

All Bidders

Amendment -I

Project: Supply, Installation, Testing & Commissioning of Medical Gas Manifold System for PGI Satellite Centre, Sangrur, Punjab

IFB No : HSCC/SES/MGMS/PGI/SANGRUR/2019 Date :17.07.2019

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>Terms of Payment</p> <p>1) 70 % of the BOQ contract rates on delivery of equipments at site after inspection and passing on pro-data basis.</p> <p>2) 20% of BOQ contract rates on satisfactory take over certificate by client after erection and installation, testing and commissioning of equipments on pro-data basis.</p> <p>3) 10 % of BOQ contract rates after successful completion of trial run of 30 days from the date of handover to the client.</p> <p>You are requested to kindly amend the payment terms as under:</p> <p>1) 80% against delivery of Material 2) 10% against installation 3) Balance 10% against satisfactory takeover certificate from client.</p>	<p>1) 75% of the BOQ contract rates on delivery of equipments at site after inspection and Despatch clearance report on pro-data basis.</p> <p>2) 15% 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.</p>
2.	<p>Oxygen Manifold / Nitrous Oxide Manifold / Carbon Di-Oxide Manifold</p> <p>The manifold should be tested (hydraulically) at 3500 psig pressure</p> <p>In NFPA standard, Manifolds are designed to be tested at 3000 psig instead of 3500 psig. You are requested to kindly amend the same.</p>	<p>The manifold should be tested (hydraulically) at 3000-3500 psig pressure.</p>

3	<p>Item No. 1F- Liquid Medical Oxygen Storage Tank</p> <p>Max working pressure – 17 Bar G</p> <p>It should be amended as 17.6 kg/cm²g</p>	17-17.6 Bar G
4	<p>Item No. 1F- Liquid Medical Oxygen Storage Tank</p> <p>Pressure reducing station- Pressure regulator design flow rate of minimum 2000 LPM</p> <p>As vaporizer flow rate is 1200 Nm³/hr, pressure regulators designed flow rate is 25 LPM. Kindly correct the same.</p>	Tender terms & conditions prevail.
5	<p>Item Sr. No.3 - Vacuum (Suction) System</p> <p>The system shall include the following accessories for each pump: inlet check valve, inlet isolation valve, vacuum control switch, oil temperature gauge, thermal malfunction switch and vacuum control switch. Provide flexible connectors on inlet and exhaust of each pump, exhaust tee with union, cock valve as well as copper tubing with shut-off cock for gauge and vacuum switches.</p> <p>Please note that in NFPA Standard, Oil Temperature Guage is not recommended, hence it should be deleted from tender technical specifications.</p>	Shall be as per standard mentioned in the technical specification or as per technical specification.
6	<p>Item Sr. No.3 - Vacuum (Suction) System</p> <p>Should be UL Listed / European CE Certified</p> <p>Please note, in NFPA Standard, Control Panels of Plant is UL Listed not the complete package unit. You are therefore requested to kindly amend and mention that ‘In case of NFPA Standard, Control Panel of Compressed Air System should be UL Listed and undertaking for the same shall be provided from Manufacturer)</p> <p>Further for genuinity of product, kindly amend European CE Certified to European CE Marked with 4 digit notified body no.</p>	European CE Marked with 4 digit notified body no.
7	<p>Item Sr. No.4 - Air Compressors (Imported)</p> <p>Dual air dryers, dual 0.5 micron pre-filters, dual</p>	Shall be as per laid down standard in technical specification or as per

	<p>0.5 micron after-filters, line pressure regulating valves, dew point monitor, CO monitor and other accessories required to meet and exceed the current code requirements shall be mounted on the compressor system base.</p> <p>The first stage shall be a prime efficiency come together with particles removal down to 0.5 micron with 99.9999% retention. This filter removes aerosols and solid particles.</p> <p>In NFPA Standard, the Pre-filters are 0.01 micron and After Filters are 1 micron. You are requested to kindly correct the same.</p>	technical specification
8	<p>Item Sr. No.4 - Air Compressors (Imported)</p> <p>The Compressed air system shall be to provide minimum system capacity at 8.5 -10 Bar</p> <p>The pressure of 8.5 bar in case of Air Compressors is not recommended. Kindly amend it to 10 Bar or above.</p>	Tender terms & conditions prevail.
9	<p>Item Sr. No.4 - Air Compressors (Imported)</p> <p>The System shall have UL Listed / CE marked Control Panel.</p> <p>Please note, in NFPA Standard, Control Panels of Plant is UL Listed not the complete package unit. You are therefore requested to kindly amend and mention that 'In case of NFPA Standard, Control Panel of Compressed Air System should be UL Listed and undertaking for the same shall be provided from Manufacturer)</p> <p>Further for genuineness of product, kindly amend European CE marked to European CE Marked with 4 digit notified body no</p>	European CE Marked with 4 digit notified body no.
10	<p>Item Sr. No.5- Distribution Piping</p> <p>As per BOQ – 35 mm OD x 1mm thick</p> <p>The thickness of Copper Pipe of 35mm mentioned in the tender technical specifications is 1.2mm, however the same is inadvertently mentioned as 1 mm in the BOQ. You are requested to kindly correct the thickness of 35 mm as 1.5mm thick in the BOQ of tender.</p>	In BOQ thickness may be read as 1.2 mm. Revised BOQ is attached.
11	Item Sr. No.6- Alarm System (Touch Type)	Alarm System should be Touch/Digital Type.

	<p>Alarm System (Touch Type)</p> <p>Please note that “Touch Type Alarm” is a company specific feature and not product specific. This feature is only available with one Company. No other company can comply with this specific alarm feature. We are having Digital type LED Alarms. You are requested to kindly accept the same and issue necessary corrigendum for the same. Please note that in original tender, this clause was amended and corrigendum issued.</p>	
12	<p>Item Sr. No.6- Alarm System (Touch Type)</p> <p>Each specific service shall be provided with an LED digital read out comprising of 0-250 psi for positive pressure and 0-30 inch Hg for vacuum.</p> <p>In NFPA standard, 0-249 psi for positive pressure and 0-30 inch Hg for Vacuum is recommended. You are requested to kindly amend the same.</p>	<p>Shall be as per laid down standard in technical specification or as per technical specification</p>
13	<p>Item Sr. No.6- Alarm System (Touch Type)</p> <p>A bar graph trend indicator shall be provided for each service indicating a green “NORMAL”, yellow “CAUTION” and a red “HIGH” or “LOW” alarm condition.</p> <p>In NFPA Standard, Bar graph trend indicator for alarm have Green for NORMAL and Red for HIGH or LOW. You are requested to kindly amend the same.</p>	<p>Shall be as per laid down standard in technical specification or as per technical specification</p>
14	<p>Item Sr. No.6- Alarm System (Touch Type)</p> <p>Should be UL Listed / European CE Certified</p> <p>It is mentioned that product should be UL Listed / European CE Certified. For genuinity of product, we request you to kindly amend the same to UL Listed / European CE marked with 4 Digit Notified Body No.</p>	<p>UL Listed / European CE marked with 4 Digit Notified Body No.</p>
15	<p>Item Sr. No.7 - Horizontal / Vertical Bed Head Panel</p> <p>Kindly add the point stating, Horizontal Bed Head Panels should have Built-in light feature</p>	<p>Horizontal Bed Head Panels should have Built-in light feature.</p>
16	<p>Item Sr. No.12 – Gas Outlet</p> <p>Outlets shall be manufactured with a 165 mm long Copper inlet pipe stub which is silver brazed to the outlet body.</p>	<p>“Outlets shall be manufactured with a 165 / 203 mm long Copper inlet pipe”.</p>

	<p>The Length Copper Inlet Pipe mentioned is specific to one company. You are requested to kindly amend the same and mention “Outlets shall be manufactured with a 165 / 203 mm long Copper inlet pipe”.</p>	
17	<p>Item Sr. No.12 – Gas Outlet</p> <p>Para 2 - In the event the primary check valve is removed for maintenance there should not be any leakage</p> <p>In NFPA Standard, outlets come with secondary check valve for maintenance. You are therefore requested to kindly amend and mention “In the event the Secondary check valve is removed for maintenance there should not be any leakage”</p>	<p>Shall be as per laid down standard in technical specification or as per technical specification</p>
18	<p>Item Sr. No.9.0 - Anesthesia Gas Scavenging System (Imported)</p> <p>Please clarify LPM requirement for AGSS System with standby requirement.</p>	<p>Capacity of AGSS shall be Minimum 1000 LPM as Primary and 1000 LPM as Standby</p>
19	<p>Item Sr. No.9.0 - Anesthesia Gas Scavenging System (Imported)</p> <p>Should be UL Listed / European CE Certified</p> <p>Please note, in NFPA Standard, Control Panels of Plant is UL Listed not the complete package unit. You are therefore requested to kindly amend and mention that ‘In case of NFPA Standard, Control Panel of AGSS should be UL Listed and undertaking for the same shall be provided from Manufacturer)</p> <p>Further for genuinity of product, kindly amend European CE Certified to European CE Marked with 4 digit notified body no.</p>	<p>European CE Marked with 4 digit notified body no.</p>
20	<p>Item Sr. No.11.2 - Ward Vacuum Unit</p> <p>Suction Controller / Regulator (Digital type)</p> <p>You have asked for Vacuum regulators of Digital type. Please clarify and confirm whether the required regulators and Ward Vacuum Unit is indigenous or imported.</p>	<p>Tender terms & conditions prevail.</p>
21	<p>Item Sr. No.11.3 - Theatre Vacuum Unit</p> <p>Suction Controller / Regulator (Digital type)</p>	<p>Tender terms & conditions prevail.</p>

	<p>You have asked for Vacuum regulators of Digital type. Please clarify and confirm whether the required regulators and Theatre Vacuum unit is indigenous or imported.</p>	
22	<p>Item Sr. No.11.3 - Theatre Vacuum Unit</p> <p>A 3-way valve will select the collection Jars: Left, Right or Both</p> <p>3 way valve is a company specific feature. You are requested to kindly delete the same and mention "It shall be switched manually between collection Jars".</p>	<p>3-way valve will select the collection Jars or shall be switched manually between collection Jars</p>
23	<p>Item Sr. No.15 - Line Isolation Valves</p> <p>The Lockable Line valves must be European CE Mark / UL Listed.</p> <p>In NFPA Standard, Isolation valves are manufactured in compliance with NFPA-99c standard and are not European CE Mark / UL Listed. You are therefore requested to kindly delete the UL Listing / European CE Marking for those who are quoting as per NFPA Standard.</p>	<p>Shall be as per laid down standard in technical specification or as per technical specification</p>
24	<p>Turnkey Work</p> <p>Please provide breakup of works to be done by MGPS bidder under turnkey works, since the description of Turnkey works to be done by bidder given under Sr. No.16 of Technical specifications is very confusing.</p> <p>Kindly provide break up in the BOQ of all the Turnkey jobs to be done by bidder.</p>	<p>Tender terms & conditions prevail.</p>
25	<p>Regarding Operation During Defect Liability Period</p> <p>At page -24 of Technical Specifications- The Contractor should provide Operation during Defect Liability Period</p>	<p>Deleted</p>
26	<p>It is mentioned that the Contractor has to provide operation during DLP, however the charges for Operation is not asked in the BOQ of tender.</p> <p>Please note since operation contains manpower, hence charges for providing operation should be added in tender BOQ. You are requested to kindly mention the same.</p> <p>Further please define Number of Manpower</p>	<p>Deleted</p>

	required for operation at site.	
27	<p>To be clarified</p> <p>Ref. below mentioned items, you have not clarified whether the required equipment is indigenous or imported. You are requested to kindly clarify the same.</p> <ol style="list-style-type: none"> 1) Oxygen Manifold System 2) Oxygen Emergency Supply System 3) Nitrous Oxide Manifold 4) Emergency Nitrous Oxide System 5) Valve Boxes 6) Ward Vacuum Unit 7) Theatre Vacuum Unit 8) High Pressure Tubing 	Tender terms & conditions prevail.
28	<p>To be added in the tender</p> <p>Please refer to the three tenders recently published by HSCC for AIIMS Nagpur, AIIMS, Kalyani and AIIMS Guntur wherein below mentioned clause is given in the tender, however the same is not added / considered in this tender. You are requested to kindly add the below mentioned clause in this tender also.</p> <p>The following systems/items must be from the same principal Company / Manufacturer:</p> <ol style="list-style-type: none"> a. Control Panels & Manifold for O2, N2O & CO2 b. Medical air plant c. Medical Vacuum Plant d. AGSS Plant e. Area & Master Alarm f. All types Outlets g. AVSU h. Line Isolation valves i. High Pressure tubes 	Tender terms & conditions prevail.
29	<p>To be amended</p> <p>Budget of this tender is very less, however BOQ quantities are huge. You are requested to kindly increase the budget of the tender.</p>	Tender terms & conditions prevail.
30	<p>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>	Tender terms & conditions prevail.

	<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 Medical Gas Manifold System.</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>	
31	<p>Volume-I, Page no. 3,</p> <p>Period of Completion</p> <p>We request the period of completion should be 6 months after approval of drawings. You would appreciate that quantum of this is Project is large</p>	Tender terms & conditions prevail.

	<p>and arranging quantity of material takes time and resources. This is not mere supply of equipments items like Air System, Vaccum System, Control Panel 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>	
32	<p>Volume-III, 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, most of the tendered items are Imported. 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>	<p>Document Fee and EMD is not exempted for procurement of imported items.</p>
33	<p>Volume-III, Page no. SCC-38, Clause no. 21.0 Terms of Payment</p> <p>For purposes of estimating the contract value of works executed for certificate of payment, the following norms shall be followed:</p> <p>1) 70% of the BOQ contract rates on delivery of equipments at site after inspection and passing on pro-data basis.</p> <p>2) 20% of BOQ contract rates on satisfactory take over certificate by client after erection and installation, testing and commissioning of equipments on pro-data basis.</p> <p>3) 10 % of BOQ contract rates after successful completion of trial run of 30 days from the date</p>	<p>1) 75% of the BOQ contract rates on delivery of equipments at site after inspection and Despatch clearance report on pro-data basis.</p> <p>2) 15% 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.</p>

	<p>of handover to the client on pro-data basis.</p> <p>We request, the payment terms should be amended as:</p> <ol style="list-style-type: none"> 1) 75% of the BOQ contract rates on delivery of equipments at site after inspection and passing on pro-data basis. 2) 15% of BOQ contract rates on satisfactory take over certificate by M/s HSCC after installation. 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>Please appreciate, as soon as the work order is received , the contractor has to initiate necessary actions for successful execution of the work order. Among the very important, Contractor need to place order to the respective suppliers along with 100% payment because supplier will not wait till the completion of the project. Here it is worthwhile to say that contractor do not get 75% payment as 5% amount gets hold for Security from Running Bill; 1% towards Labour Cess; 10% towards Performance Bank Guarantee, 12% towards GST & in case of delay in supply liquidated damages. After going through all this in the netshell a contractor gets approximately 50% amount at the initial stage. It is just a eye wash that 70% payment will be released on pro-rata basis. Initial payment is the lifeline to the contractors, which gives relief up to some extent.</p>	
34	<p>With regard to 20% payment, please be noted that commissioning and handing over has no difference. After commissioning by our experience, most of the sites are not ready for handover such as civil work is not complete, hospital staff is not available etc etc. Without any fault of contractor, he need to wait for the payment till the handing over takes place. Therefore this payment should be at the time of erection, installation.</p> <p>You will appreciate GST tax regime has been implemented since 1st July 2017 by Govt. of India. With the implementation of this system</p>	Tender terms & conditions prevail.

	<p>vis-a-vis in current payment structure, most of the projects gets delayed or handing over not taken by the Hospital/Institute/Department; because of this the balance payment gets stuck for longer duration. This way the liquidity get blocked and input credit is lost.</p>	
35	<p>Common</p> <p>Imported</p> <p>We understand, Imported means the place from where the goods are mined, cultivated, grown, manufactured, produced or processed and Outside India.</p> <p>Accordingly the certification of the product applies i.e. if it is UL Listed certification same shall be applicable to American Manufacturer only and European CE Certification same shall be applicable to European Manufacturer only. We request this criteria should be strictly applied and maintained.</p> <p>It is further requested that the European CE Certified/UL listed Criteria for NFPA-99 STANDARD SHOULD BE "CERTIFICATION, WHEREVER APPLICABLE FOR ALL THE ITEMS of MEDICAL GAS".</p>	<p>Tender terms & conditions prevail.</p>
36	<p>Tech. Spec.-Page 10 & 11</p> <p>3.0 Vacuum (Suction) System (Imported)</p> <p>We request the Vacuum (Suction) System (Imported), Air Compressor (Imported), Anesthesia Gas Scavenging System (Imported), should be factory fitted, factory tested, packed, pre-wired & pre-piped and tank mounted. As the plants are expensive items and that too imported, the genuiness& authenticity of the product should be utmost priority.</p>	<p>Tender terms & conditions prevail.</p>
37	<p>Tech. Spec.-Page 11 & 12</p> <p>4.0 Air Compressors (Imported)</p> <p>We request the Vacuum (Suction) System (Imported), Air Compressor (Imported), Anesthesia Gas Scavenging System (Imported), should be factory fitted, factory tested, packed, pre-wired & pre-piped and tank mounted. As the plants are expensive items and that too imported,</p>	<p>Vacuum (Suction) System (Imported), Air Compressor (Imported), Anesthesia Gas Scavenging System should be factory fitted, factory tested, packed, pre-wired & pre-piped</p>

	the genuiness & authenticity of the product should be utmost priority.	
38	<p>Tech. Spec.-Page 18 & 19</p> <p>9.0 Anesthesia Gas Scavenging System (Imported) :-</p> <p>We request the Vacuum (Suction) System (Imported), Air Compressor (Imported), Anesthesia Gas Scavenging System (Imported), should be factory fitted, factory tested, packed, pre-wired & pre-piped and tank mounted. As the plants are expensive items and that too imported, the genuiness & authenticity of the product should be utmost priority.</p>	Vacuum (Suction) System (Imported), Air Compressor (Imported), Anesthesia Gas Scavenging System should be factory fitted, factory tested, packed, pre-wired & pre-piped
39	<p>Tech. Specs. - Page no. 13</p> <p>5. DISTRIBUTION PIPING (Indigenous)</p> <p>We request the Medical Grade Copper Pipe should be Kite Mark. Here, Lloyd is 3rd party Inspection Agency whereas Kite Mark product and service quality certification mark which is owned and operated by the British Standards (BSI Group). It is a voluntary mark of manufacturers and service industries use to demonstrate safety and reliability. The product has been proven to meet the agreed high standard. We therefore request Copper Pipe should be kite marked.</p>	Tender terms & conditions prevail.
40	<p>Tech. Specs.-Page 14 to 16</p> <p>6.0 Alarm System (Imported)</p> <p>We request kindly do not amendment the latest Touch Type Alarm Technology later.</p>	Alarm shall be Touch/Digital type
41	<p>Tech. Spec.-Page 14 to 16</p> <p>Tech. Spec.-Page 17 to 18</p> <p>6.0 Alarm System (Imported)</p> <p>8.0 Valve Boxes</p> <p>We request the Alarm System and Valve Boxes should be combined.</p> <p>Every critical care patient area in a hospital is controlled by a zone valve box and monitored by an area alarm. Alarm Valve Box Combination Unit is built to offer users, years of proficient service.</p>	Tender terms & conditions prevail.

	<p>Save wall space and installation time by using the area alarm zone valve box combination unit. It has ability to install sensors directly inside the Valve Box eliminates the need for prolonged, complex maintenance, as well as the search for absent sensors. . Previous concerns regarding convenience, space, maintenance and accessibility become uncertainties of the past, with the ground-breaking Alarm Valve Combo Unit.</p>	
42	<p>1- Ideal 2 in 1 design, combines the Area Alarm and Zone Valve Box, to allow for space restrictions 2- True digital, illuminated LED display readable even in poor lighting conditions 3- High/low alarm set-points are field adjustable for each gas service Repeat alarm, adjustable 1 to 60 minutes or off 4- Gas specific sensor with DISS nut and nipple 5- Alarm buzzer in excess of 90 decibels 6- Each module marked with an approved medical gas identification label 7- Pre-mounted pull-out ring allows for ease of maintenance 8- Individual microprocessor for each display and sensor module; digital sensor is mounted locally 9- Dry contacts for remote monitoring of the high and low alarm</p> <p>It should be European CE/ETL/UL Listed.</p> <p>We therefore request to kindly amend and make Alarm System & Valve Box Combined.</p>	Tender terms & conditions prevail.
43	<p>Tech. Spec-Page no. 19 & 20</p> <p>11.1 Flow meter with Humidifier (Imported)</p> <p>Since Flow meter with Humidifier is Imported, for quality assurance the item should be European CE with 4 digit notified no./USFDA certified.</p>	European CE with 4 digit notified no./USFDA certified
44	<p>Tech. Spec.-Page 20</p> <p>11.2 Ward Vacuum Units - Gauge The vacuum regulator will be step-less adjustable and have large vacuum gauge providing digital/analogue indication of the suction supplied by the regulator.</p> <p>We request the ward vacuum unit regulators should be digital instead of digital/analogue. The</p>	Tender terms & conditions prevail.

	<p>digital regulators are more accurate and precise in comparison to analogue system. Digital regulators are being used now a days for accurate results.</p>	
45	<p>1.2 of Volume – I</p> <p>Page No. 5</p> <p>COMPLETION PERIOD: 5 months from the date of order of commencement.</p> <p>We request you to kindly change the COMPLETION PERIOD to 12 months instead of 5 months from the date of order of commencement because the volume of order is big and dependencies are huge.</p>	Tender terms & conditions prevail.
46	<p>10.1 of VOLUME – II</p> <p>GCC – 10</p> <p>Performance Security: The Contractor shall provide security for his proper performance of the Contract to the Employer within 15 days after the receipt of the Letter of Acceptance. The performance security shall be in the form of bank guarantee. The amount of the bank guarantee shall be 10 percent of the Contract Price. It shall be issued by a Nationalised bank of India. When providing such security to the Employer, the Contractor shall notify the Engineer of so doing.</p> <p>Performance BG should not be more than 5% of order value and submission must be minimum 30 days from the date of your firm order. In place of Nationalised Bank you should mention Scheduled banks.</p>	Tender terms & conditions prevail.
47	<p>12.1 & 12.2 of Volume – III</p> <p>SCC-12</p> <p>Bid Security : The Bidder shall furnish, as part of his Bid, a Bid Security of the amount of Rs. 10,80,000/- (Rupees Ten Lakhs Eighty Thousand Only) for Supply, Installation ,Testing & Commissioning of Medical Gas Manifold System for Satellite Centre of PGIMER at Village Ghabdan, Sangrur. No deviation shall be permitted from this.</p> <p>The Bid Security shall be in the form of a</p>	Tender terms & conditions prevail.

	<p>Demand Draft/Pay Order/Bank Guarantee in favour of HSCC (India) Ltd. Payable at New Delhi/NOIDA from any Nationalised/Scheduled bank.</p> <p>Bid Security may please be reduced to 1% of estimated value only which means Rs. 5.40 lac in place of Rs. 10.80 lac, you can understand that this blocks bidders finances as you know government takes long time in deciding the tender and then returning the EMD.</p>	
48	<p>21.0 & 21.1 of Volume – III</p> <p>SCC - 37 & 38</p> <p>Terms of Payment: For purposes of estimating the contract value of works executed for certificate of payment, the following norms shall be followed:</p> <p>1) 70 % of the BOQ contract rates on delivery of equipments at site after inspection and passing on pro-data basis.</p> <p>2) 20% of BOQ contract rates on satisfactory take over certificate by client after erection and installation, testing and commissioning of equipments on pro-data basis.</p> <p>3) 10 % of BOQ contract rates after successful completion of trial run of 30 days from the date of handover to the client</p> <p>(1) Please amend the payment terms as : 85% against delivery of material on or before 30 days from the date of supply the material. 10% against installation on pro-rata basis within 30 days of submission of bills and balance 5% against testing and commissioning within 30 days of submission of bills, in case site is not ready or electrical supply, gas supplies are not provided, contractor payment will be released within 30 days of testing and commissioning against undertaking that as and when electricity and gases will be provided contractor will do the needful without any extra charges.</p>	<p>1) 75% of the BOQ contract rates on delivery of equipments at site after inspection and Despatch clearance report on pro-data basis.</p> <p>2) 15% 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.</p>

	<p>(2) Since, your technical specifications asking for International standards which can only be met with foreign manufacturer in totality which clearly means that you are looking for imported components. In such case you should give an option for quoting in foreign currency and you need to pay these foreign suppliers by means of letter of credit, with this you will be 100% assured that you are getting 100% imported material directly from manufacturers. This will avoid foreign makes stamping on local products, which is happening very commonly.</p>	
49	<p>Standards/ Guideline of Volume – IV</p> <p>Page No. 2</p> <p>Standards/Guideline</p> <p>The design & selection of all imported items should be of international standard like NFPA 99(latest version) standard and UL listed or ISO-7396-1/DIN/ EN (latest version) and UL listed/European CE or HTM 02 01 (latest version) guideline and European CE. This supersedes single/multiple standards mentioned at any other places in the tender specification involving item/system/capacity etc. The imported products should be of one standard only. All indigenous items should be of high quality and to be compatible to the main system.</p> <p>This is restricted and biased requirement to favour proven cartel companies because to meet such unwanted requirement cannot be met with foreign manufacturers / suppliers which are very limited and all of them are being represented by proven cartel companies on exclusivity who will be bidding this tender and also what is the reason of excluding copper pipes because you want proven cartel companies to supply you BS EN 13348 copper pipes which are in mm and made locally however you will accept these bidders NFPA standard gas outlets which comes with copper pipes as per ASTM standard in inches and there is fitment issues to braze gas outlet inbuilt copper pipes and isolation valves with BS EN 13348 copper pipes hence you are inviting mix and match standards. Under the circumstances your main demand to follow one of standard in totality is incorrect, hence this clause may please be removed.</p>	Tender terms & conditions prevail.

50	<p>4.0 of Volume – IV</p> <p>11 & 12</p> <p>Air Compressors (Imported)</p> <p>The Compressed air system shall be to provide minimum system capacity 150(±10%)Scfm/4250 LPM at 8.5 - 10 bar to be delivered to the hospital with necessary standby arrangement as per the requirement of the relevant standard with Scroll/Screw air compressors, allied equipment, suitable tank and control panel.</p> <p>Compressed air system should conform to NFPA-99c/HTM-02-01/ISO-7396-1/DIN/EN. Should be UL Listed/European CE certified.</p> <ul style="list-style-type: none"> • The medical air compressors shall be of the totally oil-less Scroll. Each compressor shall be belt driven by a suitable HP, 3 phase, 50 cycle, 415volt, motor. • The system shall be equipped with filters. • The system shall have UL listed/CE marked control panel. • Dual air dryers, dual 0.5 micron pre-filters, dual 0.5 micron after-filters, line pressure regulating valves, dew point monitor, CO monitor and other accessories required to meet and exceed the current code requirements shall be mounted on the compressor system base. <p>We request you to please remove the word oil-less compressors from Air Compressor Modules because as per HTM which is mentioned in your tender does not require oil-less compressors because all the UK manufacturers who are producing Air plants as per HTM are using oil-flooded screw compressors (because their efficiencies are many times higher than oil-less compressors) and all UK hospitals and even in Europe as per ISO:7396 and Middle east hospitals are using oil-flooded air compressors. Once you are demanding HTM standard / recommendations then it is the responsibility of manufacturer to design and manufacture the air plants with medical air quality by using any types of air compressors but by using this oil-less word you are only inviting NFPA standard / recommendations and mentioning of HTM is an eye. We strongly object this approach to favour only proven cartel companies.</p>	Tender terms & conditions prevail.
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51	<p>Sl.No. 11.2 of Volume – IV</p> <p>Page No. 20</p> <p>Ward Vacuum Units Ward vacuum Unit shall be wall mounted and shall consists of followings with same make :- Suction Controller/ Regulator (Digital type- easy view) Collection bottle 500 to 2000 ml with mounting arrangement. The vacuum regulator will be step-less adjustable and have large vacuum gauge providing digital/analogue indication of the suction supplied by the regulator. Safety trap shall be provided inside the jar to safeguard the regulator from overflowing. Different colour options should be available. The unit will be consisting of reusable 500 to 2000 ml shatter resistant bottle, each made up of Polycarbonate material and fully autoclavable at 121 degree centigrade.</p> <p>We request you to please confirm the following details:</p> <ol style="list-style-type: none"> 1. Do you need Digital Type Regulator or Analogue? 2. Do you need Imported or Indigenous Ward & Theatre Vacuum Units? 3. If you need Imported Ward & Theatre Vacuum Units than these items should not be considered under one standard condition. 	Tender terms & conditions prevail.
52	<p>Sl.No. 11.3 of Volume – IV</p> <p>Page No. 20</p> <p>Theatre Vacuum Units The vacuum regulator will be step-less adjustable and have large vacuum gauge providing Digital indication of the suction supplied by the regulator. Safety trap will be provided inside the jar to safeguard the regulator from overflowing. Different colour options should be available.</p> <p>The unit will be consisting of two reusable 2000 ml each shatter resistant bottle, each made up of Polycarbonate material and fully autoclavable at 121 degree centigrade.</p> <p>A 3-way valve will select the collection jars : Left, Right or Both. All the above items should</p>	Tender terms & conditions prevail.

	<p>be mounted on aluminium Trolley having free moving castor wheels.</p> <p>We request you to please confirm the following details:</p> <ol style="list-style-type: none"> 1. Do you need Digital Type Regulator or Analogue? 2. Do you need Imported or Indigenous Ward & Theatre Vacuum Units? 3. If you need Imported Ward & Theatre Vacuum Units than these items should not be considered under one standard condition. 	
53	<p>Sl.No. 5 of Volume – V</p> <p>Page No. 2</p> <p>DISTRIBUTION PIPING (Indigenous) Medical graded Copper pipes shall be solid drawn, tempered, seamless, phosphorous deoxidized, non-arsenic and degreased for oxygen service. The chemical composition shall be as per BS-6017: 1981 Table 2, Cu-DHP grade. Distribution Copper Pipe manufactured as per BSEN:13348:2008 complete with dew point apparatus and carbon monoxide monitoring facility as per specifications.</p> <p>We request you to kindly allow Distribution Piping from both Indigenous / Imported makes. Also this should not be considered under one standard condition.</p>	Tender terms & conditions prevail.

The bid submission date is extended from 07.08.2019 to 14.08.2019 and bid security should be valid for 180 days from the date of original bid submission ie. From 07.08.2019.

All other terms & conditions remain unchanged.

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