

08.06.2018

TAMILNADU MEDICAL SERVICES CORPORATION LTD

**TENDER FOR SUPPLY AND INSTALLATION OF BENCH TOP MULTI COLOUR
FLOW CYTOMETER TO MULTI DISCIPLINARY RESEARCH UNIT, TIRUNELVELI
MEDICAL COLLEGE, TIRUNELVELI**

TENDER NO.326/CYT/TVL/TNMSC/ENGG/2018, dt: 15.05.2018

Corrigendum

a) The following corrigendum are issued:-

| Sl. No. | Tender Document Reference | Instead of | Read as |
|----------------|--|---|--|
| 1. | Page No.54 Section VI: Technical Specifications Specification for Bench Top Multi Colour Flow Cytometer | 6. System should able to process samples at sample flow rates between 10µL and 200µL per minute providing high sensitivity and adjustable flow rates. Sample size as low as 10µL for rare population collection – BMT and paediatric Leukaemia cases. | 6. System should able to process samples at sample flow rates between 10µL and 100/200 micro-litre per minute providing high sensitivity and adjustable flow rates. Sample size as low as 10µL for rare population collection – BMT and paediatric Leukaemia cases. |
| 2. | Page No.55 Section VI: Technical Specifications Specification for Bench Top Multi Colour Flow Cytometer | 11. Electronic Bit should be minimum 20 bit and higher with a nominal acquisition speed of minimum 25,000 events/sec. With CV less than 3% & preferably within 2% | 11. Electronic Bit should be minimum 20 bit and higher with a nominal acquisition speed of minimum 10,000 events/sec or more . With CV less than 3% & preferably within 2% |

b) The following clarification are furnished:-

| Sl. No. | Tender Document Reference | Point Raised | Clarification Furnished |
|----------------|--|---|---|
| 1. | Page No.54 Section VI: Technical Specifications Specification for Bench Top Multi Colour Flow Cytometer | Request to amend as the instrument should have minimum 2 solid state laser or equivalent. | No Change. Hence, published specification prevails. |

| Sl. No. | Tender Document Reference | Point Raised | Clarification Furnished |
|---------|---|--|---|
| | <p>1. <u>The instrument should have minimum 2 solid state laser i.e., Blue 488 nm & Red 633nm – Red Laser with upgrade feature of additional solid state lasers.</u></p> | | |
| 2. | <p>Page No.54 Section VI: Technical Specifications Specification for Bench Top Multi Colour Flow Cytometer 2. <u>The number of Fluorescence channel should be minimum 6 from 2 laser and upgradeable to more than 10 colour from all lasers Blue, Red & optional 3rd laser.</u></p> | Request to amend as the number of Fluorescence channel should be minimum 6 from 2 laser and upgradeable to 8 color and more. | No Change. Hence, published specification prevails. |
| 3. | <p>Page No.54 Section VI: Technical Specifications Specification for Bench Top Multi Colour Flow Cytometer 3. <u>The scatter parameters should be FSC and SSC with ability to detect and resolve 330nm particles.</u></p> | Request to amend as the scatter parameters should be FSC and SSC with ability to detect and resolve 500nm particles. | No Change. Hence, published specification prevails. |
| 4. | <p>Page No.54 Section VI: Technical Specifications Specification for Bench Top Multi Colour Flow Cytometer</p> | Request to amend as superior sensitivity <100 MES-FITC, <50 MESF PE | No Change. Hence, published specification prevails. |

| Sl. No. | Tender Document Reference | Point Raised | Clarification Furnished |
|---------|--|--|--|
| | <p>5. <u>The system should provide superior sensitivity <30 MESF-FITC, <10 MESF PE to measure of events with low staining index for rare detection and application with dime fluorescence staining which is achievable by high efficiency, low-noise.</u></p> | | |
| 5. | <p>Page No.54 Section VI: Technical Specifications</p> <p>Specification for Bench Top Multi Colour Flow Cytometer</p> <p>7. <u>The system should have automated easy to use software to determine the correct compensation matrix with virtual multicolour panel and/or with now ain settings. Fully featured analysis software featuring time saving function such as “linear gain” to automatically modify compensation following gain setting changes and “auto threshold” function whereby the software automatically sets the threshold based on population scaling in order to easily find target population.</u></p> | <p>Request to amend as the system should have automated easy to use software to determine the correct compensation matrix with multicolour panel and/or with now ain settings. Fully featured analysis software featuring time saving function such as “linear gain/voltage settings” to automatically modify compensation following gain setting changes and “auto threshold/multiple threshold function” function whereby the software automatically sets the threshold based on population scaling in order to easily find target population.</p> | <p>No Change. Hence, published specification prevails.</p> |

| Sl. No. | Tender Document Reference | Point Raised | Clarification Furnished |
|---------|--|---|---|
| 6. | Page No.54 Section VI: Technical Specifications Specification for Bench Top Multi Colour Flow Cytometer <u>13. CE, ISO and compliance certificate to be given if applicable.</u> | Request to amend as the IVD-FDA approved certification with CE, ISO and compliance as the instrument is going to be used in patient care testing. | No Change. Hence, published specification prevails. |

The following due date is extended:-

Sale of bidding document : up to 19.06.2018
 Last date and time for receipt of bids : 20.06.2018, 11.00 AM
 Date and time of opening of bids : 20.06.2018, 12.00 Noon

All other terms and conditions of the tender remain unaltered.

The above forms part of the bidding documents. The bidder shall attach the copy of this corrigendum duly signed by their authorized signatory, in their bid.

Sd/-
General Manager (E)