

All Bidders

Amendment -II

Subject: Supply , Installation, Testing & Commissioning of Modular Operation Theatres (MOTs), Mid End Modular Operation Theatres & Medical Gas Manifold System for PGI Satellite Centre, Sangrur, Punjab.

IFB No. : HSCC/SES/MOT & MGMS/PGI/Sangrur/2018 dated 30.08.2018

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	Bidder's Queries	Reply
1	<p>In pre-qualification document on page no 5&6 , it is written that Similar nature of works means successful completion of supply, Installation, testing and commissioning of Modular Operation Theatres & Medical Gas Manifold System</p> <p>Our submission is that it is rarely that MGPS and MOT tenders are clubbed together, so you will find very less work for both the systems in a single work order. We had done work both for MOT and MGPS for the same RML institute, Lucknow but under different work orders. Similarly we have done other projects for the other institute for there MGPS and MOT system but under two work orders. So our humble request is that it should be amended to Modular Operation theatre or Medical Gas pipe line system so that wider participation of the companies in the tender process is possible.</p>	Tender Terms & Conditions prevail.
2	<p>On page no 20 of technical specification of Medical Gas Pipeline system, point no 11.2 ward vacuum unit, collection bottle 500ml and 2000ml.</p> <p>Our submission is that it is typing error and it should be 500ml to 2000ml</p>	May be read as 500 ml to 2000 ml.
3	<p>In the technical specification of Modular operation Theatre, some products like Surgeon Control Panel, Laminar Air Flow, Bed Head Panels, you have asked for Imported Ones</p> <p>Our submission is that you can get these products with same specifications are available in India at cheaper rates, why to go for an Imported ones. Also Govt of India is promoting Make</p>	Tender terms and conditions prevail.

	In India Products and on page no 128 of the tender documents, it is written preference will be given for Make In India. So our humble request is to delete the line “Imported”.	
4	<p>On page 14 of technical specification of MGPS, you have asked for the alarm be Digital.</p> <p>Our submission is that you should Incorporate Touch screen Alarm Panel as it is the latest technology the world is using and also you can get the historical data of the alarms that is helpful for the staff in the hospital to analyse.</p>	Tender terms and conditions prevail.
5	<p>In the list of approved makes for door it is written GEZA</p> <p>Our submission is that it is GEZE, a typing error.</p>	GEZA may be read as GEZE.
6	<p>In list of makes in Modular Operation Theatres we would like to add some company name against some products. These are OT LED Light</p> <p>Surgiris France (OT Lights of this make are installed in PIU, GCRI,PGI Chandigarh) Attached is the profile of the company. Depth Of Field to be changed from 750mm -1100 to 680 mm -1130mm</p>	Make -Surgiris France for OT Light is added
7	<p>Existing Clause of the Tender;Volume-I, Pre-Qualification 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>Three similar* completed works costing not less than the amount equal to 40% of the estimated cost.</p> <p>Or</p> <p>Two similar* completed works costing not less than the amount equal to 50% of the estimated cost.</p> <p>Or</p> <p>One similar* completed work costing not less than the amount equal to 80% of the estimated cost.</p> <p>*Similar nature of works means successful completion of supply, installation, testing & commissioning of Modular Operation Theatres & Medical Gas Manifold System.</p> <p>Request</p> <p>We request the clause of the tender should be further clarified that:</p>	<p>Similar works may be read as</p> <p>*Similar nature of works means successful completion of supply, installation, testing & commissioning of Modular Operation Theatres & Medical Gas Manifold System in India.</p> <p>The past experience in similar nature of work should be supported by certificates issued by client’s Organisation. In case work experience is of private sector the completion certificate shall be supported with copies of Letter of Award and copies of corresponding TDS Certificates (Form 16A). Value of work will be considered commensurate with the value of TDS</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>The TDC certificate should be of same value as supporting document which will prove the authenticity of Private work completed.</p> <p>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 that against the experience of similar nature of work.</p>	Certificates.
8	<p>Existing Clause of the Tender: Volume-3. SCC. Page no. 12. 12.3 Bid Security,</p> <p>Document Fee and EMD are exempted for NSIC registered Firm.</p> <p>Request:</p> <p>As per the tender there is provision in the tender that NSIC registered Firms are exempted from Document Fee and EMD. 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, most of the tendered items are imported, whether it is Modular Operation Theatre or Medical Gas Manifold System. Under these conditions the NSIC certificate will not be 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.
9	<p>Existing Clause of the Tender Document 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> <ol style="list-style-type: none"> 1) 65% of the BOQ contract rates on delivery of equipment at site after inspection and passing on pro-data basis. 2) 25% of BOQ contract rates on satisfactory take over 	<p>Payment terms shall be read as</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>certificate by client after erection and installation, testing and commissioning of equipment 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>Requested</p> <p>We request, the 25% payment terms should be amended. This payment as mentioned clarifies that payment will be made after almost installation and commissioning of the equipment i.e., at the time of handover stage.</p> <p>Whereas, this payment should be released after installation of the equipment. The reason is, after installation and commissioning, the handover takes a long time. The bidder gets stuck for want of payment. Please appreciate being most of the imported items, the bidder, pays heavily for the procurement of goods and now the bidder will wait for the payment till handover which is a long time.</p> <p>Therefore 25% payment should be suitably amended i.e. at the time of installation of equipment.</p>	<p>1) 70% of the BOQ contract rates on delivery of equipment at site after inspection and passing on pro-data basis.</p> <p>2) 20% of BOQ contract rates on satisfactory erection and installation, testing and commissioning of equipment on pro-data basis.</p> <p>3) 10% of BOQ contract rates on satisfactory take over certificate by client and successful completion of trial run of 30 days from the date of handover to the client.</p>
10	<p>Page No.1, Technical Specification-1</p> <p>WALLS & CEILING CONSTRUCTION: The internal surfaces of the walls and ceiling of Operation theatre should be sprayed with antibacterial 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 be done at site.</p>	Tender terms & conditions prevail.
11	<p>Page no. 15, Approved Makes, Modular Operation Theatre, Ceiling Filtration System (Imported)</p> <p>Approved Makes: Vokes air/Weiss Technik/Trilux/Sagicofim/Telstar Lifesciences/Flaktwood/Viessman/Nexor</p> <p>Request to add : Medepha, Italy</p> <p>Remarks: Quality wise, Medepha filtration system is considered to be world best Make. We request to please add.</p>	<p>Approved Makes, Modular Operation Theatre,</p> <p>Ceiling Filtration System (Imported)</p> <p>Approved Makes: Vokes air/Weiss Technik/Trilux/Sagicofim/Telstar Lifesciences/Flaktwood /Viessman/Nexor/Medepha</p>

12	<p>Page no. 15, Approved Makes, Modular Operation Theatre, Door</p> <p>Approved Makes: Metaflex/SHD/GEZA/Rebbon/ Dorma</p> <p>Request to add</p> <p>HPK</p>	<p>Approved Makes, Modular Operation Theatre, Door</p> <p>Approved Makes: Metaflex/SHD/GEZE/ Rebbon/ Dorma/HPK</p>
13	<p>Page no. 15, Approved Makes, Mid End Modular Operation Theatre,</p> <p>HEPA Filters</p> <p>Approved Makes: SagicoFim/Thermodyne/Advance/Pentagon</p> <p>Request to add</p> <p>Mechmaark</p>	<p>Tender terms and conditions prevail.</p>
14	<p>Page no. 24 & 25, Approved Makes, Medical Gas Manifold System</p> <p>Air Compressor</p> <p>Approved Makes: Amico/Allied Health care/BeconMedaes/Drager/Ohio Medical/Pneumatech Medical/Tritech/Atlas Copco</p> <p>Request to add</p> <p>Powerex, USA</p>	<p>Approved Makes, Medical Gas Manifold System</p> <p>Air Compressor</p> <p>Approved Makes: Amico/Allied Health care/BeconMedaes/Dra ger/Ohio Medical/Pneumatech Medical/Tritech/Atlas Copco/Powerex</p>
15	<p>Page no. 24 & 25, Approved Makes, Medical Gas Manifold System</p> <p>Vacuum Unit</p> <p>Approved Makes: Amico/Allied Health care/BeconMedaes/Drager/Ohio Medical/Pneumatech Medical/Tritech</p> <p>Request to add</p>	<p>Approved Makes, Medical Gas Manifold System</p> <p>Vacuum Unit</p> <p>Approved Makes: Amico/Allied Health care/BeconMedaes/Dra ger/Ohio Medical/Pneumatech</p>

	Powerex, USA	Medical/Tritech/Powerex
16	<p>Page no. 24 & 25, Approved Makes, Medical Gas Manifold System</p> <p>AGSS</p> <p>Approved Makes: Amico/Allied Health care/BeconMedaes/Drager/Ohio Medical/Pneumatech Medical/Tritech</p> <p>Request to add</p> <p>Powerex, USA</p>	<p>Approved Makes, Medical Gas Manifold System</p> <p>AGSS</p> <p>Approved Makes: Amico/Allied Health care/BeconMedaes/Drager/Ohio Medical/Pneumatech Medical/Tritech/Powerex</p>
17	<p>Page no. 24 & 25, Approved Makes, Medical Gas Manifold System</p> <p>Bed Head Panel</p> <p>Approved Makes: Amico/Allied Health care/BeconMedaes/Drager/Ohio Medical/Pneumatech Medical/Tritech/Trilux</p> <p>Request to add</p> <p>Medepha, Italy</p>	<p>Approved Makes, Medical Gas Manifold System</p> <p>Bed Head Panel</p> <p>Approved Makes: Amico/Allied Health care/BeconMedaes/Drager/Ohio Medical/Pneumatech Medical/Tritech/Trilux/Medepha</p>
18	<p>Existing Clause of the Tender</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.</p> <p style="text-align: center;">or</p> <p>Two similar* completed works costing not less than the amount equal to 50% 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>	Same as point no. 7.

	<p>*similar nature of works means successful completion of supply, installation, testing & commissioning of Modular Operation Theatres & Medical Gas Manifold System.</p> <p>Request</p> <p>We request the clause of the tender should be further clarified that:</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 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>	
19	<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 Medical Gas Manifold System (MGPS).</p> <p>We are taking up the recent Tender no. HSCC/SES/MGMS/IIT-Kharagpur/2018 dated 20.02.2018 for Supply, Installation, Testing & Commissioning of Medical Gas Manifold System at Indian Institute of Technology (IIT) Kharagpur, wherein the Estimated Cost is Rs. 570 Lakhs. [Enclosed]</p> <p>Similarly for 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 is Rs. 725.00 Lakhs. [Enclosed]</p> <p>Considering the above, in our opinion the Estimated Cost of the present tender is approximately <u>40% below</u> in comparison to both the above Tenders. Both the tenders have same items in comparison.</p>	Tender terms & conditions prevail.

20.	<p><u>Please refer to the Mid-End Modular Operation Theatre :</u></p> <p><u>Item no. 11.0 ANAESTHETIC PENDANT</u></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><u>Item no. 12.0 SURGEON PENDANT</u></p> <p>a. INDIGENOUS SURGEON PENDANT DUAL ARM-INDIGENOUS Complete with all accessories as required as per technical specification</p> <p>b. EXTRA- IMPORTED SURGEON PENDANT DUAL ARM Complete with all accessories as required as per technical specification</p> <p><u>In our opinion, Double Calculation by mistake, Indian as Well as Imported Pendants has been taken in BOQ. We request Imported Pendant should be deleted.</u></p>	<p><u>Item no. 11.0 ANAESTHETIC PENDANT</u></p> <p>a. Tender terms & condition prevail.</p> <p>b. Extra Imported Anaesthetic PENDANT DUAL ARM – shall be read and quoted as optional Item and quoted price shall be taken for ranking purpose.</p> <p><u>Item no. 12.0 SURGEON PENDANT</u></p> <p>a. Tender terms & condition prevail.</p> <p>b. Extra Imported Surgeon PENDANT DUAL ARM – shall be read and quoted as optional Item and quoted price shall be taken for ranking purpose.</p>
21	<p>Similarly, we also request Item no. 20.0 OT LIGHT DUAL DOME LED LIGHT WITH CAMERA AND MONITOR (IMPORTED) Complete with all accessories as required as per technical specification. IMPORTED. In our opinion high end OT Light is taken, whereas it should be Ready Prepared i.e. Pre-Wired OT Light. In this way the camera can be deleted. The camera can be used as and when required in the future.</p>	<p>Tender terms & conditions prevail.</p>
22	<p>We humbly request to kindly raise the Estimated Cost of the Tender as it will not be feasible to quote under</p>	<p>Tender terms & conditions prevail.</p>

	<p>the present Estimated Cost of Rs. 850 Lakhs.</p> <p>You would also appreciate that the US Dollar/Euro rates are fluctuating to cope up with the imported items.</p>	
23	<p>Pre-Qualification:</p> <p>Tender specifies combined work order for Modular OT and Medical Gas Pipeline System as one of the eligibility criteria. Our Company is well experienced in executing projects of Modular OT and Medical Gas Manifold System. We shall request you that if bidder has the experience of both OT and MGMS from different project shall be acceptable. It will increase the participation of bidders if tender specifies the amount of OT and MGMS separate amount of certificates to be attached to qualify under 80/50/40% matrix of estimated value of tender the project will be restricted to only few bidders.</p>	Tender terms & conditions prevail.
24	<p>List of Approved Makes:</p> <p>Tender specifies the list of Approved Makes for the project. We are dealing with Dr. Mach for OT light. Dr. Mach is a Germany based manufacturer and its OT light is European CE certified and USFDA approved. We are attaching catalogue and installation base in India. Kindly, approve the Dr. Mach OT Light.</p>	Tender terms & conditions prevail.
25	<p>Specification of Air Compressor :</p> <p>Tender Specifies Scroll/Screw Air Compressor should confirm to NFPA-99C/HTM 02-01/ISO 796-I/DIN/EN in first Para of the specifications but in second para. It is mention that Medical Air Compressor shall be totally oil less Scroll. We request you to allow screw compressors with multistage filtration as per NFPA-99C/HTM 02-01/ISO796-I/DIN/EN standards.</p>	Tender terms & conditions prevail.
26	<p>Bed Headed Panels :</p> <p>Tender specifies imported Bed Headed Panels. We would like to draw your attention that Bed Headed Panels is only an Aluminium extruded fabricated panels with separate chambers for electrical and medical gases. It is very well designed and fabricated by some of leading manufacturers like Altos, Eubia. We request you to allow Indian Bed Headed Panels Designed in conformity to International standards with imported outlets.</p>	Tender terms & conditions prevail.
27	<p>As escalated earlier all these practises lead to unhealthy practices and invites bid rigging by restricting the competition. In case it is a protocol for your organisation we suggest adding our foreign Principal makes under Schonn Brand manufactured in Germany for MGPS. We shall still request to mention Equivalent makes from</p>	Tender terms & conditions prevail.

Europe/USA. We have mentioned about our recommended brand of SCHONN & Equivalent also.

We rather strongly suggest not to mention any makes/brands & just mention the Generic specifications. If you are specific about country of origin, you may mention the products shall be manufactured from Europe/USA/UK/Canada or European/American manufacturers.

For your information during recent the tenders called by AIIMS, HLL, there was no mention about the specific makes/brands as mentioned by you. We mention below about the following important tenders for your kind consideration-

1. HITES/PCD/PMSSY-III/19IMOT/17-18
2. HITES/PCDINCI-AIIMS/01/17-18 Dated: 11.09.2017 for Item No.4 (Ref:3000002187) for Modular Operation Theatre (9Nos). (AIIMS Jhajjar)
3. Global tender for Medical Gas Pipeline under ref e-tender enquiry No.: 2711NewBlocks/MGPS/2017-18/ST (AIIMS) & many more....

In fact, the tender called by HSCC (Tender No. HSCC/SES/MGMS/GMC/Amritsar/2017 for Supply, Installation, Testing & Commissioning of Medical Gas Manifold System for Govt. Medical College, Amritsar, Punjab) had generic makes as mentioned below.

Approved Makes :

1. Compressor INGERSOLL RANDI ANESTATA IEQUIVALENT
2. Motor CROMPTON /ABBINGEF/SIEMENS KIRLOSKAR HSCC/SES/GMC AMRITSAR 120 15 Page 13
3. Cable SKYTONE/KEI UNIVERSAL INTERNATIONAL IRRCABLE
4. Electrical Control Panel L&T/SIEMENS/SCHNEIDER
5. PVC Pipe Class III with Fitting FINOLEXI SUPREME I PRINCEI ORI-PLAST
6. G.I.M.S. Pipe Heavy Class TATA/JINDAL/SAIL
7. MCCB/Contactor Relay L&T/ABB/SIEMENS/SCHNEIDER
8. Pressure Gauges H.GURU IFIEBIG
9. Stainless Steel TATA ISALEMI JINDALI
10. Aluminium Sheet/BALCO/NALCO/HINDALCO
11. Copper Pipe MEHTA/MAXFLOW/RAJCO

	<p>To Apprise you, our Principle partner Schonn, a company located in Germany which is a part of Medikar group, Turkey.</p> <p>Schonn has a factory in Turkey as well as in Germany also, The Germany unit was established during 2014 which is a part of Medikar Group of companies, Turkey, Having more than 200 employees in Turkey & Germany, the total turnover of SCHONN is more than 20 Million Euro.</p> <p>Please find enclosed their catalog for SCHONN for your kind reference.</p>	
28	<p>Another important parameter to be altered is the exclusive letter of authorisation. As suggested by Mr Upadhyay during the pre-bid meeting, the contention of asking for LA (Letter of authorisation) is to ensure that the product is from the manufacturer we suggest you to ask the winner of the tender to furnish the Bill of entry which shall justify the country of origin apart from the manufacturer declaration instead of the reason for asking the LA is product's authenticity.</p> <p>This is not true. For your information we are providing services to certain eminent institutions indifferent parts of the country wherein the hospital wants to have healthy competition & competitive prices & call for the tender, We can provide you evidence that we are providing the CAMC services at much lower prices with efficiencies wherein the imported items of MGPS installed by the other vendors of other foreign principals with exclusive authorisation which makes the projects expensive apart from making the services expensive also.</p> <p>Now choice is yours if you wish to avail the expensive services, you may continue with the brands & can ask for the Exclusive authorisations. We shall also like to mention that we were supplying WEISS Laminar Flow but in recent past MPS may be in coordination with the earlier convicted companies like MDD, PES has manipulated to add the brands of Weiss in this tender.</p> <p>As these companies have major chunk of orders from institutions like AIIMS, HLL, HSCC, they can definitely show a lucrative forecast and get an exclusive letter of authority from any manufacturer.</p> <p>We only receive orders where the tenders are simple with Generic conditions. There are several instances which can be</p>	Tender terms & conditions prevail.

	<p>provided if you or your committee is really interested to have healthy competition.</p> <p>Considering above facts, we suggest to delete the clause for submission of Letter of authorisation as exclusive distributor.</p> <p>This way you shall also get an insight about the variation of prices of the item of the same brand between the different bidders</p>	
29	<p>Reference Work Experience, we do not have a cumulative/Combined experience of MOT and MGPS, to calculate if we are eligible based on the eligibility criteria we need to have the bifurcated value of MOT and MGPS.</p> <p>Please find enclosed our work orders for MOT and MGPS, please suggest if this is acceptable. Please note: reference MGPS ,the work experience reflected is for work allocated to us for Banda medical college wherein, we had got multiple orders of the total value of 5CR. Enclosed is the work order details for your reference.</p>	Tender terms & conditions prevail.
30	Reference Exhaust air cabinet, Each OT should have 4 exhaust air cabinet VS 1 in each OT as mentioned in the BOQ.	Tender terms & conditions prevail.
31	Reference PG 15 which also states that the test certificate for all material used for construction has to be shared. Please elaborate.	Tender terms & conditions prevail.
32	Reference Laminar Air Flow (Imported), Kindly specify the capacity (CFM) and Size of LAF.	<p>Tender terms & conditions prevail.</p> <p>LAF Size 2.4m x 2.4 m</p>
33	Reference Laminar air flow Indian (Mid-End OT) which states "Shadow les lighting in the LAF by using high frequency electronic florescent tubes andballasts". We recommend it to be amended as LED Light. Also mention the size of LAF & requirement of air in CFM.	Tender terms & conditions prevail.
34	Reference Flooring the copper grounding strips as mentioned in the specifications are (0.5 thick, 50mmwidth), the thickness should beam ended to15-20mm	Tender terms & conditions prevail.
35	<p>Reference Pendants which states requirement of "Anti bacterial electrical switch socket"</p> <p>Please note there are handful of companies like Honeywell that offers Antibacterial electrical switch socket however</p>	Honeywell make is also added.

	Honeywell is not in approved make list. For your information Havells do not offer Antibacterial switches	
36	Reference Medical Gas Line Installation: - O2, Vac, Air, CO2 and AGSS supply to operation theatre from existing manifold system should be provided. Please clarify if connecting the supply from the manifold is in scope of the bidder	Yes, It is in scope of OT bidder.
37	Reference requirement of Copper pipe to be laid out via surgeon control panel. It is not required as the gas pressure sensor is mounted on the medical gas pipeline outside the OT.	Tender terms & conditions prevail.
38	Reference View Window With motorized blind, it states that the thickness of window should be 33mm. Please amend it to minimum 40 mm as per manufacture. The window blind should be operated with Remote control and Manually. Manually does not operate to motorized window. It only has single function either Remote or manually.	Thickness of window should be in range 33-40mm.
39	Reference Number of light heads in OT Light, it states, "Two per suspension" It should be one per suspension	Tender terms & conditions prevail.
40	Reference LMO, there is no provision of LOX control panel in the BOQ, does the price needs to be added with the Liquid Oxygen Tank? Will the LOX control panel be indigenous or Imported? We suggest that have this added in the BOQ.	Tender terms & conditions prevail.
41	Reference requirement of Rotary Vane/Claw type in AGSS: Please note that the leading pump manufacturer like Becker Pumps also use side channel blowers in AGSS even though they manufacture rotary vane pumps. I would like to share the British standards specifications for AGSS that clearly states the use of side channel Blowers in AGSS. "AGSS does not require high pressure pump for suction hence there is no requirement of Rotary vane in AGSS". Even the HTM guidelines do not specify the use of rotary vane in AGSS. Hence this should be amended to Channel Blowers, which is a very reasonable solution.	Tender terms & conditions prevail. Rotary vane/claw/Blowers as per standard NFPA 99/HTM 02-01/ ISO 7396-1 EN/DIN mentioned in the tender document.
42	We would request you to provide us the drawings.	Tender terms & conditions prevails.
43	Fully Automatic Nitrous Oxide Control Panel (Imported) Flow Capacity mentioned in the tender specifications is very less. Kindly amend it to minimum 1500LPM or above.	Tender terms & conditions prevails.
44	Fully Automatic Control Panel for Oxygen, Nitrous Oxide and	Tender terms &

	Carbon di- oxide (Imported) In NFPA Standard, Control Panels are either UL / EL Listed. You are requested to kindly amend and mention Unit should be UL Listed/EL Listed/European CE Marked.	conditions prevail.
45	Vacuum (Suction) System 1) Kindly clarify No. of Vacuum Pumps as working and No. of Vacuum Pumps as standby as it is not mentioned in the tender documents. 2) Kindly amend flow capacity to (+/-10%) instead of (+/- 5%) 3) It is mentioned that flow capacity should be 6228 LPM and standby system capacity should be as per the relevant standard. Please note Standard never indicate about standby capacity requirement. It completely depends upon usage requirement of Hospital. You are therefore requested to kindly clarify the configuration of stand by arrangement as per hospital design requirement. 4) Required Vacuum tank size is not mentioned in tender specifications. Please clarify the same. 5) Required Air tank size is not mentioned in tender specifications. Please clarify the same.	Tender terms & conditions prevail.
46	The thickness of Copper Pipe of 35mm mentioned in the tender is 1.0 mm, which is incorrect. It should be 1.2mm for 35mm Copper Pipe as per Medical grade standard. Kindly amend the same.	May be read as 1.2 mm thickness for 35mm Copper Pipe
47	Horizontal/ Vertical Bed Head Panel 1) Kindly add the point stating, Horizontal Bed Head Panels should have built-in light feature. 2) Kindly mention whether you require 1 Channel, 2 Channel or 3 Channel Bed Head Panel. 3) Ref. Accessories, we will only provide Nurse Call System Module cut out in Bed Head Panel. Please mention sample will be provided by hospital authorities. 4) Kindly add and mention Bed Head Panel should be European CE Marked/UL Listed.	Tender terms & conditions prevail.
48	Valves Boxes Kindly amend it to imported.	Tender terms & conditions prevail.
49	Anaesthesia Gas Scavenging System (Imported) Please clarify LPM requirement for AGSS System with	Tender terms & conditions prevail.

	stand by requirement.	
50	<p>Flow meter with Humidifier Bottle (Imported)</p> <p>It should be European CE Marked / USFDA Certified. Kindly add the same.</p>	Tender terms & conditions prevail.
51	<p>Ward Vacuum Unit</p> <p>1) Kindly amend it to imported unit. 2) Regulator should only be digital. Kindly delete Analogue type 3) Vacuum Guage should provide digital indications. Kindly delete the word Analogue. 4) Jar should be minimum 2000 ml instead of 500 to 2000 ml. 5) It should be European CE Marked/USFDA Certified.</p>	<p>Tender terms & conditions prevail.</p> <p>4). 500 to 2000 ml.</p>
52	<p>Theatre Vacuum unit</p> <p>1) Kindly amend it to imported unit. 2) It should be European CE Marked / USFDA Certified. Kindly add the same.</p>	Tender terms & conditions prevail.
53	<p>Line Isolation Valves</p> <p>In NFPA Standard, Isolation valves are manufactured in compliance with NFPA-99c standard and are not UL certified / Listed. You are therefore requested to kindly delete the UL Listing.</p>	Tender terms & conditions prevail.
54	<p>Turnkey Work</p> <p>Please elaborate the scope of work under turnkey works and other related works under bidder scope. Please specify other related works.</p> <p>Please define Number of Manpower required for operation in each site?</p>	Tender terms & conditions prevail.
55	<p>Wall & Ceiling Construction</p> <p>1) Joints shall be filled by using metallic Filler putty instead of Silicon sealant to provide seamless operating room which is also mentioned in page No.2 of tender specifications. Kindly delete the word silicon sealant from tender specifications.</p>	Tender terms & conditions prevail.

	<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>	
56	<p>Operation Theatre Flooring</p> <p>The width of Copper grounding strip is 20mm instead of 50 mm. Kindly amend the same.</p>	Tender terms & conditions prevail.
57	<p>Doors and Frames (Automatically Hermetically Sealed Door)</p> <p>The size of Vision Panel recommended for Doors is 400X 500mm as per standard. You are requested to kindly amend it to '300x300/400x500mm</p>	Tender terms & conditions prevail.
58	<p>Surgeon Pendant Double Arm</p> <p>1) Tender specifications say it has pneumatic brakes which is out dated technology and not recommended for Modular OT's. Kindly amend 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 Anaesthesia Pendant.</p> <p>4) Ref. accessories, IV Management -1 ,kindly amend it to IV poles with hooks</p>	<p>1)Pneumatic/Electromagnetic Brakes</p> <p>2) Size of Shelve 700-750mm</p> <p>3) Load bearing Capacity 150-200 KG</p> <p>4)IV poles with hooks</p>
59	<p>Anaesthesia Pendant Double Arm</p> <p>1) Tender specifications say it has pneumatic brakes which is out dated 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 poles with hooks</p>
60	<p>Writing Board</p> <p>We recommend size for Writing Board is 940x640x100mm. Kindly amend and mention the same.</p>	Tender terms and conditions prevail.
61	<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 delete the thickness of glass door of 5mm as it is as</p>	Thickness – 0.8 mm-1.0 mm thick

	per requirement	
62	<p>Scrub Station</p> <p>Ref. Scrub station, please confirm who will supply 10L geyser to supply' HotWater.</p>	Tender terms & conditions prevail.
63	<p>View window (Hermetically sealed) with motorized blind</p> <p>Kindly amend and mention it to be imported.</p>	Tender terms & conditions prevail.
64	<p>OT Signage</p> <p>Kindly delete this Item from MOT bidder scope of work.</p>	Tender terms & conditions prevail.
65	<p>Turnkey Works</p> <p>1) Please elaborate the scope of work under turnkey works as turnkey works says furniture and other related works under bidder scope.</p> <p>2) Please specify other related works. Please specify who will do the earthing ?</p>	Tender terms & conditions prevail.
66	<p>You are requested to kindly add below mentioned makes for the above referred tender:</p> <p>Ref. Approved Makes for Modular OT</p> <p>1) Ref.LED OT Light- Kindly amend NexortoNexorMedical (Evonos, Germany)</p> <p>2) Ref.Pendant (Imported) - LMMedical, Italy</p> <p>3) Ref.Ceiling Filtration System - SHD,Italy</p> <p>4) Ref.Surgeon Control Panel (Imported) –LM Medical, Italy</p>	<p>Approved Makes for Modular OT</p> <p>Following makes are also added.</p> <p>LED OT Light- (Evonos, Germany)</p> <p>2)Pendant (Imported) – LM Medical, Italy</p> <p>3)Ceiling Filtration System - SHD, Italy</p> <p>4)Surgeon Control Panel (Imported) –LM Medical, Italy</p>
67	<p>You are requested to kindly add below mentioned makes for the above referred tender:</p> <p>Ref. Approved Makes for Mid End Modular OT</p> <p>1) Ref.LED OT Light- Kindly amend Nexorto Nexor Medical (Evonos, Germany)</p> <p>2) Ref. Pendant (Imported) – LM Medical, Italy</p> <p>3) Ref. Hepa Filter- AAFI Mechmaark</p>	<p>Approved Makes for Mid End Modular OT</p> <p>Following makes are also added.</p> <p>LED OT Light- Nexorto Nexor Medical (Evonos, Germany)</p> <p>Pendant (Imported) – LM Medical, Italy</p> <p>Hepa Filter- Tender terms & conditions prevail.</p>
68	<p>You are requested to kindly add below mentioned makes for the above referred tender:</p>	<p>Following makes are also added.</p>

	<p>Ref. Approved Makes for Medical Gas Manifold System</p> <p>1) Ref. Bed Head Panel(Imported) – LM Medical, Italy</p>	<p>Approved Makes for Medical Gas Manifold System</p> <p>Bed Head Panel (Imported) – LM Medical, Italy</p>
69	<p>List of Approved Makes :</p> <p>Suggested:</p> <ol style="list-style-type: none"> 1. Surgeon Control Panel (Imported)-Rein Medical, Germany 2. Digital Display Panel (Imported) – Rein Medical, Germany 	<p>Following makes are also added.</p> <p>Surgeon Control Panel (Imported)-Rein Medical, Germany</p> <p>Digital Display Panel (Imported) – Rein Medical, Germany</p>

The bid submission date is extended from 05.10.2018 to 10.10.2018 and bid security should be valid for 180 days from the date of original bid submission ie. from 26.09.2018.

All other terms & conditions remain unchanged.

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