

All Bidders**Amendment –II**

Project: Supply, Installation, Testing & Commissioning of Modular Operation Theatres for Hospital Block, All India Institute of Medical Sciences (AIIMS), Kalyani, West Bengal.

IFB No. HSCC/SES/MOT/AIIMS/Kalyani/2019 dated 13.06.2019

This has reference to above IFB.

The following Amendment may be noted which shall be treated as part of the tender document and to be submitted duly signed & stamp along with tender.

| Sr. No. | Bidders' Queries | Reply |
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| 1. | <p>Volume-I, Page no. 3, Period of Completion: 6 Months</p> <p>We request the period of completion should be 9 months after approval of drawings. You would appreciate that quantum of this Project is large and arranging quantity of material takes time and resources. This is not mere supply of equipments items like Touch Screen Control Panel, Surgeon & Anaesthesia Pendant, OT Light with Camera & Monitor etc are imported items for which procurement only starts after approval of final drawing which is a time consuming process.</p> <p>We hereby request to kindly increase the completion schedule to 9 months.</p> | <p>Period of Completion: 7 Months from date of order of commencement.</p> |
| 2 | <p>Volume-I, Pre-Qualification Criteria; Page no. 5 & 6, Clause no. 2.2 (ii)</p> <p>(ii) Experience of having successfully completed similar work during last 7 years ending last day of month previous to the one in which tenders are invited should be either of the following :</p> <p>We request the successfully completed experience certificate of similar work should from the last date of receipt of application for tender instead of last day of the month previous to the one in which tenders are invited. The reason is this is a prestigious and high value tender. The Experience should be relaxed enough, enabling bidders to arrange & place experience certificate of this magnitude.</p> | <p>Experience of having successfully completed similar work during last 7 years ending last date previous to the date of submission of tender.</p> |

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| | <p>Therefore it is requested to kindly amend it to "Experience of having successfully completed similar work during last 7 years ending last day of receipt of tender".</p> | |
| 3. | <p>Volume-3, SCC, Page no. 12, 12.4 Bid Security,</p> <p>Document Fee and EMD are exempted for NSIC registered Firm.</p> <p>As you are aware, to promote Micro Small & Medium Enterprise, Government of India had given the facility of NSIC Certification to the manufacturing firm. This may please be noted that this clause is only applicable for manufacturing of goods in India and not for procurement of Imported goods. If we go through the tender Specifications, there are imported items such OT Light, Pendant etc</p> <p>We request this clause should be suitably amended so that NO Bidder could take undue advantage of NSIC Certification and all the bidders should be treated on single platform. This has been done in earlier HSCC Sangrur, Shimla & Raebareli Tenders.</p> | <p>Document Fee and EMD is not exempted for procurement/manufacturing of imported goods.</p> |
| 4. | <p>Volume-III, Page no. SCC-38, Clause no. 21.0 Terms of Payment</p> <p>For purposes of estimating the contract value of works executed for certificate of payment, the following norms shall be followed:</p> <p>1) 70% of the BOQ contract rates on delivery of equipments at site after inspection and passing on pro-data basis.</p> <p>2) 20% of BOQ contract rates on satisfactory take over certificate by client after erection and installation, testing and commissioning of equipments on pro-data basis.</p> <p>3) 10 % of BOQ contract rates after successful completion of trial run of 30 days from the date of handover to the client on pro-data basis.</p> <p>We request, the payment terms should be amended as:</p> <p>1) 75% of the BOQ contract rates on delivery of equipments at site after inspection and passing on pro-data basis.</p> | <p>1) 75% of the BOQ contract rates on delivery of equipment at site after Inspection and Despatch Clearance Report on pro-rata basis.</p> <p>2) 15% of BOQ contract rates on Installation of MGPS.</p> <p>3) 10% of BOQ contract rates after final acceptance of system by the client.</p> |

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| | <p>2) 20% of BOQ contract rates on satisfactory take over certificate by M/s HSCC after Installation.</p> <p>3) 5% of BOQ contract rates after successful completion of trial run of 30 days from the date of handover to the client on pro-data basis.</p> <p>Please appreciate, as soon as the work order is received , the contractor has to initiate necessary actions for successful execution of the work order. Among the very important, Contractor need to place order to the respective suppliers along with 100% payment because supplier will not wait till the completion of the project. Here it is worthwhile to say that contractor do not get 75% payment as 5% amount gets hold for Security from Running Bill; 1% towards Labour Cess; 10% towards Performance Bank Guarantee, 12% towards GST & in case of delay in supply liquidated damages. After going through all this in the net shell a contractor gets approximately 50% amount at the initial stage. It is just a eye wash that 70% payment will be released on pro-rata basis.Initial payment is the lifeline to the contractors, which gives relief up to some extent.</p> | |
| 5 | <p>No Deduction from Running Bills</p> <p>We understand, a common ideology & practice has been adopted as that of M/s HLL Lifecare Ltd. in the present tender. While implementing all rules, we request there should not be any deductions with regard to retention of security amount etc.</p> | Tender terms & conditions prevail. |
| 6. | <p>Part Completion Certificate</p> <p>We request Part Completion Certification should be accepted for Bidder's Evaluation in Tender. As it is project and sometimes due to unavailability of manpower or handover not taken by user it results in delay in commissioning for executed project. For instance, in one of the M/s HLL's Project of J&K Modular Operation Theatre, the complete Installation is done but commissioning is not done from last Four years as the Site is not Clear for Commissioning. Because of this the project remains incomplete.</p> <p>We therefore request Part Completion Certificate should be Accepted in Evaluation.</p> | Tender terms & conditions prevail. |
| 7. | <p>Volume-I, Page no. 6, 2.2 (iii)</p> | Tender terms & conditions prevail. |

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| | <p>Solvency Certificate</p> <p>Considering the estimated cost of the tender, we request M/s HSCC to be liberal & relaxed in terms of value of Solvency Certificate. We request 1 more option should be allowed i.e. Net Worth Certificate from Chartered Accountant . Sir, this qualification criteria is in practice in M/s HLL Infra Tech Services Ltd. Tenders. A copy is enclosed herewith for your ready reference at Page 1 to 3. The criteria should be:</p> <p>Average Net Worth: Eligible bidders should have an Average Net Worth (i.e. Assets minus Liabilities) for the last five years (i.e. from 2013-14 to 2017-18) of not less than 10% of the cumulative estimated value of work to qualify in tender.</p> <p>Please appreciate in this way the bidder has the option to either submit Solvency Certificate or Net Worth Certificate by Chartered Accountant.</p> <p>Considering the estimated cost of the tender the bidder should be allowed with an option of Net Worth Certificate from Chartered Accountant or Solvency Certificate of 40% estimated cost. Needless to emphasise by this criteria more and more bidders will participate in the tender.</p> | |
| 8. | <p>Performance of the Company</p> <p>We request, to kindly ensure that the bidder who has executed the similar nature of work who has worked in Government Hospital through Government Agencies such as M/s HSCC (India) Ltd., M/s HLL Lifecare Ltd, UPRNN, NBCC etc., the performance of the company should be satisfactory.</p> | Tender terms & conditions prevail. |
| 9. | <p>European CE/UL Listed</p> <p>We understand, European CE/UL Listed means Imported i.e. place from where the goods are mined, cultivated, grown, manufactured, produced or processed and Outside India.</p> <p>Accordingly the certification of the product applies i.e. if it is UL Listed certification same shall be applicable to American Manufacturer only and European CE Certification same shall be applicable to European Manufacturer only. We request this criteria should be strictly applied and maintained as</p> | Tender terms & conditions prevail. |

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| | <p>this is available in HSCC SSB Goa Tender, CPWD/ NBCC/PGI/ Janakpuri Super Speciality Tender. This is basically to maintain Quality Assurance.</p> <p>Page 1, 2</p> <p>Wall & Ceiling System (SMS)</p> <p>As, Wall & Ceiling System (SMS) is important part of Modular Operation Theatre; for authenticity and genuineness of the product, the certification should be European CE Certified with notified 4 digit body no. / UL Listed.</p> <p>We requested earlier also but no amendments have been issued so far. We request you to kindly incorporate.</p> | |
| 10. | <p>Page 2</p> <p>iv) Ceiling Panels 3rd Line</p> <p>We request the total thickness of panel including Aluminium backing should be 9 mm instead of 18 mm. The 09 mm extra thickness will become bulky and will cover more space comparing to 9 mm thickness of aluminium panel and if the total thickness of panel 15 mm aluminium + 03 mm SMS thickness = 18 mm; the structure will become heavy and stability of ceiling panel will become weak. Why should we take risk??</p> <p>The thickness does not make any difference, as quality of SMS is premium. We are also enclosing specifications for your kind reference of HLL Infra Tech Service Ltd. Tender Reference HITES/PCD/NCI-AIIMS/17-18 for NCI AIIMS Jhajjar at page no. 6 to 7. We therefore request the total thickness should be 09 mm [06 mm Aluminium backing+3 mm SMS].</p> | Total Thickness of Ceiling Panel: 09 mm or more. |
| 11. | <p>Page 1, 2</p> <p>i) Sub Frame/Structure</p> <p>We request the Sub Frame/Structure should also be Imported in the Technical Specifications as other wall & ceiling items.</p> | Tender terms & conditions prevail. |
| 12. | <p>Page 4</p> <p>Tender Specification 4. Internal HVAC Ducting & Exhaust System</p> | Deleted. |

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| | <p>Please refer para h, where it is written that Exhaust Air Cabinet System should be from the same manufacturer of wall & ceiling system supplier. HVAC Ducting part is in the scope of indigenous supplier. It seem this is misprint. We request to please clarify.</p> | |
| 13. | <p>Page 5</p> <p>Touch Screen Control Panel (European CE/UL Listed)</p> <p>Touch Screen Control Panel as per tender is European CE/UL Listed. For authenticity and genuiness of the product, the certification should be European CE Certified with notified 4 digit body no. / UL Listed.</p> <p>We request this criteria should be strictly applied.</p> | <p>BIS / US FDA/ UL / European CE/ETL.</p> |
| 14. | <p>Page 5</p> <p>Touch Screen Control Panel</p> <p>h) Temperature and humidity control for the room connected to the AHU. (Adjustable from the panel) The controller should be capable of adjusting the temp adjustment of +/- 5 Deg with in 5 Minutes wherever separate AHU is provided for each OT . "</p> <p>We request AHU part should be deleted, from the Touch Screen Control Panel Specifications, as this is in scope of AHU Vendor. AHU is different agency. They will intervene in MOT Contractor Scope of work. There will be coordination problem with AHU contractor and in case of any problem, it will be difficult to identify that this is in who's scope of work.</p> <p>We therefore request AHU part should be deleted.</p> | <p>Tender terms & conditions prevail.</p> |
| 15. | <p>Page 6, 7</p> <p>11. Hermatically Sealed Door A- Door of 2.1 m x 1.8 m (W)</p> <p>The size of the door 2.1 m x 1.8 m is too wide. The appropriate size of the door is 2.1 m x 1.5 m wide. The reason is Availability of more space almost double for manoeuvrability of door is required e.g. 1.8 m +1.8 m = 3.6 m and clear area of 4 m is required; Whereas 1.5 + 1.5 = 3 m will be required. The wider the door is, the more will be Air Loss,</p> | <p>Tender terms & conditions prevail.</p> |

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| | <p>which leads to entry of bacteria and other particles. Another thing wider door will lead to hindrance for Valve Box, Electrical DB etc. It is a practical problem which we have experienced at site and that is why we are sharing this.</p> <p>We therefore request to kindly amend the Door size to 2.1 m x 1.5 m wide.</p> | |
| 16. | <p>Page 9</p> <p>OT Light - LED Control: Control Panel (wall and on dome)</p> <p>We request Control should be deleted from Wall Control. As it is waste of money. Same is available in Touch Screen Control Panel and on dome then what is the necessity of 3 controls. Moreover if controls are integrated on multiple locations, in future there will be problem of maintenance. Therefore it is requested Control from wall control should be deleted.</p> | Tender terms & conditions prevail. |
| 17. | <p>Page 9, 10(d)</p> <p>Item No.18 HD FLAT PANEL MEDICAL GRADE MONITOR</p> <p>It should be Medical Grade Class-1 Device and European CE Declaration of Conformity to be provided.</p> <p>Kindly note, Class I medical device are those devices that have a low to moderate risk to the patient and/or user. Today, 47% of medical devices fall under this category and 95% of these are exempt from the regulatory process.</p> <p>We therefore request Class-1, should be deleted, it should be European Declaration of Conformity.</p> | European CE Declaration of Conformity to be provided. |
| 19. | <p>Page 10, 11 (k)</p> <p>Item no. 18C Monitor-Digital Display (PACS/HMIS)</p> <p>It should be Medical Grade Class-1 Device and European CE Declaration of Conformity to be provided.</p> <p>Kindly note, Class I medical device are those</p> | European CE Declaration of Conformity to be provided. |

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| | <p>devices that have a low to moderate risk to the patient and/or user. Today, 47% of medical devices fall under this category and 95% of these are exempt from the regulatory process.</p> <p>We therefore request Class-1, should be deleted, it should be European Declaration of Conformity.</p> | |
| 20. | <p>Page 11</p> <p>19A, Double Arm Moveable Pendant for Anaesthetist</p> <p>b) Double moveable arms (any combination) with total coverage of 1800mm and 330 deg. Horizontal movements for each arm. Vertical movement should be motorized and the arm height should remain to a height greater than 6.5 feet above floor level.</p> <p>We request Double moveable arm (any combination) with total coverage of 1800 mm should be with variation of +/- 10%. In earlier Tenders of M/s HSCC MOT Shimla, MOT Sangrur the variation of +/- 10% is mentioned.</p> <p>Therefore it is requested to kindly allow deviation.</p> | Tender terms and conditions prevail. |
| 21. | <p>Page 12</p> <p>19B. Double Arm Moveable Pendant for Surgeon</p> <p>b. Double moveable arms (any combination) with total coverage of 1800mm and 330 deg. Horizontal movements for each arm. Vertical movement should be motorized and the arm height should remain to a height greater than 6.5 feet above floor level</p> <p>We request Double moveable arm (any combination) with total coverage of 1800 mm should be with variation of +/- 10%. In earlier Tenders of M/s HSCC MOT Shimla, MOT Sangrur the variation of +/- 10% is mentioned.</p> <p>Therefore it is requested to kindly allow deviation.</p> | Tender terms and conditions prevail. |
| 22. | <p>Page 13</p> <p>Isolation Transformer should have facility to detect fault of leakage current and same should be integrated with touch screen control panel of MOT and alarm status should be displayed on the touch</p> | Isolation Transformer should have facility to detect fault of leakage current and same should be integrated with touch screen control panel of MOT and alarm status |

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| | <p>screen control panel</p> <p>We request to kindly allow the alarm status be displayed separately in Operation Theatre.</p> | <p>should be displayed on the touch screen control panel.</p> <p>Isolation Panel System of minimum 20 KVA should be provided for every operation theatre which ensures the safety of staff and patient. System should have isolators provided through leakage relays etc. (If required) according to IEC recommendation. This unit should be EN/CE/UL/BIS/FDA/IEC certified. These systems are to be commissioned by specialists.</p> |
| 23. | <p>Page 17</p> <p>Manufacturer Authorisation: For the following major items, Manufacturer's Authorisation should be submitted as per format as Section XIV A</p> <p>We request the major items such as Wall Paneling System, Ceiling Paneling System, OT Pendant (Anesthetist& Surgeon), OT Light with Camera should be from same manufacturer in atleast 3 Govt. Hospitals in the past. Since these are major items of operation theatre this will prove the genuiness of the product, credibility of the company and product. This will also be beneficial in after sales service & to avoid Chinese Products. This was present in M/s HITES Tender no. HITES/PCD/MP/08/MOT/18-19 dated 16.10.2018 (Copy Enclosed at Page no. 4 to 5).</p> | <p>Tender terms & conditions prevail.</p> |
| 24. | <p>Page 17</p> <p>Manufacturer Authorization for the following items should be submitted by the bidder with the bid:</p> <ol style="list-style-type: none"> 1. OT Light with HD Camera 2. HD Flat Panel Monitor 3. Pendants for Anesthetist and Surgeon 4. Recording System 5. Laminar Air Flow System 6. Wall & Ceiling system (SMS) 7. Touch Screen Control Panel 8. Monitor Digital Display (PACS/HMIS) <p>We request, for authenticity and genuiness of the</p> | <p>Tender terms & conditions prevail.</p> |

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| | bidder, Exclusive Manufacturer Authorisation should be asked to submit in the tender. | |
| 25. | <p>Page 22</p> <p>22. Online Central UPS</p> <p>The Online Central UPS warranty in the tender is 5 years. Whereas the battery life of UPS is 2-3 years. Please appreciate the same has price implication. Kindly clarify. We request this item should be deleted and should be included in Civil Tender.</p> | Tender terms & conditions prevail. |
| 26. | <p>Page 22</p> <p>22. Online Central UPS</p> <p>Bidder shall offer UPS from make – APC/TATA Liebert/Delta/Hitachi/Consul Neowatt</p> <p>We request makes such as 3EM Power/Uniline should be added for more options to have competitive price.</p> <p>Kindly refer tender no. HITES/PCD/PMSSY-III/19/MOT/17-18 Dated 06/10/2017 for Hospitals getting Upgraded Phase-III, Amendment No. 5 dated 13.12.2017, with Addition of Makes and M/s HSCC MOT Raebareli.</p> <p>We request you to kindly Add these makes also.</p> | <p>Make – APC/TATA Liebert/Delta/Hitachi/Consul Neowatt/ 3EM Power/Uniline/Servokon</p> |
| 27 | <p>Page 22</p> <p>22. Online Central UPS</p> <p>We understand as per the specifications that 20 KVA UPS Module is required for each MOT. If 10 nos. MOT are there the Central UPS Capacity requirement should be minimum of 10 x20 KVA + 1 No. 20 KVA UPS Module Extra is required in case any 20 KVA UPS Module is out of Service. Please confirm, our understanding is correct as per tender specification.</p> <p>We request to kindly clarify the exact quantity of UPS in BOQ so that each bidder should quote according to the quantities specified of UPS in BOQ.</p> | Tender terms & conditions prevail. |
| 28 | In your tender document, technical specifications , on page no 4, point no 4 (HVAC and ducting) sub clause (h) & (i) , please clarify these points as it is not clear , in this tender you have asked to | Amended as: h)The exhaust air cabinet should be manufactured and supplied by the supplier of wall and ceiling system |

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| | <p>supply the Walls and Ceiling made of SMS material and the manufacturer of AHU does not make SMS panels or manufacturer of SMS panels does not make AHU.</p> | <p>supplies – Deleted.</p> <p>i) Return air exhaust cabinet should be made from SS-304</p> |
| 29 | <p>In you tender document on page 6 of technical specifications, point no 6, Touch Screen control panel, sub clause (a), where it is written that it should be European CE/UL</p> <p>Our submission is that similar products with same specifications are available in Indian market and they have been installed in different AIIMS and also we should promote our Respected Prime Ministers Initiative of Make In India, So it should be amended to CE/BIS/UL</p> | <p>Read as: BIS/UL/ European CE</p> |
| 30 | <p>We also request to kindly ask for CE certification on the following items, it will ensure that your Institute gets a good quality product and of reputed makes. The Items are :</p> <p style="padding-left: 40px;"> A) Storage Unit. B) Hatch Box C) X-ray View Box D) Scrub Station E) PRD F) Operating list board </p> | <p>Tender terms & conditions prevail.</p> |
| 31 | <p>On page no 6- 7 of your technical specifications, point no 11 Hermetically sealed doors, sub clause (p) where it is written that The door controller should be CE marked.</p> <p>Our submission is that why only door controller should be CE, you should ask that entire door should be CE.</p> | <p>Tender terms & conditions prevail.</p> |
| 32 | <p>On page no 11 & 12, Technical specifications, you have asked that the Pendant Service Heads for Anesthetist and Surgeon pendants should be modular with minimum 800mm head</p> <p>Our submission is that different companies have different sizes for Pendant Heads, so it should be 600mm or more as our pendants can accommodate all the desired provisions for Gases and electrical on 600mm head as our shelves are not on the Head. So range can be given from 600mm or more so that every</p> | <p>Pendent Service Head should be 600-800 mm or more and pendants must accommodate all the fittings, all Gases outlets, electrical switch & sockets and shelves as mentioned in the technical specification of tender.</p> |

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| | company gets chance to participate. | |
| 33 | <p>On page 14, of TS , point no 2, After sales service centre should be available at the city of Hospital on 24 (hrs) X 7 (days) X 365 (days) basis,</p> <p>Our submission is that it will be established when the NOA is awarded to the company for this particular tender.</p> | Tender terms & conditions prevail. |
| 34 | <p>Also kindly clarify on page no 15 of Technical Specification, point no 5, the site modifications work should completely comply with AERB requirements, if any.</p> | Tender terms & conditions prevail. |
| 35 | <p>In Pre Qualification Criteria on page no 5, point no (ii), you have asked that Experience of having successfully completed similar work during last 7years ending last day of month and</p> <p>Three similar* completed works costing not less than the amount equal to40% of the estimated cost.</p> <p style="text-align: center;">Or</p> <p>Two similar* completed works costing not less than the amount equal to50% of the estimated cost.</p> <p style="text-align: center;">Or</p> <p>One similar* completed work costing not less than the amount equal to 80%of the estimated cost</p> <p>Our submission is that keeping the above criteria only one company will be fulfilling the above Qualification criteria, So to have more companies that will be eligible to bid for the tender, the Pre Qualification criteria should be amended to</p> <p>Experience of having successfully completed similar work during last 10 years ending last day of month and</p> <p>Three similar* completed works costing not less than the amount equal to 30% of the estimated cost.</p> <p style="text-align: center;">Or</p> <p>Two similar* completed works costing not less than the amount equal to 40% of the estimated cost.</p> <p>Or</p> | Tender terms & conditions prevail. |

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| | One similar* completed work costing not less than the amount equal to 50% of the estimated cost. | |
| 36 | The time period to complete the Entire work given in the tender documents is 6 months Our submission is that it should be amended to 8-10 months as it is a big work and cannot be completed in 6 months timeline period. | Period of Completion: 7 Months from date of order of commencement. |
| 37 | In vol II, clause no 10.1 of your tender document , you have asked for 10% of the contract price as Performance Security. Our submission is that kindly amend it to 5% of the contract Price as 10% of contract price is a very big amount keeping in view of the Budget for the tenders. | Performance Security shall be 5% of Contract price. |
| 38 | We also request to kindly amend the payment terms clause 21.0 of volume III of your tender document where it is written that the payment will be released as per 70/20/10 ratio Our submission is to kindly amend the payment terms and it should be released in the ratio of 80/10/10.(80% on supply (pro rata basis), 10% on installation and 10 % on sucessful hand over/trial run). | 1) 75% of the BOQ contract rates on delivery of equipment at site after Inspection and Despatch Clearance Report on pro-rata basis. 2) 15% of BOQ contract rates on Installation of MGPS. 3) 10% of BOQ contract rates after final acceptance of system by the client. |
| 39 | Also request to extend the dates of the tender atleast by 15-20 days from the day of uploading of the amendments. | Mentioned below |
| 40 | Page no. 3, Volume-I, Period of Completion: 6 Months Our Suggestion : The period of completion should be 10 months. The important items of Modular Operation Theatres are imported and takes time to finally arrive in India and being big Project in the history of MOT the period of completion should be atleast 10 months. One should also consider the vicinity of the project. Therefore please extend the completion period to 10 months. | Period of Completion: 7 Months from date of order of commencement. |
| 41 | Page no. 5 & 6, Clause no. 2.2 (ii) Volume-I, Pre-Qualification Criteria; (ii) Experience of having successfully completed similar work during last 7 years ending last day of month previous to the one in which tenders are invited should be either of the following : Our Suggestion: The completed Experience Certificate of similar work i.e. Modular Operation | Experience of having successfully completed similar work during last 7 years ending last date previous to the date of submission of tender. |

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| | <p>Theatre should be last date of receipt of application for tender. It should not be last day of month previous to the one in which tenders are invited. This is big project in the history of MOT therefore the qualification criteria should be relaxed, so that bidders like us could take part in the tender.</p> <p>Therefore amend experience to last date of receipt of application for tender.</p> | |
| 42 | <p>Page no. SCC-38, Clause no. 21.0, Volume-III, Terms of Payment</p> <p>Our Suggestion: The terms of payment should be:</p> <p>A. 80% of the BOQ contract rates on delivery of equipments at site after inspection and passing on pro data basis.</p> <p>B. 10% of BOQ contract rates on satisfactory take over certificate by client after erection.</p> <p>C. 10% of BOQ contract rates after successful completion of trial run of 30 days from the date of handover to the client on pro-data basis.</p> <p>The payment is important part of contract. The department should understand, to secure “A” payment, a contractor has to incur various expenses, such as payment to supplier/manufacturer, transportation cost, contract expenses such as PBG, Labour Cess, Security Charges, GST etc etc. After so much of struggle contractor gets payments. Therefore change in Terms of Payment is utmost important and should be looked upon.</p> | <p>1) 75% of the BOQ contract rates on delivery of equipment at site after Inspection and Despatch Clearance Report on pro-rata basis.</p> <p>2) 15% of BOQ contract rates on Installation of MGPS.</p> <p>3) 10% of BOQ contract rates after final acceptance of system by the client.</p> |
| 43 | <p>Page no. 6, Volume-I, 2.2 (iii), Solvency Certificate</p> <p>Our Suggestion: We participate in Government/Private Tenders, floated by various Departments such as MES,PWD etc for similar nature of work. One such Department M/s HLL Infra tech service ltd’s qualification criteriaais:</p> <p>“Average Net Worth: Eligible bidders should have an Average Net Worth (i.e. Assets minus Liabilities) for the last five years (i.e. from 2013-14 to 2017-18) of not less than 10% of the cumulative estimated value of work to qualify in tender”.</p> <p>This is big project in the history of MOT therefore the qualification criteria should be relaxed. The Solvency Certificate should be 10% of the estimated cost of tender or bidder should be allowed to submit Average Net Worth Certificate for the last five years of not less than 10% of the estimated cost from Chartered Accountant.</p> | <p>Tender terms & conditions prevail.</p> |

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| | Therefore please amend the criteria for more participation. | |
| 44 | Page 1, 2- Wall & Ceiling System (SMS) : Our Suggestion: The certificates of the product should be European CE Certified with notified 4 digit body no. / UL Listed. | The certificates of the product should be BIS/European CE Certified with notified 4 digit body no. / UL Listed. |
| 45 | Page 5 - Touch Screen Control Panel (European CE/UL Listed): Our Suggestion : The certificates of the product should be European CE Certified with notified 4 digit body no. /UL Listed. | The certificates of the product should be BIS/European CE Certified with notified 4 digit body no. /UL Listed. |
| 46 | Page 2- Ceiling System (SMS): The total thickness of Ceiling System should be 15 mm including 3 mm of SMS thickness. 18 mm structure is heavy with lesser strength although it is pasted with glue and all arrangement is done for stability but since it is on Ceiling and due to heaviness it has danger to come down. Therefore the total ceiling thickness should be 15mm and not beyond this. | Total Ceiling Panel thickness shall be 9mm-or more. |
| 47 | Page 4 - Internal HVAC Ducting & Exhaust System Our Suggestion: Refer para h i. This could be mis-print. Please confirm. h. The exhaust air cabinet should be manufactured and supplied by the supplier of wall and ceiling system supplies. i. Return air exhaust cabinet should be from the same manufacturer of wall panel. | Amended as: h)The exhaust air cabinet should be manufactured and supplied by the supplier of wall and ceiling system supplies – Deleted. i) Return air exhaust cabinet should be made from SS-304 |
| 48 | Page 9, 10 (d) Item No.18 HD Flat Panel Medical Grade Monitor: It should be Medical Grade Class-1 Device and European CE Declaration of Conformity to be provided. Our Suggestion: Class-1, should be removed and only European Declaration of Conformity should be allowed as it specific to 1 bidder only. | European CE Declaration of Conformity to be provided. |
| 49 | Page 10, 11 (k) Item no. 18C Monitor-Digital Display (PACS/HMIS) It should be Medical Grade Class-1 Device and European CE Declaration of Conformity to be provided. Our Suggestion: Class-1, should be removed and only European Declaration of Conformity should be allowed as it specific to 1 bidder only. | European CE Declaration of Conformity to be provided. |
| 50 | Page 12 19A, Double Arm Moveable Pendant for | Tender terms and conditions |

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| | <p>Anesthetist</p> <p>b) Double moveable arms (any combination) with total coverage of 1800mm and 330 deg.</p> <p>Our Suggestion: We suggest variation of +/- 10% should be allowed.</p> | prevail. |
| 51 | <p>Page 12 19B. Double Arm Moveable Pendant for Surgeon</p> <p>b) Double moveable arms (any combination) with total coverage of 1800mm and 330 deg.</p> <p>Our Suggestion: We suggest variation of +/- 10% should be allowed.</p> | Tender terms and conditions prevail. |
| 52 | <p>Page 22. Online Central UPS : Bidder shall offer UPS from make – APC/TATA Liebert/ Delta/ Hitachi/Consul Neowatt</p> <p>Our Suggestion: Makes such as Socomec/Servokon should be added in the list.</p> | Make – APC/TATA Liebert/Delta/Hitachi/Consul Neowatt/ 3EM Power/Uniline/Servokon |
| 53 | <p>Completion Period</p> <p>6 Months from the date of order of commencement</p> <p>Time for completion of work should be amended to 180 days (6 Months) from the date of approval of drawing, BOQ, Color approval, handing over of site in all respect whichever is later.</p> | Period of Completion: 7 Months from date of order of commencement. |
| 54 | <p>Payment Term</p> <p>70% of the BOQ contract rates on delivery of equipments at site after inspection, passing and issue of dispatch clearance on pro-data basis.</p> <p>20% of BOQ contract rates on satisfactory take over certificate by client after erection and installation, testing and commissioning of equipments on pro-data basis.</p> <p>10 % of BOQ contract rates after successful completion of trial run of 30 days from the date of handover to the client.</p> <p>You are requested to kindly amend the payment terms of tender as follows:</p> <p>85% on delivery of Material, 10% on installation and balance 5% of submission of FAC</p> <p>Or</p> <p>80% on delivery of Material, 10% on installation and balance 10% of submission of FAC</p> | <p>1) 75% of the BOQ contract rates on delivery of equipment at site after Inspection and Despatch Clearance Report on pro-rata basis.</p> <p>2) 15% of BOQ contract rates on Installation of MGPS.</p> <p>3) 10% of BOQ contract rates after final acceptance of system by the client.</p> |
| 55 | Point No.2 | Tender terms & conditions |

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| | <p>Bidder shall execute all required civil, electrical and peripheral lighting, plumbing, air-conditioning system (Ducting inside the OT), demolition and other works as may be required for complete installation and trouble-free functioning of the operation theatres as a part of the “turnkey work”. Necessary coordination with fire-safety vendor for the installation of fire safety sensor/instrument inside the MOT and also other necessary coordination with civil contractor to be done by the MOT bidder.</p> <p>Since our work is confined inside Modular OT only, we request you to kindly delete this clause or specifically mention the work to be done by MOT Bidder with item name and rates should be mentioned in the BOQ of tender.</p> | prevail. |
| 56 | Kindly add the line stating Wall Panels, Ceiling Panels and Hermetically Sealed Doors should be of same Make and same standard, i.e European CE or UL Listed. | Tender terms & conditions prevail. |
| 57 | <p>Item No.4</p> <p>Internal HVAC Ducting and Exhaust System</p> <p>Exhaust Air Cabinet</p> <p>Return Air Exhaust Cabinet should be made from SS-304 and should be from the same manufacturer of wall panel.</p> <p>The Wall and Ceiling Panels asked in the tender is of SMS Material, while the exhaust air cabinet is of SS Material, hence this line mentioned in the technical specifications of tender is not applicable and must be deleted from the tender technical specifications.</p> | <p>h)The exhaust air cabinet should be manufactured and supplied by the supplier of wall and ceiling system supplies – Deleted.</p> <p>i) Return air exhaust cabinet should be made from SS-304 and should be from the same manufactured of wall panel – Deleted.</p> |
| 58 | <p>Item No.5</p> <p>PERIPHERAL LIGHTING AND CLEANROOM LUMINAIRES</p> <p>Point No. a)</p> <p>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</p> | <p>Luminaries cover should be made of highly resistant, disinfectant proof laminated safety glass / polycarbonate diffuser with stylish fine grained surface, glass pane with white coated steel frame.</p> <p>f. Size of Peripheral Light</p> |

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| | <p>Luminaries cover shall be made of polycarbonate diffuser instead of Safety glass and non-hygroscopic VHB gasket to ensure dust proofing. You are requested to kindly amend the same accordingly.</p> <p>Point No. f)</p> <p>Size of Peripheral Light shall be 2' x 2' or 3' x 1'</p> <p>Size of Peripheral Light mentioned in the tender is not accurate. It should be 581mm x 581mm. Kindly amend the same accordingly.</p> | <p>shall be 2' x 2' or 3' x 1' or 581mm x 581mm</p> |
| 59 | <p>Item No.6</p> <p>TOUCH SCREEN CONTROL PANEL</p> <p>Touch Screen Control Panel of 20" or more</p> <p>The size of Touch Screen Control Panel of 20" is very less. Kindly amend the same and mention 30-32" Touch Screen Control Panel.</p> <p>Point No. a</p> <p>The control panel should be touch screen panel. This control panel should work as the central control panel for the HVAC controls, instruction board, light control, gas alarms, etc. It should be European CE/UL Listed.</p> <p>1) The Control Panel shall work as the Central Control Panel for the HVAC Controls, Touch Screen, ON/ OFF Operation of OT Light. Kindly delete word "Instruction Board" from the specification.</p> <p>2) Complete OT Light can't be controlled from Touch Screen Control Panel, only On/OFF operations can be provided. Kindly amend "OT Light Control" and mention ON/OFF control of OT Light to be provided.</p> <p>Point No. f)</p> <p>Control of the Operating Light (major and Satellite) (on/off and intensity control) and on/off of Camera should be provided.</p> <p>Touch Screen Control Panel can only provide on/off operations of OT Light and not Camera Control.</p> | <p>1] Tender terms & conditions prevail.</p> <p>2] ON/OFF control of OT Light shall be provided</p> <p>f] On/Off operation of Camera shall be deleted</p> <p>h] Tender terms & conditions prevail.</p> |

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| | <p>You are requested to kindly delete the words “on/off of Camera” from the tender technical specifications.</p> <p>Point No. h)</p> <p>Temperature and humidity control for the room connected to the AHU. (Adjustable from the panel) The controller should be capable of adjusting the temp adjustment of +/- 5 Deg with in 5Minutes wherever separate AHU is provided for each OT".</p> <p>Temperature and Humidity control shall be provided by MOT Vendor but wiring for the same from AHU to inside OT shall be provided by Institute. Kindly add this point in the technical specifications of tender.</p> <p>Kindly add Touch Screen Control Panel and Isolation Panel System (IPS) should be of same make, same standard, i.e European CE.</p> | |
| 60 | <p>Item No.7</p> <p>X-Ray Film Viewer</p> <p>Point No. c) - Total 2 Nos Panels. Each panel should be able to illuminate films up to 14"x17" size. It may be One integrated wall Panel or adjacent.</p> <p>Please clarify and confirm, if you require a 2 Plate or 3 Plate X-ray Viewer. As per standard recommendations, size of X-ray Viewer should be 940mm x 640mm. Kindly mention the same in the technical specifications of tender.</p> | Tender terms & conditions prevail. |
| 61 | <p>Item No.8</p> <p>STORAGE UNIT</p> <p>Point No. a) - The Storage unit should be made with minimum 0.8-1.0 mm thick stainless steel panels and should be with same finish of OT walls.</p> <p>Please note that the Wall and Ceiling Panels asked in the tender is of SMS Material, while the Storage unit shall be made of SS 304 Material, hence the line stating “should be with same finish of OT walls” is not applicable and must be deleted from tender technical specifications. You are requested to kindly delete it.</p> | Bidder should provide suitable arrangement for continuous air circulation inside the Storage Unit to blow off stagnant air to prevent microbial growth. |

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| | <p>Point No. b The shelves should be of SS 304 with 2 or more. 25 mm dia holes on each shelf for air circulation inside the storage unit and removable for cleaning.</p> <p>1) It is mentioned that the Shelves should have 2 or more 25 mm dia holes on each shelf for air circulation inside the storage unit. Please note that this is a company specific line and not a standard recommendation. We therefore request you to kindly delete company specific line from tender technical specifications.</p> <p>Please note that the shelves inside the Storage unit are of fixed type and are not removable for cleaning. Hence we request you to kindly delete the line stating “removable for cleaning” from the tender technical specifications.</p> <p>Point No. c The storage unit should be divided 2 or more parts and each part should have individual glass doors. Each glass door shall be with 6mm dia 2 or more holes on each halve of storage unit.</p> <p>You are requested to kindly delete company specific lines from tender technical specifications, i.e “and each part should have individual glass doors. Each glass door shall be with 6mm dia 2 or more holes on each halve of storage unit.</p> | |
| 62 | <p>Item No.11 / 11A</p> <p>HERMETICALLY SEALED DOORS</p> <p>Point No. H) Door opening handle should be strong and sturdy. Material should be of SS</p> <p>Kindly amend and mention Door handle shall be made of SS / Aluminium.</p> | Tender terms & conditions prevail. |
| 63 | <p>Item No.12</p> <p>VIEW WINDOW (1.5m x 1m and 2m x 1.5m)</p> <p>Point No. d</p> <p>The window blinds should be operated with Remote Control and manually.</p> <p>Window blind can be operated with either remote</p> | <p>Size of window shall be 1500 x 1000 mm / 2000 x 1500 mm / 1200 x 1000 mm</p> <p>The window blinds should</p> |

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| | control or manual operations. Kindly amend and mention Remote Control / Manual. | be operated with Remote Control / manually”. |
| 64 | <p>Item No.15</p> <p>Electrical Installation</p> <p>Point No. d) - Earthed equipment bonding of all exposed metalwork should be provided</p> <p>Please note our scope of work is confined to SITC of Modular OT. This work should be deleted from the scope of work of MOT bidder, and should be done through specialized companies dealing in electrical works. Kindly delete this line from tender technical specifications.</p> | Tender terms & conditions prevail. |
| 65 | <p>Item No.18B</p> <p>RECORDING SYSTEM</p> <p>Point No.b) - Recording System should be full HD medical grade monitor LCD 19" touch screen or more.</p> <p>The size of Recording System mentioned of 19" touch screen is less. Standard size is minimum 21". Please amend the same accordingly.</p> | Size touch screen shall be 19" or more. |
| 66 | <p>Item No.19</p> <p>DOUBLE ARM MOVEABLE PENDANT FOR ANESTHETIST / SURGEON</p> <p>Kindly add the line in the Technical Specification of Pendant, i.e it should have inbuilt Lighting in the Pendant. This feature is for lighting in the OT & Pendant Area. Kindly add the same.</p> | Tender terms & conditions prevail. |
| 67 | <p>Item No.22</p> <p>ONLINE CENTRAL UPS</p> <p>It is mentioned that in case OT's are at different floor, then No. of UPS and standby for each floor or UPS wiring till OT will be in the scope of bidder.</p> <p>We request you to kindly provide OT Complex Drawing with OT Room and UPS Room marking in the drawings to enable us to quote as per your requirement. Since online UPS is very costly equipment, hence indicative rates can't be quoted in tender based on assumptions.</p> | Tender terms & conditions prevail. |
| 68 | Manufacturer Authorization | Tender terms & conditions |

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| | <p>Ref. Laminar Air Flow System</p> <p>Since you had asked for specific Authorization for Laminar Air Flow System, please clarify, if you require indigenous or imported equipment.</p> | prevail. |
| 69 | <p>Points to be added in tender:</p> <p>1) AHU of minimum 5000 CFM to be provided by Consignee.</p> <p>2) Outside OT Duct should be of Aluminium from Outside OT to AHU, please mention the same.</p> | Tender terms & conditions prevail. |
| 70 | <p>5 of Volume – I</p> <p>COMPLETION PERIOD: 6 months from the date of order of commencement.</p> <p>We request you to kindly change the COMPLETION PERIOD to 12 months instead of 6 months from the date of order of commencement because the volume of order is big and dependencies are huge.</p> | Period of Completion: 7 Months from date of order of commencement. |
| 71 | <p>5 of Volume – I</p> <p>Average annual financial turnover during the last three consecutive financial years [2015-2016, 2016-2017, 2017-2018] should be at least 30% of the estimated cost.</p> <p>Since, it is already July 2019. We request you to consider the financial turnover FY 2018-19 under the Average annual financial turnover during the last three.</p> | Tender terms & conditions prevail. |
| 72 | <p>5 of Volume – I</p> <p>The Applicant should meet the following minimum criteria for Pre-Qualification :</p> <p>Experience of having successfully completed similar work during last 7 years ending last day of month previous to the one in which tenders are invited should be either of the following :</p> <p>Three similar* completed works costing not less than the amount equal to 40% of the estimated cost.</p> <p>or Two similar* completed works costing not less than the amount equal to 50% of the estimated cost.</p> <p>or</p> | Tender terms & conditions prevail. |

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| | <p>One similar* completed work costing not less than the amount equal to 80% of the estimated cost.</p> <p>We wish to inform you that, we fulfill all your eligibility criteria to great extent. However, we have observed that the Pre- Qualification Criteria is restricted & biased to favour some proven cartel companies to participate. We also wish to inform you that from more than last 5 years this industry is in the hand of couple of peoples and they are making advantages of it. Unfortunately Govt. of India is also extending their support of them whereas there is lots of talent is available in the market for MoT. In view of this, we request you to kindly amend the Pre-Qualification Criteria in line with the Options requested below. This will ensure wider participation from various bidders including us and there will be a price advantage to HSCC in view of huge participation, price comparison, and no encouragement to cartelization.</p> <p>OPTION 1: Experience of having successfully completed similar nature of work during last 7 years including "Experience in Medical Gas Pipeline System" irrespective of the project value quantity.</p> <p>OPTION 2: The bidder should have successfully executed work of similar nature including MGPS in ONE 200 bedded Government/ Private Hospital in the past seven years. Performance certificates and work orders of the same need to be submitted.</p> <p>OPTION 3: Please allow prospective bidders to claim the experience of their principal / Original equipment manufacturers executed globally.</p> <p>OPTION 4: One similar* work in hand or under execution of Quantity not less than the quantity equal to 80% of the estimated quantity.</p> | |
| | <p>6 of Volume – I</p> <p>A solvency certificate from Applicant's bank (Nationalized/ Scheduled) that Applicant is solvent for the sum of 40% of the estimated cost. The certificate should not be more than one year old</p> <p>The requirement of Solvency certificate may please be reduced to 20% of estimated value instead of 40% or we humbly request you to remove this</p> | <p>Tender terms & conditions prevail.</p> |

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| | <p>requirement from the tender. This appears to be a restrictive condition of tender and this will result limited participation of the bidders.</p> | |
| 73 | <p>8 of Volume – I</p> <p>Joint venture companies shall not be allowed to participate in the bid.</p> <p>We request you to kindly allow the Joint venture companies to participate in this tender. This will enable more and more bidders to participate in the tender.</p> | Tender terms & conditions prevail. |
| 74 | <p>GCC - 10 of VOLUME – II</p> <p>Performance Security: The Contractor shall provide security for his proper performance of the Contract to the Employer within 15 days after the receipt of the Letter of Acceptance. The performance security shall be in the form of bank guarantee. The amount of the bank guarantee shall be 10 percent of the Contract Price. It shall be issued by a Nationalised bank of India. When providing such security to the Employer, the Contractor shall notify the Engineer of so doing.</p> <p>Performance BG should not be more than 5% of order value and submission must be minimum 30 days from the date of your firm order. In place of Nationalised Bank you should mention Scheduled banks.</p> | Performance BG should be 5% of order value. |
| 75 | <p>SCC-12 of Volume – III</p> <p>Bid Security: The Bidder shall furnish, as part of his Bid, a Bid Security of the amount of Rs. 39,70,000/- (Rupees Thirty Nine Lakhs Seventy Thousand Only) for Modular Operation Theatre, Hospital Block, AIIMS, Nagpur. No deviation shall be permitted from this.</p> <p>The Bid Security shall be in the form of a Demand Draft/Pay Order/Bank Guarantee in favour of HSCC (India) Ltd. Payable at New Delhi/NOIDA from any Nationalised/Scheduled bank.</p> <p>Bid Security may please be reduced to 1% of estimated value only which means Rs. 29.70 lac in place of Rs. 39.70 lac, you can understand that this blocks bidders finances as you know government takes long time in deciding the tender and then</p> | Tender terms & conditions prevail. |

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| | <p>returning the EMD and with this huge amount bidders cannot bid other on going and upcoming tenders even in your case you have floated three big tenders on almost on same dates. This is unfair and there is no such CVC guidelines for this huge EMD amount which some of you were referring in pre-bid meeting.</p> | |
| 76 | <p>SCC-38 of Volume – III</p> <p>Terms of Payment: For purposes of estimating the contract value of works executed for certificate of payment, the following norms shall be followed:</p> <ul style="list-style-type: none"> - 70 % of the BOQ contract rates on delivery of equipments at site after inspection ,passing and issue of dispatch clearance on pro-data basis. - 20% of BOQ contract rates on satisfactory take over certificate by client after erection and installation, testing and commissioning of equipments on pro-data basis. - 10 % of BOQ contract rates after successful completion of trial run of 30 days from the date of handover to the client <p>(1) Please amend the payment terms as : 85% against delivery of material on or before 30 days from the date of supply the material. 10% against installation on pro-rata basis within 30 days of submission of bills and balance 5% against testing and commissioning within 30 days of submission of bills, in case site is not ready or electrical supply, gas supplies are not provided, contractor payment will be released within 30 days of testing and commissioning against undertaking that as and when electricity and gases will be provided contractor will do the needful without any extra charges.</p> <p>(2) Since, your technical specifications asking for International standards which can only be met with foreign manufacturer in totality which clearly means that you are looking for imported components. In such case you should give an option for quoting in foreign currency and you need to pay these foreign suppliers by means of letter of credit, with this you will be 100% assured that you are</p> | <p>1) 75% of the BOQ contract rates on delivery of equipment at site after Inspection and Despatch Clearance Report on pro-rata basis.</p> <p>2) 15% of BOQ contract rates on Installation of MGPS.</p> <p>3) 10% of BOQ contract rates after final acceptance of system by the client</p> |

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| | <p>getting 100% imported material directly from manufacturers. This will avoid foreign makes stamping on local products, which is happening very commonly.</p> | |
| 77 | <p>1 of Volume – III</p> <p>TECHNICAL SPECIFICATIONS OF MODULAR OPERATION THEATRE</p> <p>We wish to inform you that the given technical specifications are make specific and biased towards some favorable and specific proven cartel companies. Under the circumstances you are requested to change/amend the technical specifications and make it generic; so that more and more bidders can participate in the tender with the best competitive prices which make you to come out of cartelization.</p> | Tender terms & conditions prevail. |
| 78 | <p>Technical specification : Page No. 1 Point no. 1 in Volume IV</p> <p>WALL& CEILING SYSTEM (SMS)</p> <p>The Wall & Ceiling system was erected at AIIMs Jodhpur, Bhopal, Rishikesh, Patna, Bhubneshwar& Raipur made up of Stainless Steel (SS-304 material). The recently concluded tendering process by HITES & NBCC for AIIMS, Bhandinda, Gwahati, Bilaspur and Gorakhpur also permitted SS-304 walls & ceiling panels. The Wall & Ceiling panels should be 0.8mm 304 Grade Stainless Steel sandwich (both side 0.8mm sheet) panel with core consisting of rigid polyurethane foam, which has been injected under high pressure, with a minimum density of 40 kg/m³. We request to allow wall & ceiling panels of SS-304 material as the SS-304 material is highly non-porous material which is best suited for the erection of Modular OT</p> | Tender terms & conditions prevail. |
| 79 | <p>Technical specification : Page No. 6 & 7 Point no. 11 & 11A in Volume IV</p> <p>HERMETICALLY SEALED DOORS The door material should be of SMS Color should match the interior and care should be taken to make the leaf strong and light weight.</p> <p>Kindly also allow door material of SS-304 &</p> | Tender terms & conditions prevail. |

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| | <p>colour will match the interior of the OT. The reason will same as explained above in the wall & ceiling column.</p> | |
| 80 | <p>Pre-Qualification Criteria: Page 5, Point 2.2 (ii)</p> <p>Three similar* completed works costing not less than the amount equal to 40% of the estimated cost. or Two similar* completed works costing not less than the amount equal to 50% of the estimated cost. or One similar* completed work costing not less than the amount equal to 80% of the estimated cost.</p> <p>The estimated cost of the project is very high and therefore, the present PQ condition will restrict bidder to qualify for this tender. The financial capability of the bidder can be checked thru other parameter like average turnover clause, a solvency certificate and networth of the company and these parameters are alreday listed in the tender. Many prestigious hospital like AIIMS, Delhi & tendering authorities like HITES has relaxed PQ condition for the other new AIIMS tenders to attract bidders.. So, we request you to relax it to 10% single order of estimated value and total cumulative 50% of the estimated value project work to be completed during last 7 years</p> | Tender terms & conditions prevail. |
| 81 | <p>5 1.2 COMPLETION PERIOD</p> <p>6 months from the date of order of commencement</p> <p>Going by the outlets disposition chart of MGPS tender, the OT's are in three different floors- ground floor (2 nos.), first floor (23 nos.) and third floor (2 nos.).</p> <p>Since AIIMS projects are done in phases, we request more clarity on readiness of the site to carry out the works within the stipulated time period and accordingly accept PBG to commence work.</p> | Period of Completion: 7 Months from date of order of commencement. |
| 82 | <p>Pg. no. SCC-14</p> <p>Clause 15 (C)</p> <p>The Contractor must fill up price in Indian Rupees against each item of BOQ (Volume V) online both in words and figures in the blank spaces provided in the respective columns.</p> | Tender terms & conditions prevail. |

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| | Request that imported items be allowed to be quoted in Euro/US Dollar and payment through Letter of Credit be allowed. This will greatly reduce our financial stress | |
| 83 | <p>Pg. no. GCC Page #10</p> <p>10.1 Performance security</p> <p>The amount of the bank guarantee shall be 10 percent of the Contract Price</p> <p>Request that the performance guarantee be lowered to 5 percent of contract price since the estimated cost is higher.</p> | Performance security shall be 5% of contract Value. |
| 84 | <p>Pg. 1 of Volume -IV Technical Specifications</p> <p>WALL PANELING SYSTEM & CEILING PANELING SYSTEM</p> <p>Wall and ceiling system, Sub frame and Sealing Gaskets must be of same manufacturer</p> <p>We request you to include principal company as well and amend as “Wall and ceiling system, Sub frame and Sealing Gaskets must be of same manufacturer/ principal company</p> <p>ii) Wall panels: f. Reaction to fire class 1 norm</p> <p>We request you to amend as “Reaction to fire class 1 norm or equivalent” since class 1 norms are specific to certain companies</p> | Tender terms & conditions prevail. |
| 85 | <p>Pg. no. 9 & 10</p> <p>18 HD LED FLAT PANEL MEDICAL GRADE MONITOR</p> <p>d)</p> <p>-HD Flat Panel Monitor should be done according to IP 54 regulations. -ESG Safety Glass Cover is must to protect the Monitor Screen from breakage and for additional Safety of Patient. -Video Connectors on the back side of Monitor is to be hide by Cover of Aluminum from the Back side of Monitor.</p> | Tender terms & conditions prevail. |

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| | <p>Highlighted points are specific to a particular manufacturer hence request you to delete these points. This is restricting participation of other companies/ suppliers. Moreover, these points have no added advantage over the functionality and the utility of the equipment</p> | |
| 86 | <p>Pg. no. 10</p> <p>18B RECORDING SYSTEM</p> <p>g) Recording system should be integrated streaming with streaming.</p> <p>Request you to provide more clarity on this point since the sentence is vague.</p> <p>h) ESG Safety Glass Cover is must to protect the Monitor Screen from breakage and for Additional Safety of Patient.</p> <p>i) Recording system should be done according to IP 54 regulations.</p> <p>Highlighted points are specific to a particular manufacturer hence request you to delete these points. This is restricting participation of other companies/ suppliers. Moreover, these points have no added advantage over the functionality and the utility of the equipment</p> | Tender terms & conditions prevail. |
| 87 | <p>Pg.11</p> <p>18C MONITOR –DIGITAL DISPLAY (PACS/HMIS)</p> <p>e) HD Flat Panel Monitor should be done according to IP 54 regulations.</p> <p>f) ESG Safety Glass Cover shall be used to protect the Monitor Screen from breakage and for additional Safety of Patient.</p> <p>i) Video Connectors on the back side of Monitor is to be hide by Cover of Aluminium from the Backside.</p> <p>Highlighted points are specific to a particular manufacturer hence request you to delete these points. This is restricting participation of other companies/ suppliers. Moreover, these points have no added advantage over the functionality and the utility of the equipment</p> | Tender terms & conditions prevail. |
| 88 | Pg. 11 & 12 | Tender terms & conditions |

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| | <p>19. PENDANTS FOR ANESTHETIST AND SURGEON</p> <p>m) Shelf of Pendant should be made of High-quality Bio- Clean Material</p> <p>Request you to delete this point since it is specific to a particular company. This is restricting participation of other companies/suppliers. Pendants manufactured by most companies are cleanable with hospital disinfectants</p> <p>n) Pendant should have Anti-microbial Coating.</p> <p>Request you to delete this point since it is specific to certain company. This is restricting participation of other companies/suppliers. Pendants manufactured by most companies are cleanable with hospital disinfectants</p> | prevail. |
| 89 | <p>Vol. I, Page No. 3</p> <p>Completion Period mentioned : 6 months</p> <p>It should be at least 12 months, there are 27MOT's, It's a big project.</p> | Period of Completion: 7 Months from date of order of commencement. |
| 90 | <p>Vol. I, Prequalification Criteria- Page No. 5-6, Clause No. : 2.2</p> <p>(ii) Experience of having successfully completed similar work during last 7 years ending last day of month previous to the one in which tenders are invited should be either of the following :</p> <p>The Successful completed Similar Work should count from the last date of submission of tender.</p> | Experience of having successfully completed similar work during last 7 years ending last date previous to the date of submission of tender |
| 91 | <p>Vol.-III, SCC Page No.-38, Clause no. 21.0 Terms of Payment</p> <p>1) 70% of the BOQ contract rates on delivery of equipments at site after inspection and passing on pro-data basis. 2) 20% of BOQ contract rates on satisfactory take over certificate by client after erection and installation, testing and commissioning of equipments on pro-data basis. 3) 10 % of BOQ contract rates after successful completion of trial run of 30 days from the date of</p> | <p>1) 75% of the BOQ contract rates on delivery of equipment at site after Inspection and Despatch Clearance Report on pro-rata basis. 2) 15% of BOQ contract rates on Installation of MGPS. 3) 10% of BOQ contract rates after final acceptance of system by the client</p> |

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| | <p>handover to the client on pro-data basis.</p> <p>1) 80% of the BOQ contract rates on delivery of equipments at site after inspection and passing on pro-data basis.</p> <p>2) 15% of BOQ contract rates on satisfactory take over certificate by client after erection and installation, testing and commissioning of equipments on pro-data basis.</p> <p>3) 5 % of BOQ contract rates after successful completion of trial run of 30 days from the date of handover to the client on pro-data basis.</p> | |
| 92 | <p>Page No. 2</p> <p>iv. Ceiling Panel</p> <p>The hermetic suspended ceiling should be a loading structure in heavy gauge material forming the grid on which the ceiling panels made of Solid Mineral Composite Sheet (SMS) thickness of 03mm. The total thickness of panel including Aluminum backing should not be less than 18mm.</p> <p>The total thickness of panel including Aluminum backing should not be 18 mm. It will become very heavy structure and there is always fear that the ceiling may fall. There is no matter of heavy gauge material, if Aluminum backing strength density quality is good.</p> | Total Thickness of Ceiling Panel: 09 mm or more. |
| 93 | <p>Page No. 4</p> <p>4. Internal HVAC Ducting & Exhaust System</p> <p>h) The exhaust air cabinet should be manufactured and supplied by the supplier of wall and ceiling system supplies.</p> <p>How is possible that both items supplier will be same. Whereas HVAC Ducting work is Indian item & Wall and Ceiling System (SMS) is Imported.</p> | h) The exhaust air cabinet should be manufactured and supplied by the supplier of wall and ceiling system supplies – Deleted. |
| 94 | <p>Page No. 6 & 7</p> <p>11. Hermetically Sealed Door</p> <p>A- Door of 2.1 m x 1.8 m (W)</p> <p>The proper size of the door is 2.1 m x 1.5 m wide.</p> | Tender terms & conditions prevail. |
| 95 | <p>Page 9</p> <p>OT Light - LED</p> <p>f) Controls : Control Panel (wall and on dome)</p> | Tender terms & conditions prevail. |

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| | Wall Panel control is useless, the same facility is available on dome and in touch screen control panel also. | |
| 96 | Quality standards-European CE with 4 digit notified body no/US FDA/ETL/UL etc for the quoted model | Quality standards- BIS /European CE with 4 digit notified body no/US FDA/ETL/UL etc for the quoted model |
| 97 | <p>X-Ray Film Viewer Point No. c) - Total 2 Nos Panels. Each panel should be able to illuminate films up to 14"x17" size. It may be One integrated wall Panel or adjacent.</p> <p>Request for amendment Please clarify and confirm, if you require a 2 Plate or 3 Plate X-ray Viewer. Kindly clarify the same.</p> <p>As per standard recommendations, size of X-ray Viewer should be 940mm x 640mm. Kindly mention the same in the technical specifications of tender.</p> | <p>2 Plate X-Ray Viewer</p> <p>Tender terms and conditions prevail</p> |
| 98 | <p>STORAGE UNIT Point No. a) - The Storage unit should be made with minimum 0.8-1.0 mm thick stainless steel panels and should be with same finish of OT walls.</p> <p>Request for amendment Please note that the Wall and Ceiling Panels asked in the tender is of SMS Material, while the Storage unit shall be made of SS 304 Material, hence the line stating "should be with same finish of OT walls" is not applicable and must be deleted from tender technical specifications. You are requested to kindly delete it.</p> <p>a. The shelves should be of SS 304 with 2 or more. 25 mm dia holes on each shelf for air circulation inside the storage unit and removable for cleaning.</p> <p>Request for amendment</p> <p>1) It is mentioned that the Shelves should have 2 or more 25 mm dia holes on each shelf for air circulation inside the storage unit. Please note that this is a company specific line and not a standard recommendation. We therefore request you to kindly delete company specific line from tender technical specifications.</p> <p>2) Please note that the shelves inside the Storage unit are of fixed type and are not removable for cleaning. Hence we request you to kindly delete the line stating "removable for cleaning" from the tender technical specifications.</p> <p>b. The storage unit should be divided 2 or</p> | <p>Storage Unit shall be of SMS /SS-304 material.</p> <p>1] Provision of air circulation is to be provided by the contractor inside storage cabinet to prevent microbial growth.</p> <p>2] Deleted</p> <p>Provision of air circulation is to be provided by the contractor inside storage cabinet to prevent microbial growth.</p> |

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| | <p>more parts and each part should have individual glass doors. Each glass door shall be with 6mm dia 2 or more holes on each halve of storage unit.</p> <p>Request for amendment You are requested to kindly delete company specific lines from tender technical specifications, i.e “and each part should have individual glass doors.Each glass door shall be with 6mm dia 2 or more holes on each halve of storage unit.</p> | |
| 99 | <p>HERMETICALLY SEALED DOORS</p> <p>Point No. H) Door opening handle should be strong and sturdy. Material should be of SS</p> <p>Request for amendment Kindly amend and mention Door handle shall be made of SS / Aluminum.</p> | Tender terms and conditions prevail |
| 100 | <p>VIEW WINDOW (1.5m x 1m and 2m x 1.5m)</p> <p>Request for amendment The size of View window mentioned in tender is specific to one company. Kindly amend the same as follows: 1500 x 1000 mm 2000 x 1500 mm 1200 x 1000 mm etc.</p> <p>Point No. d The window blinds should be operated with Remote Control and manually.</p> <p>Request for amendment Window blind can be operated with either remote control or manual operations. Kindly amend and mention Remote Control / Manual operation. Kindly amend the line to “The window blinds should be operated with Remote Control / manually”.</p> | <p>Size of window shall be 1500 x 1000 mm / 2000 x 1500 mm / 1200 x 1000 mm</p> <p>The window blinds should be operated with Remote Control / manually”.</p> |
| 101 | <p>ONLINE CENTRAL UPS</p> <p>It is mentioned that incase OT’s are at different floor, then No. of UPS and standby for each floor or UPS wiring till OT will be in the scope of bidder.</p> <p>Request for amendment We request you to kindly provide OT Complex Drawing with OT Room and UPS Room marking in the drawings to enable us to quote as per your requirement. Since online UPS is very costly equipment, hence indicative rates can’t be quoted in tender based on assumptions.</p> | Tender terms and conditions prevail |

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| 102 | <p>Manufacturer Authorization</p> <p>Laminar Air Flow System</p> <p>Request for amendment</p> <p>Since you had asked for specific Authorization for Laminar Air Flow System, please clarify, if you require indigenous or imported equipment.</p> | Tender terms and conditions prevail |
| 103 | <p>Clause 15 (C)</p> <p>The Contractor must fill up price in Indian Rupees against each item of BOQ (Volume V) online both in words and figures in the blank spaces provided in the respective columns.</p> <p>Request that imported items be allowed to be quoted in Euro/US Dollar and payment through Letter of Credit be allowed. This will greatly reduce our financial stress</p> | Tender terms and conditions prevail |
| 104 | <p>WALL PANELING SYSTEM & CEILING PANELING SYSTEM</p> <p>Wall and ceiling system, Sub frame and Sealing Gaskets must be of same manufacturer</p> <p>We request you to include principal company as well and amend as "Wall and ceiling system, Sub frame and Sealing Gaskets must be of same manufacturer/ principal company"</p> | Tender terms and conditions prevail |
| 105 | <p>ii) Wall panels:</p> <p>f. Reaction to fire class 1 norm</p> <p>We request you to amend as "Reaction to fire class 1 norm or equivalent" since class 1 norms are specific to certain countries</p> | Tender terms and conditions prevail |
| 106 | <p>18 HD LED FLAT PANEL MEDICAL GRADE MONITORd)</p> <p>-HD Flat Panel Monitor should be done according to IP 54 regulations.</p> <p>-ESG Safety Glass Cover is must to protect the Monitor Screen from breakage and for additional Safety of Patient.</p> <p>-Video Connectors on the back side of Monitor is to be hide by Cover of Aluminum from the Back side of Monitor.</p> | |

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| | <p>Request for Highlighted points are specific to a particular manufacturer hence request you to delete these points. This is restricting participation of other companies/ suppliers. Moreover, these points have no added advantage over the functionality and the utility of the equipment</p> | Tender terms and conditions prevail |
| 107 | <p>18B RECORDING SYSTEM</p> <p>Recording system should be integrated streaming with streaming.</p> <p>Request you to provide more clarity on this point since the sentence is vague.</p> <p>h) ESG Safety Glass Cover is must to protect the Monitor Screen from breakage and for Additional Safety of Patient.</p> <p>n) Recording system should be done according to IP 54 regulations.</p> <p>Request for Highlighted points are specific to a particular manufacturer hence request you to delete these points. This is restricting participation of other companies/ suppliers. Moreover, these points have no added advantage over the functionality and the utility of the equipment</p> | <p>Tender terms and conditions prevail</p> <p>Tender terms and conditions prevail</p> |
| 108 | <p>18C MONITOR — DIGITAL DISPLAY (PACS/HMIS)</p> <p>HD Flat Panel Monitor should be done according to IP 54 regulations.</p> <p>ESG Safety Glass Cover shall be used to protect the Monitor Screen from breakage and for additional Safety of Patient.</p> <p>i) Video Connectors on the back side of Monitor is to be hide by Cover of Aluminium from the</p> <p>Request for Highlighted points are specific to a particular manufacturer hence request you to delete these points. This is restricting participation of other companies/ suppliers. Moreover, these points have no added advantage over the functionality and the utility of the equipment</p> | Tender terms and conditions prevail |
| 109 | <p>19. PENDANTS FOR ANESTHETIST AND SURGEON</p> <p>m) Shelf of Pendant should be made of High-</p> | |

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| | <p>quality Bio- Clean Material</p> <p>Request you clarify the meaning of Bio- Clean material.</p> <p>This point since it is specific to a particular company. This is restricting participation of other companies/suppliers. Pendants manufactured by most companies are cleanable with hospital disinfectants</p> | Tender terms and conditions prevail |
| 110 | <p>n) Pendant should have Anti- microbial Coating.</p> <p>Request you to delete this point since it is specific to certain company. This is restricting participation of other companies/suppliers. Pendants manufactured by most companies are cleanable with hospital disinfectants</p> | Anti- microbial Coating /Powder coating |
| 111 | <p>21. Isolation transformer</p> <p>Isolation Panel System of minimum 20 KVA should be provided for every operation theatre which ensures the safety of staff and patient. System should have isolators provided through leakage relays etc. (If required) according to IEC recommendation. This unit should be EN/CE/UL/BIS/FDA/IEC certified. These systems are to be commissioned by specialists.</p> <p>IEC regulations are valid up to 10 KVA only. As per your requirement of 20 KVA, 2 nos. of 10 KVA system must be installed.</p> <p>Request you to clarify whether space is available for accommodating 2 nos.</p> | Tender terms and conditions prevail |
| 112 | <p>The bid submission date is extended from 12.07.2019 to 19.07.2019</p> <p>Request you to extend the deadline by another week to 26th July 2019</p> | Extension of date of submission is mentioned below. |
| 113 | <p><u>1- Volume IV, Technical Specifications: Page 17, Manufacturer Authorization</u></p> <ol style="list-style-type: none"> 1. OT Light with HD Camera 2. HD Flat Panel Monitor 3. Pendants for Anesthetist and Surgeon 4. Recording System 5. Laminar Air Flow System | Tender terms and conditions prevail |

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| | <p>6. Wall & Ceiling system (SMS)</p> <p>7. Touch Screen Control Panel</p> <p>8. Monitor Digital Display (PACS/HMIS)</p> <p><u>Our Request:</u> We request authorisation letter of important items such as Wall & Ceiling System (SMS), OT Light with HD Camera, Pendant for Anesthetist and Surgeon,</p> <p>Laminar Air Flow and Touch Screen Control Panel should be asked instead of secondary items HD Flat Panel Monitor, Recording System, Monitor Digital Display (PACS/HMIS).</p> <p>We request, Authorisation Letter of HD Flat Panel Monitor, Recording System, Monitor Digital Display (PACS/HMIS) should be deleted.</p> | |
| 114 | Taking into the consideration of above factors, we sincerely request you to kindly allow a minimum 14 days' time i.e. upto 1 st August 2019 to arrange and submit most suitable competitive price for all the tenders. | Extension of date of submission is mentioned below. |
| 115 | We would like to request that the date for uploading the above mention tender should at least be extended by 21 days from the date of uploading of the amendment as this is a very big/huge tender and needs lots of documentation to be arranged from our principal companies which is a time consuming process and requires time. | Extension of date of submission is mentioned below. |
| 116 | The area taken for Wall and ceiling of the OT is on the higher side. Normally the area for one Modular Operation Theatre is approx. 105-110 sqmts where as in the BOQ it is around 162 sqmts which is on the higher side. Similarly the flooring area is on the higher side, normally the flooring area of an MOT is approx 35 sqmts where as in the BOQ of this tender it is around 69 sqmts which is also on the higher side. By reducing both Wall & Ceiling and Flooring areas, there will be a change in the budget of this tender. | Tender terms and conditions prevail |
| 117 | In your amendment no 2, point no 13, Touch screen control panel, it is amended that Certification should be BIS/European CE Certified with notified 4 digit body no. / UL Listed. Our submission is that no Indian company has BIS certification for this product and also it does not fall under this category, So it BIS be amended to CE/ISO. | Tender terms and conditions prevail |

Revised BOQ is attached.

The bid submission date is extended from 22.07.2019 to 29.07.2019 and bid security should be valid for 180 days from the date of original bid submission ie. from 15.07.2019.

All other terms & conditions remain unchanged.

Sr. Chief General Manager -I , HSCC (I) Ltd.
For & on behalf of Director, AIIMS, Kalyani

BILL OF QUANTITY

Package- Supply, installation, testing and commissioning of MODULAR OT on turnkey basis with 5 year warranty

Name of Bidder M/s:-

| Item No. | Description | Unit | Qty | Rate in Fig in Rs. | Rate in Words in Rupees | Amount in Rs. |
|----------|--|------|------|--------------------|-------------------------|---------------|
| | | | | | | |
| 1.0 | WALL & CEILING SYSTEM (SMS) Complete with all accessories as per tender specification | SQM | 4381 | | | 0.00 |
| 2.0 | PVC FLOORING WITH SELF LEVELLING (ANTISTATIC CONDUCTIVE ROLL) Complete with all accessories as per tender specification | SQM | 1858 | | | 0.00 |
| 3.0 | LAMINAR AIR FLOW SYSTEM, Complete with all accessories as per tender specification | Nos | 27 | | | 0.00 |
| 4.0 | INTERNAL HVAC DUCTING AND EXHAUSTION SYSTEM Complete with all accessories as per tender specification | Nos | 27 | | | 0.00 |
| 5.0 | PERIPHERAL LIGHTING AND CLEAN ROOM LUMINARIES Complete with all accessories as per tender specification | Nos | 250 | | | 0.00 |
| 6.0 | TOUCH SCREEN CONTROL PANEL Complete with all accessories as per tender specification | Nos | 27 | | | 0.00 |
| 7.0 | X-RAY FILM VIEWER Complete with all accessories as per tender specification | Nos | 27 | | | 0.00 |
| 8.0 | STORAGE UNIT Complete with all accessories as per tender specification | Nos | 27 | | | 0.00 |
| 9.0 | HATCH BOX Complete with all accessories as per technical specification | Nos | 27 | | | 0.00 |
| 10.0 | PRESSURE RELIEF DAMPERS Complete with all accessories as per technical specification | Nos | 27 | | | 0.00 |
| 11.0 | HERMETICALLY SEALED DOOR (2100 X 1800mm) Complete with all accessories as per technical specification | Nos | 27 | | | 0.00 |
| 11A | HERMETICALLY SEALED DOOR (2100 X 1000mm) Complete with all accessories as per technical specification | Nos | 27 | | | 0.00 |
| 12.0 | VIEW WINDOW Complete with all accessories as per technical specification | Nos | 27 | | | 0.00 |

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| 13.0 | OPERATING LIST BOARD Complete with all accessories as per technical specification | Nos | 27 | | | 0.00 |
| 14.0 | SCRUB STATION Complete with all accessories as per technical specification | Nos | 27 | | | 0.00 |
| 15.0 | ELECTRICAL INSTALLATION Complete with all accessories as per technical specification | Nos | 27 | | | 0.00 |
| 16.0 | DISTRIBUTION BOARD Complete with all accessories as per technical specification | Nos | 27 | | | 0.00 |
| 17.0 | SURGICAL OT LIGHT LED WITH B. HD CAMERA Complete with all accessories as per technical specification | Nos | 27 | | | 0.00 |
| 18.0 | HD LED FLAT PANEL MEDICAL GRADE MONITOR Complete with all accessories as per technical specification | Nos | 27 | | | 0.00 |
| 18B | RECORDING SYSTEM Complete with all accessories as per technical specification | Nos | 23 | | | 0.00 |
| 18C | MONITOR –DIGITAL DISPLAY (PACS/HMIS) Complete with all accessories as per technical specification | Nos | 23 | | | 0.00 |
| 19.0 | PENDANTS FOR ANESTHETIST AND SURGEON | | | | | |
| 19A | DOUBLE ARM MOVEABLE PENDANT FOR ANESHTHETIST Complete with all accessories as per technical specification | Nos | 27 | | | 0.00 |
| 19B | DOUBLE ARM MOVEABLE PENDANT FOR SURGEON Complete with all accessories as per technical specification | Nos | 27 | | | 0.00 |
| 20.0 | MEDICAL GAS PIPELINE Complete with all accessories as per technical specification | Lot | 27 | | | 0.00 |
| 21.0 | ISOLATION TRANSFORMER Complete with all accessories as per technical specification | Nos | 27 | | | 0.00 |
| 22.0 | ON LINE CENTRAL UPS Complete with all accessories as per technical specification | Ls | 1 | | | 0.00 |
| 23.0 | TURNKEY WORKS | Ls | 1 | | | 0.00 |
| | | | | | SUB TOTAL Rs. | 0.00 |
| | PART-II | | | | | |
| SL.No 1 | Description of works | Unit | Qty | Rate in Fig in Rs. | Rate in Words in Rupees | Amount (Rs.) (In Figure) |
| | 2 | 3 | 4 | 5 | 6 | 7 |

