



श्री चित्रा तिरुनाल आयुर्विज्ञान एवं प्रौद्योगिकी संस्थान, जैवचिकित्सीय प्रौद्योगिकी स्कंध  
**SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY**  
**BIO MEDICAL TECHNOLOGY WING**

(एक राष्ट्रीय महत्व का संस्थान, विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार)  
(An Institution of National Importance, Dept. of Science and Technology, Govt. of India)  
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No. **SCT/R/BMT PUR IND1/2023-24/02**

Date: **30.01.2024**

**CORRIGENDUM - 01**

Tender No. & Date: SCT/R/BMT PUR IND1/2023-24/02 dated 24.11.2023

Name of Item: **AUTOMATED CELL VIABILITY ANALYZER WITH COMPUTER,  
PRINTER AND UPS**

We hereby amend the above Global Tender to the extent indicated below:

**CRITICAL DATA SHEET**

Particulars	Existing	To be read as
Bid Submission End Date & Time	04.02.2024, 23.00	14.02.2024, 23.00
Techno- Commercial Bid Opening date & Time	05.02.2024, 11.00	15.02.2024, 11.00

**AMENDMENTS IN TENDER CONDITIONS / SPECIFICATIONS**

Terms and Conditions		
SI.No	As per Tender	To be read as
1	Instrument type: Benchtop automated cell counter for enumeration of mammalian cells in suspension	Instrument type: Benchtop automated cell counter for enumeration of mammalian cells in suspension and should have a spectrometer
2	Should be compatible with a wide variety of mammalian cell type including PBMCs	Should be compatible with a wide variety of eukaryotic cells
3	Counting based on trypan blue dye exclusion principle. Should indicate the total cell concentration, live and dead cell concentration along with percentage.	Counting based on dye free or trypan blue dye exclusion principle. Should indicate the total cell concentration, live and dead cell concentration along with percentage.

4	Optics: Three channel (Bright field+ two slots for replaceable light cubes for fluorescence detection	Should be of either Digital holography microscopy or Three channels (Bright field+ two slots for replaceable light cubes for fluorescence detection.
5	Camera: 5 megapixel, 2.5X optical magnification	Deleted
6	Instrument should be able to autofocus as well as manually focus the cells and should be able to save different profiles for different cell types	Deleted
7	Processing time should be less than 20 seconds	Deleted
8	Required sample volume should be not be more than 10 $\mu$ L	Required sample volume should be between 5 to 20 $\mu$ L
9	It should be compatible with both reusable and disposable chamber slides and should include holders for both	It should be compatible with either reusable or disposable chamber slides
		The cell counter should count the precisely and accurately the cell aggregates
		The system should store a minimum 1000 results in flash memory
		Software should be able to gate cells based on the size, shape and intensity
10	Instrument should be able to count sample, cell concentration range to be detected can range from $1 \times 10^4$ to $1 \times 10^7$ cells/mL	Instrument should be able to count sample, cell concentration range to be detected should range from $1 \times 10^4$ – $1 \times 10^7$ cells/mL
		Display interface should be user friendly with touch screen display (LCD), located in the front of the instrument and should contain buttons for all the functions needed and display data from the cell count
11	Software should be able to gate cells based on the size, shape and intensity	Deleted
12	Should be able to count cell size ranging from 4-60 $\mu$ m	Deleted
13	The counting algorithm should be able to identify clear delineations of cell boundaries within clumps of cells, thereby giving precise, accurate cell count even with clumpy samples	Deleted
14	The instrument should be complete system designed for stand-alone use with imaging and enumeration software to process, analyze, generate report and store into USB memory	Deleted
15	Should have customizable scatter plot visualization based on size, circularity, brightness	Deleted

16	Instrument should be able to do rapid capture and auto save to automatically illuminate, focus, and count, thereby eliminating the need for additional menu selections to quickly get the results which are automatically saved	Deleted
17	The instrument should have autolighting for both brightfield and fluorescence	Deleted
18	Should be provided with a 32 GB USB drive, FAT file system	<b>USB drive:</b> 32 gigabyte, FAT files system
19	Instrument should have Wi-Fi enabled cloud connectivity as well	The data stored in the instrument should be able to be transferred directly to computer and should have Wi-Fi enabled cloud connectivity
20	Should allow to save images in JPG/TIFF and report in PDF format	Instrument should save the results and images as TIF, JPEG or PNG. Should also support PDF, CSV and FCS file type
21	Graphical user interface should be user friendly with large touch screen display for operation	Deleted
22	The following light cubes to be included DAPI 2.0, GFP 2.0, YFP 2.0, RFP 2.0, Texas red 2.0, Cy5 2.0 and Cy 7.	Deleted
23	Should be a CE certified model	Deleted
24	Disposable slide holder	Deleted
25	Reusable Slide Holder – total 6 no	Deleted
26	Cell counting Chamber Slides (Qty 50)	Cell counting chamber slides to be provided (100 Nos)
27	Quick reference card (QRC)	Deleted

The Compliance Statement in Excel Format is also modified to accommodate the above changes. Bidders are advised to ensure that they upload the modified version of the Compliance Statement along with their bid.

All other terms and conditions of the original tender notice shall remain unchanged.

Sd/-  
DIRECTOR

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