Sub: E-Tender for “Supply, Storage, Installation, Testing, Commissioning and Handing Over of Modular Operation Theatre for Medical College and Hospital at Sundargarh, Odisha”. The Addendum for Clarification to Pre-Bid Queries raised by prospective bidders- reg.

Ref: Tender No. ERO/MMD/JUIDCO/1103 dtd. 30.04.2019

The queries raised by prospective bidder for above referred subject work. The Addendum with Clarification for these queries is hereby (enclosed) issued.

Enclose: Annexure I

All other Terms & Conditions of ERO/MMD/JUIDCO/1103 dtd. 30.04.2019 remains unchanged.

GGM (MMD)
Engineering Projects (India) Ltd.

Date: 13.06.2019
<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Item Name</th>
<th>As per BOQ</th>
<th>As per Technical Specification</th>
<th>Proposal for amended by vendor</th>
<th>Action / comment by DDF</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Wall Panel System</td>
<td>Total Thickness of Panel is 60mm</td>
<td>Not mentioned in technical specification</td>
<td>Total Thickness of Panel is 50 mm</td>
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<td>Reason for change - Standard thickness used in MOT's for Wall Panels is 50mm instead of 60mm. Kindly amend the same</td>
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<tr>
<td>2</td>
<td>Ceiling Panel System</td>
<td>Total Thickness of Panel is 60mm</td>
<td>Not mentioned in technical specification</td>
<td>Total Thickness of Panel is 30 mm</td>
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<td>Reason for change - Standard thickness used in MOT's for Wall Panels is 50mm instead of 60mm. Kindly amend the same</td>
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</tbody>
</table>
| 3     | Dimmable Peripheral LED Lights | • Recess mounted luminaire with screwless design for easy maintenance  
• Digital ballast with dimmer control  
• Non-yellowing clear acrylic diffuser is sealed with bottom frame and specially design sealant to ensure dust proof  
• Pre-anodized high purity specular finish aluminium reflector for precise light distribution | • To provide peripheral lighting and clean room luminaries with intensity min 500 Lux, it should be 8 in numbers for each OT.  
• Luminaries cover should be made of highly resistant, disinfectant proof laminated safety glass with stylish fine grained surface, glass pane with white coated steel frame.  
• The white luminaries body should be made of sheet steel/ perfectly powder coated, supplied ready for connection optionally for individual or series circuit with digital electronic control gear.  
• Recess frames should be gas tight. The fitting should be flush with the ceiling and should be removable from top or bottom. The light fitting should be uniformly and aesthetically distributed on the ceiling to provide uniform illumination in the OT. Light should not interfere when green mode endoscopy is performed.  
• Peripheral lighting should be done according to IP65 (international protection rating 65). Control equipment for the general lighting and the light dimming should be provided in the theatre control panel.  
• Size of Peripheral Light should be 2' x 2' size. | Delete the description mentioned in BOQ  
Reason for change - The description mentioned in the BOQ differs with what is mentioned in the technical specifications of tender. Hence it may please be deleted and amended accordingly. |                         |
| 4     | AUTOMATIC HERMETIC SEALED SLIDING DOOR | View window of size 500 x 700mm | Door should be with vision window 300 mm x 300 mm | Door should be with vision window 300 mm x 300 mm  
Reason for change - As per standard recommendations View Window size is 300 x 300mm instead of 500 x 700mm. Kindly revise the same accordingly. |                         |
| 5     | LIST BOARD                     | Supply and Installation, Testing and commissioning of OPERATING WRITING LIST BOARD made out of Toughened Glass in 10mm thickness of size (948mm x 648mm) | It should be made of ceramic having magnetic properties and should be flushed to the wall of the operating room | It should be made of ceramic having magnetic properties and should be flushed to the wall of the operating room. Thickness of Size 940 x 640mm  
Reason for change - The description mentioned in the BOQ is not concerned to List Board. You are requested to kindly revise the same accordingly. |                         |
| Pendants - Anesthesia | SINGLE ARM PENDANTS for Anesthesia: Single Arm Pendant will have 1000mm arms with motorized Horizontal movement having load carrying capacity of 200kgs. Brake indicators "Brake Guide" should be available with visual feedback (LED illumination). Anesthesia Pendant will have 1 arm with shelves as per points 1) 5/15 Amp Electrical sockets without switches - 8 to 10 nos., 2) Shelves with side rails - 4 nos. with 1 drawer 3) Gas interface set for interface plate - 1 no., 4) Interface plate with electrical fittings | Double arm moveable Pendant for Anesthetist. The Pendant should have the following specification: 900 mm + 900mm moveable arms each with 330 deg. horizontal and vertical movements. Weight carrying capacity of the arm should not be less than 150 Kgs or above. Electrical sockets - 6 nos. Shelf with two rails one on each side - 3 no. As per specifications, you require Double Arm Pendant, while the same is mentioned as Single Arm Pendant in BOQ. Kindly clarify the same. As per specifications, arm size is 900mm + 900 mm, while the same is mentioned as 1000 mm in BOQ. Kindly clarify the same. As per specifications, Load bearing Capacity should not be less than 150 Kgs or above while the same is mentioned as load carrying capacity of 200 KG in the BOQ. Kindly amend the same to 150 Kgs or above. Brake indicators "Brake Guide" should be available with visual feedback (LED illumination). - To be deleted from BOQ as the same is not mentioned in the specifications. Electrical Sockets as per Specifications are 6 Nos., Data socket RJ-45 -1 no while the same is inadvertently mentioned as 8 to 10 Nos. in the BOQ. Please revise the same accordingly. As per Technical Specifications, Shelf with two rails one on each side - 3 no. is required, while the same is inadvertently mentioned as shelf with side rails - 4 nos. with 1 drawer. Kindly amend the same to Shelf with two rails one on each side - 3 no. Gas interface set for interface plate - 1 no. Interface plate with electrical fitting - To be deleted from BOQ as the same is not mentioned in the specifications. |}

| Pendant - Surgeon | Double Arm Pendant will have (1000mm + 800mm) arms with Horizontal movement having load carrying capacity of 200kgs. Brake indicators "Brake Guide" should be available with visual feedback (LED illumination). 1) 5/15 Amp Electrical sockets without switches - 8 to 10 nos., 2) Shelves with side rails - 4 nos. with 1 drawer 3) Gas interface set for interface plate - 1 no. 4) Interface plate with electrical fittings-1no. | Double Arm Pendant will have 900 mm + 900mm moveable arms Weight carrying capacity of the arm should not be less than 150 Kgs or above Electrical sockets - 6 nos. Data socket RJ-45 -1 no. Shelf with two rails one on each side - 3 no. As per specifications, you require Double Arm Pendant, while the same is mentioned as Single Arm Pendant in BOQ. Kindly clarify the same. As per specifications, arm size is 900mm + 900 mm, while the same is mentioned as 1000 mm in BOQ. Kindly clarify the same. As per specifications, Load bearing Capacity should not be less than 150 Kgs or above while the same is mentioned as load carrying capacity of 200 KG in the BOQ. Kindly amend the same to 150 Kgs or above. Brake indicators "Brake Guide" should be available with visual feedback (LED illumination). - To be deleted from BOQ as the same is not mentioned in the specifications. Electrical Sockets as per Specifications are 6 Nos., Data socket RJ-45 -1 no while the same is inadvertently mentioned as 8 to 10 Nos. in the BOQ. Please revise the same accordingly. As per Technical Specifications, Shelf with two rails one on each side - 3 no. is required, while the same is inadvertently mentioned as shelf with side rails - 4 nos. with 1 drawer. Kindly amend the same to Shelf with two rails one on each side - 3 no. Gas interface set for interface plate - 1 no. Interface plate with electrical fitting - To be deleted from BOQ as the same is not mentioned in the specifications. |}

| Double arm anesthetist pendant with arm length 900mm or more and load bearing capacity should be 150kgs and above. | Double arm surgeon pendant with arm length 800mm or above and weight bearing capacity not less than 150 kgs. |
|   |   | Please also note below mentioned items asked in the technical specifications of tender are not asked in the BOQ, i.e. 1) HD Camera System 2) HD LCD Flat Panel Monitor 3) Recording System 4) Exhaust Air Cabinet 5) Storage unit 6) Medical Isolation Transformer 7) Central UPS |
|---|---|---
|   |   | You are requested to kindly add the same in tender BOQ as it is not possible to incorporate these items in the existing OT at a later stage and incorporation of these equipments in the existing OT will cost high as demolitions, reconstruction work will be required |