



केन्द्रीय रेशम जननद्रव्य संसाधन केन्द्र

(आईएसओ 9001:2015 द्वारा मान्यता प्राप्त केन्द्र)

केन्द्रीय रेशम बोर्ड, वस्त्र मंत्रालय, भारत सरकार

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Central Sericultural Germplasm Resources Centre

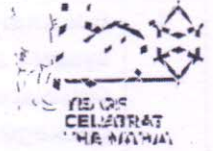
(an ISO 9001:2015 – Certified Centre)

CENTRAL SILK BOARD, Ministry of Textiles, Govt. of India

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Phone : 04344-222013, 221148, Fax : 04344-220520



NO.CSB/CSGRC/PIG06005SI/2020-21/

Date: 25-11-2020

To

Sir/s,

Sub: Quotation for purchase of 1 No. Fragment Analyser - reg.

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With reference to the subject cited above, it is to inform that this office is intended to purchase **1 No. Fragment Analyser** which is required for the project work as per the following specifications:-

"FRAGMENT ANALYZER for DNA fingerprinting, SSR-Marker/Microsatellite analysis, DNA Sequencing, 2-D analysis, Single-Strand Conformation Polymorphism (SSCP), Gel shift assays, Heteroduplex and Oligonucleotide analysis" and should have the following modules:

Sl. No.	Name of the item	Technical Specifications	Qty (Nos.)
1	Horizontal electrophoresis system	<ul style="list-style-type: none">Electrophoresis tank with gel trays of 3 different sizes formats (Large $\geq 29 \times 40$ cm, medium $\geq 20 \times 15$ cm and mini $\geq 9 \times 25$ cm).Combatable casting trays of 3 different sizes.Comb size for 5mm thick gel (20, 16, 10, 8 μl).Combatable UV trays of 3 different sizes. Along with related gel disposable items.Optimal buffer volumes (less volume size is preferable).Gel heat homogenization.Compatible for SSR Marker analysis.	1
2	Vertical electrophoresis system	<ul style="list-style-type: none">Electrophoresis tank with gel trays of 2 different sizes formats (Large $\geq 20 \times 50$cm and mini $\geq 12 \times 16$ cm formats).Combatable casting trays of 2 different sizes format (Large and mini).Comb size for 7, 14, 24, 48, 80, 96 teethes with thickness 0.1, 0.25, 0.35, 1, 1.5mm (20, 16, 10, 8 μl).Combatable UV trays with related gel disposable items.Combatable glass plate rack, glass plates, notched; glass plates; different spacer sets.Optimal buffer volumes (less volume size is preferable).Gel heat homogenization.Compatible for SSR Marker analysis.Compatible for SDS-PADE gel electrophoresis analysis.	1
3	High-voltage capacity power pack system	<ul style="list-style-type: none">Supply supports an output of 5,000 V, 500 mA, and 400 W for all high-voltage applications.Digital LCD screen display for running parameters.Voltage hour control (99,999 V-hr), automatic recovery after power failure.Output up to 4 sets of gelsReal-time editing, Temperature control, Microampere readout and control.	1

4	Gel analyzer system and software package	<ul style="list-style-type: none"> ▪ High resolution (HD), automated system for all nucleic acid/protein, analysis for publication quality results. ▪ HD 5 million pixel CCD camera and motor driven zoom lens. ▪ Fluorescent (UV transilluminator, EtBr) and visible for blue (SYBR® Safe, SYBR® Gold, SafeView™, GelGreen™ and SYPRO® Ruby) and white light (Coomassie blue/ AgNO₃). ▪ Application-driven, software, detectable nanogram quantities. ▪ Capable to image analysis for marker analysis (usually SSR/SNP marker). ▪ For documentation and scoring combatable laptop (Operating System: Windows 10 professional (GeForce GT 420 Windows 10); 8th Generation Intel® Core™ i7; Storage: 1TB; Screen: 13.5" PixelSense™ Display Display Resolution: 2256 x 1504 (201 PPI), 3.4M Pixels Aspect Ratio: 3:2; CPU: Memory: 8GB/16GB RAM 1866Mhz LPDDR3; Microsoft office 2019, with good Antivirus) 	1
5	Gel rocker systems	<ul style="list-style-type: none"> ▪ Speed up to 12 rpm with platform size 30 x 30 cm (domination 30 x 30 x 20 cm). ▪ Temperature control +4 to 45 °C. ▪ Portable ▪ Desirable electricity 115V or 230V, 50-60Hz, 50W 	1
6	UPS	Compatible UPS system for run above mentioned module together.	1

You are requested to send the competitive rate quotations as per the following terms and conditions:-

1. The technical bid and financial bid consists of two separate covers in a sealed quotation.
2. Quotation should be sent to "The Director, CSGRC, Hosur" and send in a sealed envelope superscribing as "**QUOTATION FOR PURCHASE OF FRAGMENT ANALYSER**" so as to reach this office on or before **16-12-2020 at 03.00 p.m.** The quotations received after the due date and time will be rejected. The quotations will be opened by a committee on the same day at **03.30 p.m.** in presence of any authorized representatives who choose to be present at the time of opening quotations.
3. The quotation should be accompanied by 2% EMD on the total rate quoted for the item. The EMD should be made in the form of Demand Draft / Pay order in the name of **The Director, CSGRC** payable at **Hosur** before opening of quotation preferably by **03.30 p.m.** the EMD amount will be returned as promptly as possible upon finalization of quotation to unsuccessful bidders. The EMD of the successful bidder will be refunded at the time of settlement of bill and it will not carry any interest thereon.
4. The rate should be valid for 90 days and should be inclusive of transportation, installation charges and taxes shown separately. GST should be shown separately.
5. The firm to whom the orders are placed should be in a position to supply the ordered items within one week of receipt of supply order. The quantity may or may not vary while placing order.
6. Full payment will be made only when the materials are supplied in good working condition and as per our specifications.
7. The details required as per Bank Mandate form for online payment after satisfactory completion of supply of above materials in good condition.
8. Taxes / GST / Other statutory duties should be indicated separately.
9. This office is having DSIR certificate valid upto 31-08-2021 and is eligible for 5% GST only.
10. A copy of the CE certification should be enclosed along with the quotation.
11. The quality of the different items mentioned may increase or decrease.
12. The undersigned reserves the right to accept or reject in part or full all quotations without assigning any reason whatsoever.

Yours faithfully,


DIRECTOR