

All Bidders**Amendment -II**

Project: Supply, Installation, Testing & Commissioning of Modular Operation Theatres (MOTs) and Mid End Modular Operation Theatres at PGI Satellite Centre for PGIMER at Village Ghabdan, Sangrur.

IFB No : HSCC/SES/MOT /PGI/SANGRUR/2019 Date : 11.01.2019

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
1.	<p>Wall & Ceiling Construction</p> <p>1) There is a contradiction in the specifications. At one place, it is written that joints should be sealed with silicon sealant while at other place it is mentioned that joints should be filled by using metallic filler putty. - Please note joints shall be filled by using metallic Filler putty instead of Silicon sealant to provide seamless operating room. Kindly delete the word silicon sealant from tender specifications.</p> <p>2) Ref. Suspension elements: Suspension is provided through threaded rod with bracket instead of tension spring to maintain the strength of wall and Ceiling panel. Kindly amend the line and mention "Suspension bracket with tension spring / threaded rod".</p>	<p>1) Joints shall be filled with Silicon sealant/metallic filler putty to provide seamless operating room.</p> <p>2) Suspension bracket with tension spring/threaded rod.</p>
2.	<p>Operation Theatre Flooring</p> <p>The width of Copper grounding strip is</p>	<p>Tender terms and conditions prevail.</p>

	20mm instead of 50mm. Kindly amend the same.	
3.	<p>Doors and Frames (Automatic Hermetically sealed Sliding doors) – Size 2100 x 1500 / Doors and Frames from Scrubber Room & Sterile Store – 2100x 1000 mm</p> <ol style="list-style-type: none"> 1) Motor shall be PMDC Motor instead of DC Brushless Motor. Kindly amend the same. 2) The Door and control comply to EN 61000-6-3, EN 61000-6-2 instead of BS 7971 standard. Kindly amend the same. 3) It is mentioned that Door should be provided with Cylindrical lock. You are requested to kindly amend it to cylindrical / ESPg lock. 4) It is mentioned that controller shall be capable of either operated by elbow switch, foot switch & radar switch. You are requested to kindly amend it to touch less sensors. 5) It is mentioned that Door handle should have glossy finish. Kindly amend it to glossy / Matt finish. 6) The size of Vision Panel recommended for Doors is 400 X 500mm as per standard. You are requested to kindly amend it to 300 x300 / 400 x 500mm 	<ol style="list-style-type: none"> 1) Motor shall be PMDC/DC brushless. 2) Tender terms and conditions prevail. 3) Door should be provided with Cylindrical/ESPg lock. 4) Tender terms and conditions prevail. 5) Tender terms and conditions prevail. 6) Size of vision panel shall be 300 x 300/ 400 x 500 mm.
4.	<p>Surgeon Control Panel (Imported)</p> <p>The Size of Control panel of 19” is less. Kindly amend it to minimum 22” touch screen control panel.</p>	Control panel should be in range of 19” – 22” touch screen control panel.
5.	<p>Surgeon Pendant – Double Arm</p> <ol style="list-style-type: none"> 1) Tender specifications say it has pneumatic brakes which is 	<ol style="list-style-type: none"> 1) Pneumatic/Electromagnetic brakes. 2) Size of Shelve shall be 700-750mm.

	<p>outdated technology. We recommend amending it to Electromagnetic Brakes instead of Pneumatic brakes.</p> <p>2) The Size of Shelve mentioned is company specific. Kindly amend it to 700 -750mm</p> <p>3) Load bearing capacity is also company specific. Kindly amend it to 150-200 KG as mentioned for Anesthesia Pendant.</p> <p>4) Ref. accessories, IV Management -1 , kindly amend it to IV poles with hooks</p>	<p>3) Load bearing capacity should be 150-200 Kg.</p> <p>4) IV poles with hooks</p>
6.	<p>Anesthesia Pendant – Double Arm</p> <p>1) Tender specifications say it has pneumatic brakes which is outdated technology and not recommended for Modular OT's. Kindly amend it to Electromagnetic Brakes instead of Pneumatic brakes.</p> <p>2) Ref. accessories, IV Management -1 , kindly amend it to IV pole with hooks</p>	<p>1) Pneumatic/Electromagnetic brakes.</p> <p>2) IV pole with hooks</p>
7.	<p>Writing Board</p> <p>We recommend size for Writing Board is 940 x 640 x100mm. Kindly amend and mention the same.</p>	Tender terms and conditions prevail.
8.	<p>Storage Unit</p> <p>1) The thickness of Storage unit mentioned in the tender specifications is not standard. We recommend it to be 0.8 to 1mm thick. Kindly amend and mention the same.</p> <p>2) Kindly amend the size of storage unit to 2100 x 1200 x 350mm</p> <p>3) Kindly delete the thickness of glass door of 5mm as it is as</p>	<p>1) 0.8 mm to 1 mm thick.</p> <p>2) Tender terms and conditions prevail.</p> <p>3) Tender terms and conditions prevail.</p>

	per requirement.	
9.	Scrub Station Ref. Scrub station, please confirm who will supply 10L geyser to supply Hot Water.	It is under scope of bidder.
10.	View Window (Hermetically Sealed) with Motorized blind Kindly amend and mention it to be imported.	Tender terms and conditions prevail.
11.	Turkey Works 1) Please elaborate the scope of work under turnkey works as turnkey works says furniture and other related works under bidder scope. Please specify other related works. Please note that bidder will only be responsible to supply equipments mentioned in the BOQ. Any furniture / AC duct / Interior decoration or other equipments required should be mentioned / clarified in the BOQ. 2) Please specify who will do the earthing?	Tender terms and conditions prevail.
12.	To be mentioned / amended - You are requested to kindly mention indigenous / imported against each equipment required in Modular OT, Mid END OT and Minor OT to enable us to bid as per requirement.	Tender terms and conditions prevail.
13.	Technical Specifications of Minor OT Swing Doors- Double leaf Door SS-304 1) Please note Clean room doors can only be open from one side instead of both the sides for Minor OT's because frames of Doors are made of extruded aluminum which don't allow both side opening.	1) Tender terms and conditions prevail. 2) Tender terms and conditions prevail. 3) Al/GPSP. 4) 5/6 mm thick.

	<p>2) Double skinned SS-304 sheets with thickness of 0.6mm instead of 0.8mm thick. Please amend the same to 0-6-0.8mm thick SS-304 sheet.</p> <p>3) Door frames are made of 2.5mm thick anodized aluminum 6063 T6 instead of GPSP Powder Coated. Please amend the same.</p> <p>4) View Panels- it will be 5mm thick tempered glass instead of 6mm thick float glass since tempered glass are hardened and high quality glass sheet specially designed for use in Hospital / Healthcare purpose.</p> <p>Since you had asked for SS-304, color of door will be fixed to SS finished door only.</p>	
<p>14.</p>	<p>Technical Specifications of Minor OT</p> <p>Hinged Doors- Single leaf Door SS-304</p> <p>1) Double skinned SS-304 sheets with thickness of 0.6mm instead of 0.8mm thick. Please amend the same to 0-6-0.8mm thick SS-304 sheet.</p> <p>2) Door frames are made of 2.5mm thick anodized aluminum 6063 T6 instead of GPSP Powder Coated. Please amend the same.</p> <p>3) View Panels- it will be 5mm thick tempered glass instead of 6mm thick float glass since tempered glass are hardened and high quality glass sheet specially designed for use in Hospital / Healthcare purpose.</p> <p>4) Since you had asked for SS-</p>	<p>Same as Sr. No. 14.</p>

	304, color of door will be fixed to SS finished door only.	
15.	<p>You are requested to kindly add below mentioned makes for the above referred tender:</p> <p>Approved Makes for Modular OT</p> <ol style="list-style-type: none"> 1) LED OT Light – Kindly amend Nexor to Nexor Medical (Evonos, Germany) 2) Pendant (Imported) – L M Medical, Italy 3) Ceiling Filtration System – SHD, Italy 4) Sealed Window – MDD, India 5) Ref. Surgeon Control Panel (Imported) - L M Medical, Italy <p>Approved Makes for Mid End Modular OT</p> <ol style="list-style-type: none"> 1) LED OT Light – Kindly amend Evonos to Nexor Medical (Evonos, Germany) 2) Sealed Window – MDD, India 3) Hepa Filter – AAF / Mechmark <p>Approved Makes for Minor OT</p> <ol style="list-style-type: none"> 1) LED OT Light – Kindly amend Evonos to Nexor Medical (Evonos, Germany) 2) Sealed Window – MDD, India 	<p>Modular OT</p> <ol style="list-style-type: none"> 1) All the makes mentioned in list of Approved makes are deleted. . 2) All the makes mentioned in list of Approved makes are deleted.. 3) All the makes mentioned in list of Approved makes are deleted. 4) All the makes mentioned in list of Approved makes are deleted. 5) All the makes mentioned in list of Approved makes are deleted.. <p>Mid End Modular OT</p> <ol style="list-style-type: none"> 1) All the makes mentioned in list of Approved makes are deleted. . 2) All the makes mentioned in list of Approved makes are deleted.. 3) All the makes mentioned in list of Approved makes are deleted.. <p>Minor OT</p> <ol style="list-style-type: none"> 1) All the makes mentioned in list of Approved makes are deleted. . 2) All the makes mentioned in list of Approved makes are deleted.
16.	<p>OT LED Light</p> <p>Please add this make in approved Makes</p> <p>Convida/Admeco</p>	All the makes mentioned in list of Approved makes are deleted..
17.	<p>Pendant (Imported)</p> <p>Please add this make in approved Makes</p>	All the makes mentioned in list of Approved makes are deleted..

	Reanimed	
18.	Ceiling Filtration System (Imported) Please add this make in approved Makes Admeco	All the makes mentioned in list of Approved makes are deleted
19.	Sealed Window Please add this make in approved Makes Medikraft	All the makes mentioned in list of Approved makes are deleted
20.	Surgeon Control Panel (Imported) Please add this make in approved Makes Adam	All the makes mentioned in list of Approved makes are deleted
21.	Volume-I, Pre-Qualification Criteria; Page no. 5 & 6, Clause no. 2.2 (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 : 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. *Similar nature of works means successful completion of Supply, Installation, Testing & commissioning of Modular Operation Theatres & AHU. We also request , these work should complete in India. Work done outside India will not be accepted. Since the	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 : 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. *Similar nature of works means successful completion of supply, installation, testing & commissioning of Modular Operation Theatres & AHU in India. 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.

	<p>work done is to be done in India therefore the experience/qualification of a bidder should also be from India. Simultaneously the completion certificate should not be less than Executive Engineer or Project Manager.</p> <p>We request the clause of the tender should be further clarified that:</p> <p>The following was added in earlier Tender no. HSCC/SES/MOT & MGMS/PGI/ Sangrur/2018 dated 30.08.2018.</p> <p>“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.”</p> <p>We are enclosing herewith the snippets for your kind reference & duly marked at Page no. 1 to 5 from Government Agencies NBCC (India) Ltd. and Project Implementation Unit, Gujarat about the TDS Certificate, which is clearly defined.</p> <p>The TDS certificate should be of same value as supporting document which will prove the authenticity of Private work completed. There should not be any room that any bidder plays with the private works, therefore the TDS Certificate should be made mandatory for the justification of the order value against the experience of similar nature of work.</p>	
22.	<p>Volume-I, Page no. 3,</p> <p>Period of Completion We request the period of completion should be 6 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</p>	Tender terms and conditions prevail.

	<p>supply of equipments items like Surgeon 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 delivery schedule.</p>	
23.	<p>Volume-3, SCC, Page no. 12, 12.3 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 note that this clause is only applicable for manufacturing of goods in India and not for procurement of Imported goods.</p> <p>If we go through the tender BOQ items, there are Imported imported such OT Light, Pendant etc. The NSIC certificate is not applicable, as the basic principal of NSIC Certification is goods made in India.</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.</p>	Tender terms and conditions prevail.
24.	<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) 65% of the BOQ contract rates on delivery of equipments at site after inspection and passing on pro-data basis.</p>	<p>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,</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 on pro-data basis.</p> <p>We request, the payment terms should be amendmend as:</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 M/s HSCC after Installation.</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>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, LC opening etc and as soon as the material arrives, necessary payment has to paid to the supplier because supplier will not wait till the completion of the project. After delivering the finished goods to the site, by our experience, most of the sites are not ready for installation, such as civil work is not complete, hospital staff is not available etc. Without any fault of contractor, he need to wait for the payment till the supply, installation and commissioning work [as mentioned in tender]. Initial payment is the lifeline to the contractors, which</p>	<p>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>
---	---

	gives relief up to some extent.	
25.	<p>Page 3</p> <p>Estimated Cost excl. CMC (Rs.)</p> <p>We would like to bring to your kind knowledge that the budget proposed for the tender is not matching as per the Vol.5 Bill of Quantities. The Tender consists of Modular Operation Theatre, Mid End Modular Operation Theatre and Minor OT System and AHU Work.</p> <p>We are taking up Modular Operation Theatre Tender no. HSCC/SES/MOT /AIIMSTRAUMA/ 2015 Construction of Modular Operation Theatres (MOT) & Associates works including Turn Key Works at Jai Prakash Narayan AIIMS Trauma Centre, New Delhi, where in the Estimated Cost was Rs. 725.00 Lakhs. [Enclosed at Page 6]. This tender is at par with present Sangrur, Punjab Tender.</p> <p>We therefore request, considering the magnitude of the work, the budget of the tender should be increased to Rs. 725.00 Lakhs to maintain the equilibrium and justification.</p>	Tender terms & conditions prevail.
26.	<p>Page no. 1 & 2, Technical Specification 1.</p> <p>WALL & CEILING SYSTEM: The internal surface of the wall and ceiling of operation theatre should be sprayed with anti-bacterial paint (Factory internal test report to be submitted)</p> <p>We request the painting should be done at site only as during installation, welding needs to be done for joining the panels which leaves spots. To give smooth & smudge free finish, the painting should always done at site.</p>	For giving smooth & smudge free finish, the painting may be done at site.
27.	<p>Page no. 2 of MOT Specifications</p> <p>2 CEILING FILTRATION SYSTEM / LAMINAR AIR FLOW SYSTEM</p>	Size of Laminar Air Flow shall be 2400mm x 2400mm.

	<p>(AIR MANAGEMENT SYSTEM) - IMPORTED</p> <p>We request to please advise size of Laminar Air Flow.</p>	
28.	<p>Page no. 8 of MOT Specifications Boom Suspension for 26"-32" HD Progressive Scan Flat Panel HD Monitor</p> <p>Sir, you have already asked Monitor with at Sr.No. 21 OT LIGHT (LED) WITH CAMERA AND MONITOR-(Imported).</p> <p>The monitor here leads to duplication. Therefore Monitor should be deleted from Specifications as well as BOQ.</p>	Tender terms and conditions prevail.
29.	<p>Page no. 10 of MOT Specifications</p> <p>14 DIGITAL DISPLAY PANEL (WORK STATION)-(IMPORTED)</p> <p>We request the Touch Screen should be in the range of 21 to 32 inch wide instead of 29-32 inch wide screen monitor as the standard size of the monitor is 21 to 32 inch with manufacturers.</p>	Tender terms and conditions prevail.
30.	<p>Page no. 6 to 9 of Mid-End OT Specifications</p> <p>Item no. 11.0 ANAESTHETIC PENDANT</p> <p>a. INDIGENOUS ANAESTHETIC PENDANT DUAL ARM - INDIGENOUS Complete with all accessories as required as per technical specification</p> <p>b. EXTRA- IMPORTED ANAESTHETIC PENDANT DUAL ARM -IMPORTED Complete with all accessories as required as per technical specification</p> <p>Item no. 12.0 SURGEON PENDANT</p> <p>a. INDIGENOUS SURGEON PENDANT DUAL ARM-</p>	<p>Tender terms and conditions prevail.</p> <p>Rates for both type required.</p>

	<p>Request to Add:</p> <p>HPK is already in the approved list of M/s HSCC for doors. We request to please add HPK Make. The same was added in earlier Tender no. HSCC/SES/MOT & MGMS/PGI/Sangrur/2018 dated 30.08.2018.</p>	
33.	<p>Page no. 14 & 15, Sr. No. 5 of Approved Makes</p> <p>Door</p> <p>Approved Makes:</p> <p>Metaflex/SHD/GEZA/Rebbon/Dorma</p> <p>Request to Add:</p> <p>HPK is already in the approved list of M/s HSCC for doors. We request to please add HPK Make. The same was added in earlier Tender no. HSCC/SES/MOT & MGMS/PGI/Sangrur/2018 dated 30.08.2018.</p>	All the makes mentioned in list of Approved makes are deleted.
34.	<p>Page no. 14 & 15, Sr.No. 10 of Approved Makes</p> <p>HEPA Filter</p> <p>Approved Makes:</p> <p>SagicoFim/thermodyne/Advance/Pentagon</p> <p>Request to Add:</p> <p>We request to please add Mechmark for HEPA Filters.</p>	All the makes mentioned in list of Approved makes are deleted.
35.	<p>Work Description: Page No.5 Point 1.2 in Volume I</p> <p>Similar Nature of works means that Supply Installation & testing of Modular OT and AHU.</p> <p>The current tender includes AHU installation separate for each OT.</p>	Tender terms & conditions prevail.

	<p>Generally AHU is the scope of HVAC vendors. Therefore it is not possible to get a combined work completion certificate for Modular OT & AHU. We request you to please allow the association of the bidder with HVAC vendor for the installation of AHUs for OTs & remove the combined work completion certificate for MOT & AHU. The Completion certificate of completion of only Modular OT shall be acceptable.</p>	
36.	<p>Technical specification : Page No.31 & 39 in Volume IV</p> <p>Approved Makes : OT Light (Imported)</p> <p>Kindly approve Dr. Mach Germany OT light in approve make list.</p>	All the makes mentioned in list of Approved makes are deleted.
37.	<p>Technical specification : Page No.31 in Volume IV</p> <p>Approved Makes : OT Pendant (Imported)</p> <p>Kindly approve Berman, Italy OT Pendent in approve make list.</p>	All the makes mentioned in list of Approved makes are deleted.
38.	<p>Payment terms: Page no. 38 Point 21.1 in Volume III</p> <p>Payment terms are 65%, 25% and 10% as per tender terms</p> <p>We request payment terms to be 70%, 20% and 10%</p>	<p>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> <ol style="list-style-type: none"> 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 handover to the client on pro-data basis.

39.	Completion Period: Page No.5 Point 1.2 in Volume I 5 months from the date of order of commencement. Request you to increase it to 9 months from the date of order of commencement.	Tender terms & conditions prevail.
-----	--	------------------------------------

The bid submission date is extended from 15.02.2019 to 25.02.2019 and bid security should be valid for 180 days from the date of original bid submission ie. from 07.02.2019.

All other terms & conditions remain unchanged.

Sr. Chief General Manager -I, HSCC (I) Ltd.
For and behalf of Director, PGIMER, Chandigarh