

22.01.2019

TAMILNADU MEDICAL SERVICES CORPORATION LTD.,

**TENDER FOR FIXING RATE CONTRACT FOR SUPPLY AND INSTALLATION OF  
128 SLICE CT SCANNER TO MEDICAL INSTITUTIONS IN THE STATE OF TAMIL  
NADU**

**TENDER NO.336/CT/KMC/TNMSC/ENGG/2018, DT.06.06.2018**

**Corrigendum**

a) The following corrigendum are issued:-

| <b>Sl. No.</b> | <b>Tender document reference</b>   | <b>Instead</b>  | <b>Read as</b>   |
|----------------|--|---|--|
| 1.             | Page no. 53<br>Section VI: Technical Specification<br>And Corrigendum dated 19.11.2018<br>Specification for 128 Slice CT Scanner<br><b>2. Mandatory Essential features</b><br><b>VI. Scanning Capability</b> | g. Latest Iterative reconstruction technique launched by company used for low dose scanning should be offered as standard. For Example ASIR/ADIR3D/iDOSE4 or SAFIRE.                        | Latest Iterative reconstruction technique launched by company used for low dose scanning should be offered as standard. For example ASIR/ADIR3D/iDOSE4 or SAFIRE.<br><b>Also, Model Based Iterative Reconstruction technique should also be offered as standard. For example IMR/ADMIRE/VEO/ FIRST or equivalent.</b>  |
| 2.             | Page no. 53<br>Section VI: Technical Specification<br>And Corrigendum dated 19.11.2018<br>Specification for 128 Slice CT Scanner<br><b>2. Mandatory Essential features</b><br><b>VII. Resolution</b>         | a. The High contrast Resolution should be at least 21 lp/cm for axial and spiral. (Specify the phantom used, scan time, mA, Filter for image reconstruction scan field dose slice and MTF), | a. The High contrast Resolution should be <b>at least 21 lp/cm for axial and spiral for 80 KW or more / 7.3 MHU or more and 100 KW or more / 8 MHU or more category and at least 18 lp/cm for axial and spiral for 70 KW or more / 7 MHU or more category.</b> (Specify the phantom used, scan time, mA, Filter for image reconstruction scan field dose slice and MTF), |
| 3.             | Page no. 53<br>Section VI: Technical Specification<br>And Corrigendum dated 19.11.2018<br>Specification for 128 Slice CT Scanner<br><b>6. X-Ray Tube</b>   | b. Peak Heat dissipation rate of Anode should be at least 1600Khu/min   | b. Peak Heat dissipation rate of Anode should be at least 1600Khu/min for <b>80 KW or more / 7.3 MHU or more and 100 KW or more / 8 MHU or more category and at least 1300 Khu/min for 70 KW or more / 7 MHU or more category.</b>   |

| Sl. No. | Tender document reference   | Instead  | Read as  |
|---------|---|--|--|
| 4.      | Page no. 53<br>Section VI: Technical Specification<br>And Corrigendum dated 19.11.2018<br>Specification for 128 Slice CT Scanner<br><b>8. Computer System &amp; Image Processor</b> | f. Image Processor: Operating system shall be windows based. | f. Image Processor: Operating system shall be windows <b>or Linux</b> based for all three category CT scanner. |

b) The following clarifications are issued:-

| Sl. No | Tender Document reference   | Points raised   | Clarification                                      |
|--------|---|---|--|
| 1      | Page no. 53<br>Section VI: Technical Specification<br>And Corrigendum dated 19.11.2018<br>Specification for 128 Slice CT Scanner<br><b>Requirement</b><br><u>1. Installation of top of a line Spiral Multi-Slice CT Scanner with capabilities of generate 128 slices per 360 degree in body and Cardiac Scan.</u> | Requested to include “ Vendor Should quote the model launched in 2015 RSNA or after”            | No change. Hence published specification prevails. |
| 2      | Page no. 53<br>Section VI: Technical Specification<br>And Corrigendum dated 19.11.2018<br>Specification for 128 Slice CT Scanner<br><b>2. Mandatory Essential features</b><br><b><u>I. Scan Time:</u></b> <u>The scan time for one gantry rotation of complete 360 deg. Should be 0.4 sec or better.</u>          | Requested to amend the scan time as 0.35 sec or better.   | No change. Hence published specification prevails. |
| 3      | Page no. 53<br>Section VI: Technical Specification<br>And Corrigendum dated 19.11.2018<br>Specification for 128 Slice CT Scanner<br><b>2. Mandatory Essential features</b><br><b>IV. Slice Thickness for Spiral Mode:</b><br><u>b. Any variable slice thickness from</u>  | Request to amend slice thickness from 0.625-10 mm in spiral mode and 0.5 mm-10mm in axial mode. | No change. Hence published specification prevails. |

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|   | <u>0.7mm-7.5 mm in spiral mode and 0.5 mm-10mm in axial mode.</u>   |  |  |
| 4 | <p>Page no. 53<br/>Section VI: Technical Specification And Corrigendum dated 19.11.2018<br/>Specification for 128 Slice CT Scanner</p> <p><b>2. Mandatory Essential features</b><br/><b>VI. Scanning Capability</b><br/><u>f. Real time contrast monitoring acquisition with auto scan initiation protocol and with auto injector trigger.</u></p>  | Request to amend as Real time contrast monitoring acquisition with auto/manual scan initiation protocol and with auto/manual injector trigger. | No change. Hence published specification prevails. |
| 5 | <p>Page no. 53<br/>Section VI: Technical Specification And Corrigendum dated 19.11.2018<br/>Specification for 128 Slice CT Scanner</p> <p><b>3. Pitch:</b> <u>to be freely selectable in auto mode and also manual 0.15 - 1.5.</u></p>  | Requested to amend the pitch from 0.5 – 1.   | No change. Hence published specification prevails. |
| 6 | <p>Page no. 53<br/>Section VI: Technical Specification And Corrigendum dated 19.11.2018<br/>Specification for 128 Slice CT Scanner</p> <p><b>8. Computer System &amp; Image Processor</b><br/><u>c. Hard Disc of 250 GB or more.</u></p>  | Requested to amend capacity of hard Disk to 250 GB X 4 or more.  | No change. Hence published specification prevails. |
| 7 | <p>Page no. 53<br/>Section VI: Technical Specification And Corrigendum dated 19.11.2018<br/>Specification for 128 Slice CT Scanner</p> <p><b>8. Computer System &amp; Image Processor</b><br/><u>g. The image reconstruction time should be at least 20 images /per second or better for all types of acquisition modes including Cone beam correction, Neuro Imaging studies and 512 matrix and standard</u></p> | Requested to amend image reconstruction speed as at least 50 images/sec.   | No change. Hence published specification prevails. |

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|   | <u>pitch.</u>   |  |  |
| 8 | <p>Page no. 53<br/>Section VI: Technical Specification<br/>And Corrigendum dated 19.11.2018<br/>Specification for 128 Slice CT<br/>Scanner</p> <p><b>9. WorkStation</b><br/>a. <u>Workstation (single user) from<br/>principal CT Manufacturer only:<br/>This should be additional<br/>Multimodality vendor make and a<br/>remote workstation with 2 nos. of<br/>18” LCD monitors for post<br/>processing, filming.</u></p> | Requested to amend as 1 no. of<br>monitor. | No change. Hence<br>published specification<br>prevails. |

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 (equip)**