

**RAJASTHAN MEDICAL SERVICES CORPORATION LTD.**

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No. F-8( ) RMSC/EPM/M-1/17-18/NIB-261/ 2017/ 5927

Date: 18/12/17

**CLARIFICATION/CORRIGENDUM/ADDENDUM**

**Subject:** - Revised bid schedule Amended Technical Specifications of Item " (01) Elisa Reader and Washer (02) CENTRIFUGE MACHINE - (16 TUBES) (03) CENTRIFUGE MACHINE - (36 TUBES) ", under NIB No. F-8( ) RMSC/EPM/M-1/17-18/NIB-261/ 2017/5459 Dated 08-11-17

In reference to subject cited above and NIB-261, the representations received from the various firms and issues raised by the Bidders, are examined by the competent Authorities and Technical Committee. The following Clarification/Corrigendum/Addendum is issued for inclusion in Bid document. Revised Bid Schedule & Amended Technical Specifications of Bid document of Item "(01) Elisa Reader and Washer (02) CENTRIFUGE MACHINE - (16 TUBES) (03) CENTRIFUGE MACHINE - (36 TUBES) "as below:-

**01. Technical Specifications of item ELISA READER AND WASHER.**

1. Filter based ELISA reader with halogen lamp as light source and silicon photo detectors.
2. Should have a linear measurement range of 0 to 4 Abs or more
3. Should compatible to wavelength range from 400 to 700 nm.
4. Should have a photometric accuracy of  $\pm 2\%$  or better
5. Should have a resolution of 0.001Abs
6. Should have variable speed plate shaking capability
7. Should have easy access 8 position filter wheel
8. Machine should be supplied with 4 standard filters of User choice
9. Should have automatic filter selection option
10. Should have automatic calibration before each reading
11. Should able to read 96 well format in 6 seconds
12. Capable of doing multi standard tests and controls
13. Should be capable of reading U, V and flat type wells.
14. The instrument should run in stand- alone mode OR with computer & software controlled.
15. System should have USB port for external printer connectivity option for data printout.
16. Software CD should have unlimited user licence to analyze the data in different user/ computer systems.
17. Instrument should be either CE mark, IVD/ FDA or Europe regulations
18. Demonstration of equipment is must for technical approval.

**Data Analysis Software :**

- Analysis software should be supplied with the instrument and has unlimited user system license. Software should have inbuilt calculation, such as Blank Subtraction, Quantitative Curve Fit, Quantitative Classification , Spectral Analysis and Kinetic Calculation , as well as a comprehensive reporting tool.
- Both measured and calculated data can also easily be exported to other systems like Microsoft Excel for further data handling
- User should be able to load the software in to multiple computer systems for data analysis
- Software should have option for area selection i. e. different protocols at different area of the same plate
- Database based software to run backups of all data, restore backup data (in case of hardware failure of original computer)
- Supplier should quote for the following accessories : UPS, Computer with Printer
- Firm to give 3 years guarantee and rates for 5 years CMC.

**Technical specification of item Washer**

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- Semi- automatic Micro plate ELISA washer with co-axial wash heads for excellence washing & can be switched between 8 to 12 way wash heads.
  - Should be supplied with at least 4 standard program cards (1-4 washing cycles) & one programmable card for user defined program
  - Dispensing precision should be at least 5 %
  - Should be supplied with one wash bottle & one waste bottle of 2 lt capacity each
  - Residual aspiration volume < 5 ul
- Firm to give 3 years guarantee and rates for 5 years CMC

### 02. Technical Specifications of Item CENTRIFUGE MACHINE - (16 Tubes)

1. Centrifuge Machine 1/8 H.P. Motor 220V. AC/DC Regulator with brush less motor.
2. Speed range 500 to 4500 rpm on load. Which should be controlled by variable speed regulator.
3. It should be fitted with digital Timer 0-59 minutes and digital speed indicator.
4. The machine should be supplied with Angle rotor head having 16-24 tubes of 15ml capacity. It should be completed with S.S tube carrier, Rubber cushions, graduated plastic tubes of 15ml cap. And should also be supplied with 16-24 graduated plastic tubes of 15ml. capacity.
5. The lid should be double walled, made of steel sheet /ABS plastic injection moulding for extra safety having lid lock. It should also be fitted with electronic lid lock which should not open when machine is in running condition. It should off when machine is off after running the cycle.
6. The Motor of machine should be fitted of anti vibration pads.
7. Supplied completed with instruction manual, cord and plug, dust cover, 12 spare rubber cushions, 2 spare fuse.
8. Machine should be ISI/CE marked.
9. **Guarantee:** Two years on equipment from the date of installation.
10. **CMC:** CMC will be given @ 5 % (of net rate - inclusive of Excise Duty & exclusive of VAT / CST etc.) plus service tax (as applicable) and yearly escalation of 5 % on last year's CMC price. The CMC may be awarded for five years (on yearly basis) after completion of Guarantee period of two years.
11. Installation will be done by supplier free of cost.
12. The service engineer should be based in Rajasthan.
13. Demonstration of equipment is must for technical approval.
14. The company should mention the make & model name of the quoted equipment and submit the technical brochure of the quoted model in the Technical bid along with compliance sheet as per amended technical specifications.

Firm should mention all the pre-installation requirements in technical bid.

### 03. Technical specifications of CENTRIFUGE MACHINE - (36 TUBES)

- Centrifuge Machine 1/4 H.P. Motor 220V. AC/DC Regulator with brush less motor.
- Speed range 500 to 7000 rpm on load. Which should be controlled by variable speed regulator?
- It should be fitted with digital Timer 0-59 minutes and digital speed indicator.
- The machine should be supplied with Angle rotor head having 36 - 40 tubes of 15ml capacity. It should be completed with S.S tube carrier, Rubber cushions, graduated plastic tubes of 15ml cap. And should also be supplied with 36-40 graduated plastic tubes of 15ml. capacity.
- The lid should be double walled, made of steel sheet/ABS plastic injection moulding for extra safety having lid lock. It should also be fitted with electronic lid lock which should not open when machine is in running condition. It should off when machine is off after running the cycle.
- The Motor of machine should be fitted of anti vibration pads and should brush less motor.
- Supplied completed with instruction manual, cord and plug, dust cover, 12 spare rubber cushions, 2 spare fuse. Should be well packed in thermo cool box.
- Machine should be ISI/CE marked.
- **Guarantee:** Two years on equipment from the date of installation.
- **CMC:** CMC will be given @ 5 % (of net rate - inclusive of Excise Duty & exclusive of VAT / CST etc.) plus service tax (as applicable) and yearly escalation of 5 % on last year's CMC price. The CMC may be awarded for five years (on yearly basis) after completion of Guarantee period of two years.

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- Installation will be done by supplier free of cost.
  - The service engineer should be based in Rajasthan.
  - Demonstration of equipment is must for technical approval.
  - The company should mention the make & model name of the quoted equipment and submit the technical brochure of the quoted model in the Technical bid along with compliance sheet as per amended technical specifications.
- Firm should mention all the pre-installation requirements in technical bid.

**04. Revised bid schedule:-**

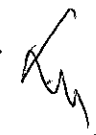
E-bids are invited as per following revised time schedule:-

Last date & time for sale of bid form	Last date & time of receipt of bid form	Date & time of opening of technical bid
<u>03.01.18</u> 01.00 PM	<u>03.01.18</u> 01.00 PM	<u>03.01.18</u> 03.30 PM

It is also clarified that above revised Bid Schedule information shall be communicated to all participating bidders on the website [www.rmssc.nic.in](http://www.rmssc.nic.in) and [sppp.raj.nic.in](http://sppp.raj.nic.in). Please note that individual bidder will not be intimated."

**Note:** Please note that all above amendments/corrigendum in bid conditions is the integral part of (Section-V, Schedule of Supply, and Point no. 3) and the bid document. This corrigendum/ addendum should be signed and annexed with bid document. All other terms & conditions remains the same.

This bears the approval of M.D., RMSCL, Jaipur.

  
18.12.2017  
**Executive Director (EPM)**  
**RMSCL, Jaipur**

