bulletin No. 1

**Subject: SUPPLY AND DELIVERY OF OLIGO SYNTHESIZER (DNA & RNA) AND
DNA SEQUENCER WITH FRAGMENT ANALYZER PB 24-02-25**

This bid bulletin is being issued to clarify and amend Section VI. Schedule of Requirements and Section VII. Technical Specifications in the bidding document.

Please refer to the attached documents for complete details.

Section VII (Revised Technical Specifications) must be included in the bid proposal as part of the Eligibility and Technical Component (1st envelope) to signify conformity to the revisions.

Please be guided accordingly.

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SECTION VI. Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Item no.	Description	Unit	Qty	Total ABC	Division	Delivery Period
1	Oligo Synthesizer (DNA and RNA)	unit	1	6,200,000.00	CBC	90 calendar days upon receipt of PO/NTP
2	DNA Sequencer with Fragment Analyzer	unit	1	6,410,000.00	CBC	

SECTION VII. Technical Specifications

Item	Specification	Statement of Compliance
		<p>Statement of Compliance</p> <p><i>[Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]</i></p>
1	<p>One (1) unit Oligo Synthesizer (DNA and RNA)</p> <p>Oligo Length: Up to 50 nucleotides DNA: Yes DNA Probe: Modified DNA/RNA Total Yield: > 300 pmol Stepwise Yield: 99.5% Column Type: Microcolumn (on chip) Column Capacity: One Required Nitrogen or argon gas supply Cycle Time: 2.5 min/nucleotides Hands-on Time: 1.5 minutes to start; 1 minute for finish Oligo Purification: Not required Oligo product condition Dried Synthesis: Fully automated Post-Synthesis Deprotection: Fully automated Synthesis Type: Solid-phase phosphoramidite Synthesis Capacity: One oligo/run Touch Screen Included Supplies: Standard DNA Cartridge, Standard Chips, 6-FAM DNA Cartridge Quencher Chip, Magnetic Bead Oligo, Purification Kit, Magnetic Rack Offline Operable: Yes Online Operable: Yes, not required System Update Free; offline or online; guaranteed for 2 year Instrument Size: 27x33x33cm</p> <p>Inclusions: 1. Compatible UPS with AVR anti-surge compatible to run the machine for at least</p>	

	<p>3-4 hrs.</p> <p>Warranty:</p> <ol style="list-style-type: none">1. Parts and Components: Two (2) years2. Services: Two (2) years <p>Other requirements:</p> <ol style="list-style-type: none">1. With calibration certificate upon delivery2. One-time calibration after one (1) year with Certificate and preventive maintenance3. The company must be at least 5 years in the business4. The brand must be at least 5 years in the market (supported by proof of sales)5. Certificate of training for personnel6. Onsite training on basic operations and troubleshooting7. Certificate of availability of supplies and consumables for 5 years	
2	<p>One (1) unit DNA Sequencer with Fragment Analyzer</p> <p>Specifications:</p> <p>Benchtop, 4- Capillary</p> <p>Number of Capillaries: 4</p> <p>Capillary Array Length: 36 cm</p> <p>Number of Dye Colors: 8</p> <p>Number of Samples: Up to 32 samples (4 x 8-well strip tubes) per run</p> <p>Computer platform: Integrated touch screen with built-in computer</p> <p>Data File Type: .fsa for fragment analysis and .ab1 for Sanger sequencing</p> <p>Processing Time: 30 to 60 minutes, depending on application</p> <p>Laser compliance: 21 CFR 1040.10 and 1040.11. Class 1 Laser Product.</p> <p>Laser specifications Wavelength: 505nm;</p> <p>Output power: 20mW</p> <p>Dimensions: 40cm W x 60cm D x 60cm H (15.75in W x 23.62in D x 23.62in H)</p> <p>Weight 45kg (99lb)</p> <p>Operating Temperature: 15 degree Celsius to 30 degree Celsius</p> <p>Power Requirements: 100-240Vac, 50/60Hz, 260VA</p> <p>Pollution Degree 2</p> <p>Plug-and-Play Prefilled Consumables</p> <p>Integrated Touch Screen Operation</p> <p>Sequencing and fragment analyzer Software</p> <p>Inclusions / Consumables:</p> <p>2 Capillary Array, 4-Capillary, 36cm</p> <p>1 Sequencing System, 200 reactions</p>	

	<div>1 4C Matrix Standard, 5 preps</div> <div>1 Sanger Sequencing Standard, 4 x 4 wells</div> <div>2 Buffer</div> <div>1 Cathode Buffer Septa Mat 1 x 10 each</div> <div>1 Cathode Buffer Retainer 1 x 4 each</div> <div>5 Strip Septa Mat, 8-Well 1 x 24 each</div> <div>1 Sanger sequencing Polymer (4 x 96 wells)</div> <div>1 Fragment analyzer polymer</div> <div>1 Strip Base & Retainer, 32-well</div> <div>Warranty:<div><div>1. Parts and Components: Two (2) years</div><div>2. Services: Two (2) years</div></div></div> <div>Other requirements:<div><div>1. With calibration certificate upon delivery</div><div>2. One-time calibration after one (1) year with Certificate</div><div>3. The company must be at least 5 years in the business</div><div>4. The brand must be at least 5 years in the market (supported by proof of sales)</div><div>5. Certificate of training for personnel</div><div>6. Onsite training on basic operations and troubleshooting</div></div></div>	
	*****nothing follows*****	