



**MGM INSTITUTE OF HEALTH SCIENCES
CENTRAL PURCHASE DEPARTMENT (CPD)**

eTender for Gieger Muller Counting System (1 No.)

Tenders invited from reputed Manufactures or their authorised distributors / dealers of Gieger Muller Counting System for supply and Installation at MGM School of Biomedical Sciences, Kamothe Navi Mumbai in the format given below:

Name & Address of Vendor: _____

Sr. No.	Name of Company:	Details of Make and Model
1	Make	
2	Model	
3	Technical Specification	
A	Gieger Counting System - Microcontroller based	
1	Design Single board	
2	Display LCD/LED	
3	Display parameters - Counts, elapsed time & HV	
4	EHT Output - Variable (0-1500 V)	
5	Line and load regulation - better than 0.05%.	
6	Ripple less than 10mV (rms).	
7	Current 1 mA	
8	Built-in port - Please specify	
9	Data downloading into PC - Built-in port	

10	Data counts - store and recall facility	
11	G.M. Input (From G.M.Counter)	
12	Polarity Please specify	
13	Amplitude 250 mV (min)	
14	Resolving Time Please specify	
15	Modes of operation - Preset count & Preset time modes.	
16	Counts Capacity - 999999 counts	
17	Preset time - (0-9999) sec.	
18	Data Storage - Upto 1000 readings or more	
19	Command Buttons - Please specify	
20	Programmability - Please specify	
21	Paralysis Time - Please specify	
22	Socket- Please specify	
23	Power - Please specify	
Cost per Unit		
GST		
B	Accessories	
1	End Window G.M. Detector - Wide Window	

	2	Quenching - Please specify	
	3	Operating voltage Range - 450 - 650V	
	4	Plateau slope - better than 6% per 100V	
	5	Application - Suitable for Beta sample Counting.	
	6	Tube Dimensions - Please specify	
	7	Max. Diameter - Please specify	
	8	Gas filled - Ne + Hal	
	9	End Window - Please specify	
	10	Gamma Sensitivity - 18 cps / mR/hr.	
Cost per Unit			
GST			
C	End window G.M. Detector		
	1	Window - Wide	
	2	End Window G.M. Detector - Please specify	
	3	Quenching - Please specify	
	4	Operating Voltage : Range - 450 - 750 V.	
	5	Tube Dimensions - Please specify	
	6	Gamma Sensitivity - 50 cps / mR/hr with Co-60.	

	7	Background with 40mm lead shielding - < 20cpm	
	8	Efficiency at (1 cm): (typical)	
		(a) For TI-204 ~ 5%.	
		(b) Sr-90 +Y90 ~ 15% (combined).	
	9	Max. Diameter - Please specify	
	10	Gas filled - Ne + Hal	
	11	End Window - Please specify	
Cost per Unit			
GST			
D	Stand for G.M. Detector		
Cost per Unit			
GST			
E	Source Kit – 1 with storage box		
	1	Type - Disc	
	2	Beta source (TI-204) - Sealed	
	3	Beta source (Sr-90) - Sealed	
	4	Gamma source (Cs-137) - Sealed	
	5	Activity for above sources - Please specify	

Cost per Unit		
GST		
F	Aluminum Absorber Set with holder	
1	Type - Disc	
2	Diameter of each disc - Please specify	
3	Thicknesses range 20 to 300 mg/cm.sq.	
Cost per Unit		
GST		
G	Lead castle with door for G.M detector	
1	Type Cylindrical rings	
2	Thickness - Please specify	
Cost per Unit		
GST		
H	Absorber/Scatterer Set with holder	
1	Type - Foil	
2	Thickness - Please specify	
3	Aluminium & Perspex	
4	Perspex & Copper	

	5	Aluminium & Copper	
		Cost per Unit	
		GST	
I	Sliding bench with detector holder and source holder for GM detector - Please specify		
		Cost per Unit	
		GST	
J	Data communication software CD & USB AtoB cable for downloading data into PC - Please specify		
		Cost per Unit	
		GST	
K	G M Tutor Software		
		Cost per Unit	
		GST	
L	Installation & Training		
	Terms & Conditions:		
10	GST		
	Warranty: 5 Years		
	Other Terms & Conditions		
	AMC Post Warranty with Escalation per year %		

CMC Post Warranty with Escalation per year %	
Delivery Period	
Payment	
Kindly email your lowest tender for above items with detailed specifications, terms and conditions, Client list to etenders@mgmuhs.com only.	
Date:	Vendor Name:
Seal:	Name:
	Designation:
	Email ID:
	Mobile No.:
	GST No.
	Full Address: