

**All Bidders****Amendment- V**

**Subject: Construction of Intensive Care Units (ICUs) including Turn Key Works at Jai Prakash Narayan AIIMS Trauma Centre, New Delhi.**

**IFB No. : HSCC/SES/ICU/AIIMS-TRAUMA/2015**

This has reference to above IFB No. for the Subject works.

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.

**ICU AIIMS TRAUMA BIDDERS QUERY**

Sr. No.	Bidder's Query	Clarification/Amendment
1.	<p>Existing Clause of the Tender <u>Volume-I, Pre-Qualification Documents; prequalification Criteria, Clause no. 2.2</u></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>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%ofthe estimated cost. or One similar" completed work costing not less than the amount equal to 80% of the estimated cost.</p> <p>One completed work of any nature (either part of 2,2,{ii) or separate one costing not less than the amount equal to 40%to the estimated cost with some Central/State Government organization Central Autonomous</p>	Tender Terms & Conditions prevails.

	<p>body/Central Public Sector Undertaking.</p> <p>*Similar nature of works means successful construction of Hospitals/ICUs/Operation Theatres.</p> <p>It is requested that "In case, the qualifying experience certificate is from Private sector/ Charitable Hospital, the vendor should submit the TDS certificate as a proof of having executed the said work," The TDS certificate of same value as supporting document will prove the authentication of Private work completed.</p> <p>We request that TDS Certificate should be asked for the justification of the actual value of the order declared against the experience of similar nature of work.</p>	
2.	<p><u>Existing Clause of the Tender Pre-Qualification Criteria, 2.2(ii),4th Paragraph</u></p> <p>A Certificate from client for completion of work(s) must be submitted along with application. Own works/ Certification of agencies shall not be considered for prequalification.</p> <p><b><u>Request:-</u></b></p> <p>Please appreciate 99% of the tenders are floated by the Tender empowering Agencies. Complete work right from tendering, evaluation, award of work and till completion and commissioning of work the same is being looked after by agencies such as M/s HLL, M/s HSCC, M/s EIL, M/s Mecon, M/s PWD, M/s CPWD, M/s L&amp;T,V3S etc. Hence the completion certificate is also provided by the consultants, which is itself Authority to issue completion certificate on behalf of the owner. Hence this clause may please be amended as certificate of agencies should be acceptable.</p>	Tender Terms & Conditions prevails.
3.	<p><u>Existing Clause of the Tender Document Volume-III, Page no. GCC- Page#47 Clause no. 54.3 Customs Clearance</u></p> <p>The Employer will use his best endeavours in assisting the</p>	Tender Terms & Conditions prevails

	<p>Contractor, where required, in obtaining clearance through the Customs of Contractor's Equipment, materials and other things required for the Works. But the ultimate responsibility for getting any required customs clearance shall be of the contractor.</p> <p><b><u>Requested:-</u></b> As discussed during pre-bid meeting, kindly clarify the Custom Duty Exemption Certificate will be provided by the Institute or not.</p>	
4.	<p><b><u>Existing Clause of the Tender Document</u></b> <u>Volume-III, Pageno.SCC-9,Clause no.1.5 Time for Completion</u></p> <p>The successful Bidder shall complete the Works within 4 (Months) <b>Calendar months</b> from Consultant's order to commence the Work.</p> <p><b><u>Requested:-</u></b> We request the Delivery Schedule may please be amended as 6 (Month) Calendar months instead of 4 (Four) Calendar months as mentioned. You would appreciate that this is a Big Project and arranging such a huge quantity of material takes lot of time and resources. The manufacturing itself takes 2 months and subsequently the shipment/transaction also takes minimum of 2 months time.</p> <p>How we can meet the 4 months delivery schedule. This is a project and not mere supply of equipments which is a tedious job and involve lot of stages and most of the items like wall ceiling, ICU Pendants are tailor made items and some of them are imported for which procurement only starts after approval of final drawing which is a time consuming process.</p>	Completion period may be read as 6 months instead of 4 months.
5.	<p><b><u>Existing Clause of the Tender Document</u></b> <u>Volume III, Special Conditions of Contract, Page no. 21.0 Terms of payment</u></p> <p>For purposes of estimating the contract value of works executed for certificate of payment, the following norm shall be followed:</p>	<p>Payment terms may be read as</p> <p>- 70% of payment on delivery of equipments at site after inspection and passing on pro-rata</p>

	<p>1) 65% of the BOQ contract rates on delivery of equipments at site after inspection and passing on pro-data basis.</p> <p>2) 25% 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.</p> <p><b>Requested:-</b>  We request, the payment terms should be:  -70% of payment should be released on delivery of goods.  -20% of payment may please be released on installation and testing.  -10% payment on commissioning and successful testing and handover.</p>	<p>basis.</p> <ul style="list-style-type: none"> <li>- 20% of payment on installation, testing and commissioning on pro rata basis.</li> <li>- 10% payment on satisfactory handover to AIIMS Trauma.</li> </ul>
<p>6.</p>	<p><u>Existing Clause of the Tender Document</u>  <u>Volume V, Bill of Quantities (BOQ),Existing BOQ Item, 2</u>  Part III: Comprehensive Maintenance Charges for the complete Intensive Care Unit.</p> <p><b>Requested:-</b>  We request the Comprehensive Maintenance Charges (CMC) should be fixed/freezed. After the defect liability period, we have come across in many tenders that the bidders play with the main prices i.e.they add the CMC charges in main price bid itself and when the turn comes of CMC they raise their hands. In many states for example Rajasthan, Maharashtra etc. they have fixed the Annual Maintenance Charges as 2% and Comprehensive Maintenance Charges as 4%. By doing this, apple to apple comparison of tender can be evaluated.</p> <p>We request the Comprehensive Maintenance Charges (CMC) should be the responsibility of the Company who has executed the entire work. We have come across that this part of the tender is out sourced to other company. Kindly ensure that same should not happen.</p>	<p>Tender Terms and conditions prevail.</p>

7.	<p>Existing Clause of the Tender Document Detailed Tender Information, Last date to fill/upload the tender through e-tendering. As mentioned, the Last date to fill/upload the tender through e-tendering is 30.03.2016, 14.30 hrs. Since this is a big and prestigious tender and most of the items are imported subsequently lot of clarifications/confirmations on technical specifications are required from foreign principals.</p> <p>Please appreciate the pre-bid meet held on dated 23.03.2016 and subsequently the bidders will submit their Technical &amp; Commercial Clarifications/suggestions.</p> <p>We sincerely request M/s HSCC to kindly provide us minimum of 15 days after Final Amendment of Tender to incorporate all the changes/amendments, enabling us to prepare and submit Competitive bid. Accordingly we request the tender may please be extended.</p>	Extended to 26.05.2016
	<p><b><u>Technical Suggestion Modular OT and Minor OT, Volume IV of Technical Specifications</u></b></p>	

<p>8.</p>	<p><b>Page no. 1, Technical Specification 1.</b>  <b>WALL &amp; CEILING SYSTEM:</b>  <b>Steel Structure:</b> The Framework should be made of upright profiles entirely made of a galvanized steel sheet of suitable thickness. The structural steels shall have suitable section for rigidity and bearing the loads. The structure components should be joined together by means of coupling systems in order to create a solid rectangular frame, able to support different infill panels.</p> <p>-The “Z”/”C”/”I” suitable upright forms the vertical part of the frame and should be equipped with proper slot suitable for the panel coupling without screws. The profile should be the elements that constitute the basic module of the structure. The “U” profiles shall be placed in horizontal position on the upper and lower part of this structure. "U" shaped upper and lower extruded aluminium track profile should be suitably sized to support the weight of the self-loading modules.</p> <p>-The bottom "U" track profile should be prearranged to receive a pressed skirting profile or, optionally, an integral cove profile. The "U" track profile should be prearranged to accommodate a double set of balloon seals designed to ensure airtight compartment and compensate for screed/floor level differences.</p> <p>-The upright should be fitted in such a way as to accommodate click-fitting of a co-extruded upright gasket providing a vertical seal on the rear sides of the finishing panels. The gasket should be profiled in turn to receive, with click-fit system.</p> <p>The front of the upright features a series of regularly spaced slots to allow the connection with interlocking gravity system of the finishing panels, after vertical level adjustment. The lower part of the system should be able to compensate for significant level differences and overcome imperfections and irregularities in the slab/floor. Spacer profile should be used to absorb level differences of the slab/floor and capable of connecting the finishing panel to the integral cove profile (if present), allowing the subsequent installation of resilient flooring with suitable upward curvature up to a nominal level of 100 mm.</p> <p><b>Suggestion</b></p> <p><b>Wall &amp; Ceiling System : It should be European CE Marked/UL Listed for quality assurance.</b></p> <p><b>Steel Structure:-</b> The structure components should be</p>	<p>European CE  Marked/UL Listed  Tender terms prevail for  the remaining queries</p>
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	<p>joined together by means of coupling systems in order to create a solid frame, able to support different infill panels <u>with a load not less than 20 Kg/sqm.</u></p> <p>The profile should be the elements that constitute the basic module of the structure. The "U" profiles shall be placed in horizontal position on the upper and lower part of this structure. "U" shaped upper <b><u>and lower galvanized steel sheet profile should be suitably</u></b> sized to support the weight of the self-loading modules.</p> <p>The structure shall be provided with stiffening ledgers or profiles for sliding door fixing and other accessories according to needs. Total thickness of the partition <b><u>wall:80 mm</u></b></p> <p>-</p> <p><b><u>The corners shall be made with same material of other walls and structure. the corners shall have a shape of 135° refer to the adjacent wall and must be fixed with same system. Corners should have two air extraction greed down and upper side of 135° wall.</u></b></p> <p>-</p> <p>Suspended ceiling perimeter support profile should be made of aluminium profile to be fitted, after installation of the finishing panels, the suspended ceiling perimeter support profile should be equipped <b><u>with a sealing system:</u></b> a lip seal gasket at the base, designed to provide horizontal compartmentalization at the rear of the <b><u>finishing panels.</u></b></p>	
9.	<p>Page 4, Technical Specification d. Wall panels:</p> <p>-</p> <p>Wall panel system shall be provided in one side with composite finishing panels in Antibacterial Solid Mineral Surface material. External facing should be bacteriostatic, dense and non-porous material.</p> <p><b>Suggestion</b> D. Wall Panels.</p> <p>-</p> <p>Wall panels shall be composite panels. The finishing of which should be either in Acrylic Bound Solid Surface Material Sheet, or in alternative any other solution that can guaranty solidity, material's compact property which makes it suitable for long lasting use, easy to clean, chemically stable and warm to the touch.</p> <p>-</p> <p>Internal balancing core with suitable geometry to ensure</p>	Tender terms prevail.

	<p>the maximum rigidity, and made with a stable, light and non oxide materials like aluminium.</p>	
<p>10.</p>	<p><b>Page 3, Technical Specification</b></p> <p><b>Sub frame</b></p> <p><b>Horizontal guides</b> (upper and lower) sized to support the modules and prearranged for the future attachment of the curved connecting profile.</p> <p>-</p> <p><b>Upright</b> made of galvanized steel pillars with broad cross section and dual cavity, with geometry designed to achieve exceptional rigidity.</p> <p>-</p> <p>The upright should be shaped in order to accommodate a vertical gasket.</p> <p>-</p> <p>The upright features a series of slots arranged at a constant centre distance to accept the sealing gaskets and allow the suspension of partition panels by means of a gravity interlocking system.</p> <p>-</p> <p><b>A mechanical device</b> for connection between upright and horizontal profiles makes it possible to adjust and secure the profiles, ensuring the maximum rigidity and self-loading capacity of the system. This uprights level adjustment system makes it possible to compensate for floor level differences.</p> <p><b>Suggestion</b></p> <p><b>Sub Frame</b></p> <p>-Horizontal guides (upper and lower) sized to support the complete structure and prearranged for the attachment of the upright unit.</p> <p>- <b>Upright</b> made of galvanized steel pillars with broad cross section and dual cavity, with geometry designed to acheve exceptional rigidity. The galvanization procedure must be made after mechanical and cutting work are made, in order to avoid any possible surface, even small, not coated that can be oxidide.</p> <p>- <b>A mechanical device</b> for connection between upright and horizontal profiles makes it possible to adjust and secure the profiles, ensuring the maximum rigidity and self-loading capacity of the system. This uprights level adjustment system make it possible to compensate for floor level differences.</p>	<p>Tender terms prevail.</p>



11.	<p><b>Page no. 3, Technical Specification</b>  <b>Suspended Ceiling Panels</b>  The modular grid which shall be 600 x 1200 mm or higher.  <b>Suggestion</b>  We request it should be as mentioned in the Tender no. HSCC/SES/MOT/AIIMS-TRAUMA-2015 about modular Grid should be 600 x 600 mm, 600 x 1200 mm. Kindly amend.  -It should be European CE Marked/UL Listed for quality assurance, Please clarify.</p>	Grid should be 600 x 600 mm/600 x 1200 mm
12.	<p><b>Page no. 5 Technical Specification 7</b>  <b>Sliding Door (SS-304) (2100 x 1200) mm for ICU</b></p> <p>-Horizontal motorized Venetian blinds sandwiched in two parallel toughened glasses with 5 mm thick toughened glass fixed in double panel in both the lead with necessary arrangements.  <b>Suggestion</b>  -We request the Horizontal motorized blinds should be deleted as it is not possible and same has been discussed during the pre-bid meet.</p>	<p>Horizontal motorized blinds deleted.</p> <p>50 mm thick doors with vision Panel 600 x 600 mm .Heat Insulated material sand witched with SMS of 3 mm thickness Front and back Panel. Powder coated Aluminium Frame of suitable thickness.</p>
13.	<p><b>Page 6 &amp; 7, Technical Specifications 12 and other Item no. 13, 14</b>  <b>Automatic Sliding Door</b>  The front and back panel of the door shall have SMS (same material of the wall) at its lower halves.  <b>Suggestion</b>  -Kindly clarify as material required cannot be same as doors are factory made and fitted and we have no arrangement to fit SMS. The door should be of same material. We suggest it should be SS.</p>	50 mm thick doors with vision Panel 600 x 600 mm .Heat Insulated material sand witched with SMS of 3 mm thickness Front and back Panel. Powder coated Aluminium Frame of suitable thickness.

<p>14.</p>	<p><b>Page 8, Technical Specification 16</b></p> <p><b>ICU Pendant</b></p> <p>-Dual arm Pendant and each arm shall be double arm. Both the extendable double arms(One dry and other one is wet) shall be either side of the ICU bed and hung from concrete ceiling and flashed with false ceiling.</p> <p><b>Suggestion</b></p> <p>-In pre-bid meet it was discussed that the Pendant should be single Arm. We suggest, Multi movement Pendent should be new design motorized Single arm (900mm) with up &amp; down movement of 515 mm and load carrying capacity of 80 kg. The arm should rotated up to 330°- 340° with adjustable stopper. An extremely quite electric motor should reduce noise to a minimum, dampened stoppers and very low hand forces for horizontal movements should contribute to an ergonomically optimised workplace. The pneumatic brake system should adapted to various safety requirements and construction facilities. Modern and very quite, high performance motors should well special spindles should be used to realise precise &amp; steady movement. As a safety feature the motor should equipped with an over load protection. The large interior cross section for supply lines offers should completely new applications with 120 mm diameter. The stoppers should be infinitely variable from 0-330°-340°.</p> <p>-service head should be provided with the modular design to achieve maximum supply with minimum required space.service head should designed to host, Base, Gas Module, Electric Module and shelves . Upto 8 Gas outlets &amp; 10 Electrical switches. Racks &amp; shelves should be provided to mount the equipments like monitor etc. The total length of the manager should be 800mm. Surgeon pendent should be have 1 arms with shelves as per following details:</p> <ol style="list-style-type: none"> <li>a. Horizontal arm system - 1</li> <li>b. Weight carrying capacity - 80kg</li> <li>c. 5/15 Amp. Electrical sockets without switches - 8 to 10 Nos.</li> <li>d.Shelfs with side rails - 2 Nos.</li> <li>e.Provision to fix Gas outlets(i.e.) Oxygen- 2, Vaccum- 2, Air 4 bar-1, N2O -1</li> <li>f. Gas interface set for interface plate - 1</li> <li>g.Ceiling mounting system for interin ceiling upto 1000 - 1</li> <li>h. Interface plate with electrical fittings - 1</li> <li>i. Ceiling cover for interin ceiling - 1</li> </ol>	<p>Arm length should not be more than 800mm for wet side and 800 mm for dry side.</p> <p>Single arm with tandem mount.</p> <p>Motorized Single arm with up &amp; down movement and load carrying capacity of 80-100 kg.</p> <p>Provision of Gas outlets :</p> <p>Oxygen- 2, Vaccum- 2, Air 4 bar-1, N2O -1 European CE/UL Listed/USFDA certified</p>
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15.	<p><b>BOQ, Volume V</b>  Modular ICU  Item no. 1.0 Wall &amp; Ceiling Construction and Item no. 5  PVC Flooring – SQM  <b>Suggestion</b>  We request the unit should be in LOT instead of SQM as it  easy to understand and measure.</p>	Tender Terms and conditions prevail.
16.	<p><b>Page no. Specs-AC-Page no. 1</b>  2.2.2 Duct work and Outlet  25x25x3 mm Angle iron Frame with 8 mm dia nut and  bolts.  <b>Suggestion</b>  Angle iron frame is not required and the duct becomes  heavy.</p>	Tender Terms and conditions prevail.
17.	<p><b>Page Specs AC-Page 8</b>  -7.1 Ducting : The air handling ducts shall be insulated  with resin bonded glass wool with density not below 24  kg/cub.m.  -8.1 Acoustic Lining.  <b>Suggestion</b>  -This is old technology. We suggest Nitrail Insulation  -If Nitrail will Use than Thickness will Change , Its Become  13mmThick and 19mm thick with Al.foiled.  - Acoustic is not required in Hospital Building OT / ICU</p>	Nitrile Insulation
18.	<p><b>1. <u>Volume -1, (Point-6.0), Page – 7, PREQUALIFICATION DOCUMENT</u></b>  Even though the Applicants meet the above criteria, they are  subject to be disqualified, if they have:  - made misleading or false representation in the form,  statement and attachments submitted; /or.  - record of poor performance such as abandoning the work, not  properly completing the contract, inordinate delays in  completion, litigation history, or financial failures, etc. /or  - The performance of any agency already worked/ working with  HSCC is not found satisfactory/or  - <u>found to have been black listed in any of the works.</u></p> <p><b><u>It should be change to the “Company should not stand  blacklisted/debarred by any government  authorities/organisation on the date of submission of tender”.</u></b></p>	Tender Terms and conditions prevail.

19.	<p><b>2. <u>Volume-IV, Page No.-2,1<sup>st</sup> Para(Wall Panels)</u></b></p> <p>The Wall panel System shall be provided in one side with composite finishing panels in Antibacterial Solid Mineral Surface material, and attached by means of an interlocking system. <u>The Solid Mineral Surface (SMS) material panel shall be fitted inner surface of the ICU and SMS panel material shall also be the outer surface of ICU i.e towards the corridor/common area.</u> For the common partition wall of the ICU cubicle, SMS panel shall be fitted to the both sides of the Steel structure. SMS panel shall be fitted at the inner surface of the Emergency wall.</p> <p><b>Please confirm SMS is required on both sides. i.e. ICU cubicle &amp; corridor. Or for corridor HPL or any other material can be used.</b></p>	Tender Terms and conditions prevail.
20.	<p><b>3. <u>Volume-IV, Page No.-2,1<sup>st</sup> Para(Wall Panels)</u></b></p> <p>The Wall Panels should be of 3mm thick Antibacterial Solid Mineral, which is a bacteriostatic, dense and non-porous material which should be easy to clean and extremely hygienic. Panels should have also the Internal balancing core of suitable thick profiled aluminum with suitable geometry to ensure the maximum rigidity. <u>The panel should provide optimal structural properties in terms of flatness, low weight, and rigidity. The panel should be resistant to thermal shock and wet-dry cycles and the panel should be classified as fire reaction Class 1. (Test report to be submitted)</u> Total thickness of SMS Panel should be not less than 18mm. The panels should be supplied with specially designed steel brackets that allow them to be clipped to the system loading sub frame by means of a gravity interlocking system.</p> <p><b>The panel should provide optimal structural properties in terms of flatness, low weight, and rigidity. The panel should be resistant to thermal shock and wet-dry cycles and the panel should be classified as fire reaction Class 1. (Test report to be submitted) should be deleted as this specific to one brand.</b></p>	Tender Terms and conditions prevail.
21.	<p><b>4. <u>Volume-IV, Page No.-3(Sealing System)</u></b></p> <p>Vertical and horizontal gaskets should be non-toxic silicone around all the contact perimeters between the various materials, <u>and hermetic sealing of vertical joints between finishing panels,</u> make for compartmentalization and ensure that sterile air pressure shall be maintained without dispersal in</p>	Silicon is to be used for vertical joints between finishing panels range.

	<p>the protected environment, this being a fundamental prerequisite for guaranteed sterility.</p> <p><u>The vertical seam between finishing panels should be hermetically sealed.</u> The various sealing solutions for vertical joints between finishing panels range from <u>Joint cover sealing gasket of same colour made of non-toxic silicone rubber,</u> shaped appropriately to ensure continuity of the visible surface. <u>Monolithic structural silicone sealing approved for use in aseptic environments,</u></p> <p><b>Please confirm that silicon is to be used for vertical joints between finishing panels range. As the gasket will not be hermetically seal.</b></p>	
22.	<p><b>5. <u>Volume-IV, Page No.-4,Point No.-3(Corner Coving)</u></b></p> <p>Coving shall be made of SMCS material (Same material of the wall panel) at 60-70mm Radius at the corners of the room i.e Wall to Wall and Wall to Ceiling. There should not be the any sharp corner in the room and complex area</p> <p><b>Corner coving will be made of aluminium and not SMS.</b></p>	Corner coving shall be made of aluminium.
23.	<p><b>6. <u>Volume-IV, Page No.-5,Point No.-7(Sliding Door)</u></b></p> <p><u>50 mm thick doors made with suitable thick double skinned SS-304 sheets on both sides</u> with PUF as infill, totally flush with the wall panels, SS-304 'D' handles, Double Glazed glass of 1000X1000mm size, flushed with door panel. Horizontal motorized Venetian blinds sandwiched in two parallel toughened glasses with 5 mm thick toughened glass fixed in double panel in both the leaf with necessary arrangements. The window blinds should be operated with Remote Control and manually. The structure of the door should be rigid and strong. <u>The front and back panel of the door shall have SMS (Same material of the wall) at its lower halves.</u></p> <p><b>Please confirm material of finish for door(S.S./SMS). The door track and frame will be of aluminum.</b></p>	50 mm thick doors with vision Panel 600 x 600 mm .Heat Insulated material sand witched with SMS of 3 mm thickness Front and back Panel. Powder coated Aluminium Frame of suitable thickness.
24.	<p><b>7. <u>Volume-IV, Page No.-6,Point No.-9(SLIDING TRACK WITH IV HOOKS)</u></b></p> <p><u>Aluminium extruded channel of 1500 mm long should have 4nos IV hooks in one assembly. IV hooks assembly with Nylon bearing should move freely within full length of Aluminium channel without making noise. Aluminium Channel shall be</u></p>	50 mm thick doors with vision Panel 600 x 600 mm .Heat Insulated material sand witched with SMS 3 mm thickness Front and back Panel. Powder

	<p><u>powder coated and IV hooks shall be of SS-304 material.</u></p> <p><b>Please confirm material of finish for door(S.S./SMS). The door track and frame will be of aluminium.</b></p>	<p>coated Aluminium Frame of suitable thickness.</p>
25.	<p><b>8. <u>Volume-IV, Page No.-6,Point No.-11(Hand Wash Unit)</u></b>  <u>Splash as per Layout (Rear &amp; against side wall) Front &amp; free side marine edge. 350mm dia.x200mm High Die Pressed Sink complete with 38mm dia. C.P. Drain Waste Out let. 16 gauge S.S-304 wall brackets. Secured to top with Acorn nuts &amp; Bolts &amp; Bracket secured to wall with anchor fasteners. Rear &amp; Both sides 20 gauge S.S-304. One Deck mounted Jackson Swivel type water mixer water faucet. Unit mounted 865mm AFF Size- 600x600x450.</u></p> <p><b>Please confirm material of construction.</b></p>	<p>S.S-304 material with soap dispenser.</p>
26.	<p><b>9. <u>Volume-IV, Page No.-6,Point No.-12(AUTOMATIC SLIDING DOOR (2100 x 2000)mm</u></b></p> <p><u>60 mm thick doors made with 0.8mm thick double skinned SS-304 sheets on both sides with PUF as infill, totally flush with the wall panels, SS-304 'D' handles, Double toughened glass of 600X 600mm size -2 Nos Vision Panel shall be flushed with door surface. The two parallel toughened glasses with 5 mm thick toughened glass fixed in double panel in both the leaf with necessary arrangements. The structure of the door should be rigid and strong.</u></p> <p><b>Please confirm material of finish for door(S.S./SMS). The door track and frame will be of aluminium.</b></p>	<p>50 mm thick doors with vision Panel 600 x 600 mm .Heat Insulated material sand witched with SMS 3 mm thickness Front and back Panel. Powder coated Aluminium Frame of suitable thickness.</p>
27.	<p><b>10. <u>Volume-IV, Page No.-7,1<sup>st</sup> Para(AUTOMATIC SLIDING DOOR (2100 x 2000)mm</u></b></p> <p><u>The front and back panel of the door shall have SMS (Same material of the wall) at its lower halves.</u></p> <p><b>Please confirm material of finish for door (S.S./SMS). The door track and frame will be of aluminum.</b></p>	<p>50 mm thick doors with vision Panel 600 x 600 mm .Heat Insulated material sand witched with SMS 3 mm thickness Front and back Panel. Powder coated Aluminium Frame of suitable thickness.</p>

28.	<p><b>11. <u>Volume-IV, Page No.-7,Point no.-13(DOUBLE LEAF SWING DOOR (2100 x 2000)mm</u></b></p> <p><u>50 mm thick door panel with 0.8mm thick PCGI (Powder coated Galvanized Iron) sheet. Frame is of aluminium (GI reinforced and powder coated. Powder coated Aluminium of 1.2 mm thickness with GI reinforced door frames totally flushed with the walls. Ball Bearing hinges at least 3 such hinges per leaf. Non particle typed Rubber gasket D typed handle of SS-304 material, Door Closure, Concealed automatic door bottom Drop seal and Dead lock. (Colour of the door shall be as per the choice of client). Double toughened glass of 600X 600mm size shall be flushed with door surface. The two parallel toughened glasses with 5 mm thick toughened glass fixed in double panel in both the leaf with necessary arrangements. The front and back panel of the door shall have SMS (Same material of the wall) at its lower halves.</u></p> <p><b>Please confirm material of finish for door(S.S./SMS). The door track and frame will be of aluminium.</b></p>	50 mm thick doors with vision Panel 300 x 300 mm. Heat Insulated material sand witched with SMS of 3 mm thickness Front and back Panel. Powder coated Aluminium Frame of suitable thickness.
29.	<p><b>12. <u>Volume-IV, Page No.-7,Point no.-14(SINGLE LEAF SWING DOOR (2100 x 1000)mm</u></b></p> <p><u>50mm thick door panel with 0.8mm thick PCGI (Powder coated Galvanized Iron) sheet wall. Powder coated Aluminium of 1.2 mm thickness with GI reinforced door frames totally flushed with the walls. Ball Bearing hinges at least 3 such hinges per leaf. Non particle typed Rubber gasket D typed handle of SS-304 material, Door Closure, Concealed automatic door bottom Drop seal and Dead lock. Double toughened glass of 300 x 300 mm size shall be flushed with door surface. The two parallel toughened glasses with 5 mm thick toughened glass fixed in double panel in both the leaf with necessary arrangements. The front and back panel of the door shall have SMS (Same material of the wall) at its lower halves.</u></p> <p><b>Please confirm material of finish for door(S.S./SMS). The door track and frame will be of aluminium</b></p>	50 mm thick doors with vision Panel 300 x 300 mm. Heat Insulated material sand witched with SMS of 3 mm thickness Front and back Panel. Powder coated Aluminium Frame of suitable thickness.
30.	<p><b>13. <u>Volume-IV, Page No.-8,Point No.-16, ICU PENDANT- Imported</u></b></p> <p><u>Dual arm Pendant and each arm shall be double arm.Both the extendable double arms(One dry and other one is wet) shall be either side of the ICU bed and hung from concrete ceiling and</u></p>	Arm length should not be more than 800mm for wet side and 800 mm for dry side.  Single arm with tandem

	<p>flushed with false ceiling. Pendant shall be mounted with Anchor Plate/Ceiling plate, Fix plate, drop tubes and extendable arms</p> <p><u>Extension of each side of arm 600/600mm (To be moved freely within ICU Cubicle)</u></p> <p><u>Pneumatic/electrical brake of service head &amp; extension arm</u></p> <p><u>Load bearing shall be at least 200 Kg</u></p> <p><u>Pendant shall have CE/UL/USFDA</u></p> <p><b>Please confirm the arm length for wet &amp; dry side. The arm length should not be more than 800mm for wet side &amp; 800mm for dry side. Also clarify each side console requirement.</b></p>	<p>mount.</p> <p>Motorized Single arm with up &amp; down movement and load carrying capacity of 80-100 kg.</p> <p>Provision of Gas outlets :</p> <p>Oxygen- 2, Vaccum- 2, Air 4 bar-1, N2O -1</p> <p>European CE/UL Listed/USFDA certified</p>
31.	<p><b>14. <u>Volume-IV, Page No.-10,2<sup>nd</sup> Para</u></b></p> <p><u>The turnkey work includes all modifications to the built up space provided at the hospital site including civil modifications, electrical works, plumbing works, all cable trenches and railings wherever required, interior decoration, air conditioning duct, furniture and other related works of the ICU and Emergency required for the smooth and efficient functioning of the centre.</u>These works shall comply with all relevant safety and standards guidelines. The vendor is fully responsible for installation and commissioning of all equipment mentioned in the tender. Bidders are strongly advised to visit the site for assessment before the submission of tender offer. Demolishing, Patch work, re-constructing, water Proofing, plumbing, repainting and replacement, anti-microbial painting, replacement of any door or windows to provide structured design for modular ICU and Emergency.</p> <p><b>Please elaborate Turnkey work &amp; battery limit for each service.</b></p>	<p>Tender Terms and conditions prevail.</p>
32.	<p><b><u>Volume-IV, Page No.-10,13<sup>th</sup> Para</u></b></p> <p><u>Third party quality certification of the imported ICU items from SGS/TUV(sud)/Lloyds should be submitted by the contractor.</u></p> <p><u>Third party will certify as the item inspected meets specification of the contract ( Contract No. in the third party certificate should be mentioned)</u></p> <p><b><u>It should be deleted.</u></b></p> <p><b>Please Note: - As this is tender for turnkey items and require extensive working. So please give us 5-6 week for tender submission from the date of issue of corrigendum.</b></p>	<p>Tender Terms and conditions prevail.</p> <p>Submission date for tender may be extended for 2 weeks.</p>



33	<b><u>View Window (Sr. No. 6 of Specification)</u></b> View window with motorized Venetian blinds sandwiched in two parallel toughened glasses of thickness 5 mm should be complete with FHP Motor Control for 90 deg rotation. The window frame should be powder coated Aluminium of approved shape flush mounted with wall paneling. The entire assembly should be completely sealed and fitted with proper Aluminium profile. The assembled thickness of the Window should be 33 mm. The window shall be hermetically sealed window and flushed on the wall.	Venetian Blinds deleted. Glass shall be frosty and cladded with film.
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Bidder should follow the tender terms & condition for the unanswered queries.

All other terms & conditions remain unchanged.

Chief General Manager  
For & on behalf of Director (AIIMS)