



## Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited  
Swasthya Sathi  
GN-29, Salt Lake, Sector-V  
Kolkata-700091

Phone No (033) 40340307/20

E mail: [procurement@wbmsc.gov.in](mailto:procurement@wbmsc.gov.in)

Supply and Commissioning of different types of Medical Equipment at Medical College and Hospital of the Govt. of West Bengal

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-215/2018

Dated-12.10.2018

### Amendment-II

#### REVISED TECHNICAL SPECIFICATION

#### REAL TIME PCR MACHINE :

PARAMETER/FEATURES	THRESHOLD LIMIT/RANGE
THERMAL CYCLER TEMPERATURE RANGE (°C)	UPTO 98 OR MORE
REACTION VOLUME (μL)	(10-30) OR MORE
TEMPERATURE ACCURACY(°C)	WITHIN ± 0.25
TEMPERATURE UNIFORMITY(°C) WELL TO WELL AFTER REACHING 90° C	WITHIN ±0.5
DETECT WAVELENGTH (nm)	(460-730) OR MORE
<b>MUST HAVE SPECIFICATIONS</b>	
PARAMETER / FEATURES	Yes / No
EQUIPMENT WITH BLOCK OF 96 WELL	

CONSUMABLES ARE NOT COMPANY / BRAND SPECIFIC	
BOTH REAL TIME PCR AND POST PCR END POINT ANALYSIS	
PELTIER BASED COOLING AND HEATING FOR UNIFORM TEMPERATURE CONTROL	
WORK WITH SYBER GREEN, TAQMAN, MOLECULAR BEACON ETC.	
FIVE COLOR MULTIPLEXING	
ABSOLUTE QUANTITATION	
ALLEIC DISCRIMINATION (SNP)	
DISSOCIATION CURVE ANALYSIS	
PATHOGEN DETECTION AND ASSAY	
EXCITATION BY HIGH ENERGY LIGHT EMITTING DIODES	
FILTER FOR SYBER GREEN, TAQMAN CHEMISTRY ETC.	
ANALYSIS OF MULTIPLE GENE EXPRESSION PLATES SIMULTANEOUSLY	
LICENSED FOR RESEARCH AND IVD APPLICATION	
DEDICATED FRET CHANNEL	
END POINT ANALYSIS UPTO 5 FLUOROPHORES	
COMPATIBLE BRANDED LAPTOP	
ONLINE UPS OF APPROPRIATE CAPACITY FOR THE ENTIRE SYSTEM WITH 2 HRS BACKUP	
<b>Quality Standard and Safety Certification</b>	
EUROPEAN CE OR US FDA	