

**Dr. Mainak Sengupta**  
Assistant Professor  
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## **QUOTATION NOTICE**

Ref. No.: MSG/WBSTB 1/Year21-22/01

Dated: 24.09.2021

1. Quotations for the following item(s) are invited from authorized parties for supplying the under noted items for a project granted by West Bengal STB Department under Dr. Mainak sengupta (PI). Suppliers are hereby requested to submit their quotation including the current GST registration certificate, PAN no., copy of registration certificate with statutory authorities and other credentials within 5 days from the publication of this notice in a sealed envelope addressed to the undersigned. **Please provide a tender complete in all aspects, otherwise, it won't be considered.** The authority reserves the right to accept/reject any quotation without showing any reason thereof.

<b>Items</b>	<b>Unit</b>
<p><b>Gradient PCR (T100) : Make: Biorad: Model- 1861096</b></p> <p><i>specification :</i></p> <ul style="list-style-type: none"><li>• Should have a sample capacity of 96x0.2ml tubes, 0.2ml tube strips or universal or standard 1x96-well plate of 8x12 format with six or more Peltier heating and cooling.</li><li>• System which are not capable of taking plates will not be considered.</li><li>• <b>Should have true gradient capability with Dynamic ramping technology , other technologies apart from gradient will not be considered.</b></li><li>• Should have the feature of dynamic ramping with identical hold times for all the 8 rows of gradient.</li><li>• Should have a temperature differential range of 1-25degC across the rows.</li><li>• Should have intuitive 5.7" (14.5 cm) touch screen interface which can displays graphics in high resolution for easy programming.</li><li>• The touch screen should be responsive for both gloved and ungloved fingers.</li><li>• Should be capable of running reaction volumes from 1-100ul.</li><li>• Should have a maximum ramp rate of 4 degC/second.</li><li>• Should have a temperature range of 4-100 deg C</li><li>• Should have a gradient range of 30-100 deg C</li><li>• Should have a temperature accuracy and uniformity of <math>\pm 0.5</math> deg C</li><li>• Should have a memory of &gt;500 programs with further expansion through a USB Flash drive for transfer of files.</li><li>• Should have block and calculated temperature control modes.</li><li>• The software should be capable of exporting Run logs and system error logs</li><li>• Should have quick boot up time of not more than 1 min.</li><li>• Should be quiet in operation.</li><li>• System should have built in library of standard protocols for long PCR, fast PCR, reverse transcription PCR etc.</li></ul>	Each

Yours faithfully,

**Dr. Mainak Sengupta**  
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## **QUOTATION NOTICE**

Ref. No.: MSG/WBSTB 2/Year 21-22/01

Dated: 24.09.2021

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S.NO	PARTICULARS	QTY
1	<b>1.Exome Capture Kit: Agilent V6 or V7 Dna Qc</b> <b>2.Library type: PE150, Cluster Generation</b> <b>3. Data output: 10 GB data/sample</b> <b>4.Deliverables: Raw data (80-85%data Q30) with bioinformatics for 12 year old samples.</b>	<b>19 Samples</b>

Yours faithfully,

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## **QUOTATION NOTICE**

Ref. No.: MSG/WBSTB 1/Year21-22/03

Dated: 24.09.2021

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<b>S.NO</b>	<b>PARTICULARS</b>	<b>QTY</b>
1	PCR Product/Plasmid DNA sequencing services with Gel extraction purification	184 Reactions

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## **QUOTATION NOTICE**

Ref. No.: MSG/WBSTB 1/Year21-22/04

Dated: 24.09.2021

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Serial No	Product details	Catalouge no	Make	Quantity
1	Q5 Site-Directed Mutagenesis Kit	E0554	NEB	1 (25 reactions)
2	GenomiPhi V2 DNA Amplification kit	25660031	cytiva	1 (500 reactions)

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