

**AMENDMENT-IV**

**Subject: Tender for “Execution including Design, Supply, Installation, Testing & Commissioning of Special services (SES) Works at 100 bedded Hospital at ESIC Siliguri-West Bengal”.**

**Tender No: HSCC/SES/ESIC/SILIGURI/WEST BENGAL/2024/65 Date:21.08.2024**

With reference to the above cited subject work, the following Amendment may be noted, which shall be treated as a part of the contract to be uploaded along with tender/ bid:

**1. The Last date of submission & opening of bids has been extended as follows:**

Last date to fill/upload the tender:                   **upto 15:00 hrs. on 11.10.2024**  
through e-Tendering

Date of Opening of bids :                                   on 11.10.2024 at 16:00 hrs.

The validity of Bid Security/ Earnest Money Deposit (EMD) to be submitted by the bidders with their bid in the form of Bank Guarantee (BG) shall be considered from the original due date of bid submission i.e., from 05.09.2024.

**2. Reply to Pre Bid Queries raised by bidders during pre -bid meeting held on 28.08.2024 at HSCC, Head Office, Noida with Amended BOQ.**

Sr. No.	Vol./ Cl.No. / Ref.	Bidder Queries / request	HSCC Reply / to be amended
1.		<p>1. Description as per tender: Design, Supply, Installation, Testing &amp; Commissioning of Modular Operation Theatre, Medical Gas Manifold System (MGMS), Central Sterilization Supply Department (CSSD), Kitchen and Laundry work etc. and their maintenance during defect liability period etc.</p> <p>2. ISSUES REQUIRED AMENDMENTS: - This tender is combination of 2 specialized bidders, 1 is for Modular Operation Theatre (MOT)/Medical Gas Manifold System (MGMS) and 2nd is for Central Sterilization Supply Department (CSSD), Kitchen and Laundry works. Both the works are specialized different in nature, the manufacturing process, the machinery required for product, the engineer and technicians for installation/execution different. The mill store and hardware used. The design standard and product standards, and raw material is also of different nature. Due to total different nature of works no company having specialization against other work.</p> <p>3. RESPECTFULLY SUGGESTED REQUIRED CHANGES MOT/MGPS &amp; CSSD/Kitchen Laundry are different works in nature, therefore we request you to kindly issue amendment either for Joint Venture or Split this tender into two different tenders.</p>	Tender terms & conditions prevail.
2.	Tech. Specs. (CSSD) Vol 4	<p><b>HORIZONTAL RECTANGULAR DOUBLE DOOR AUTOCLAVE</b> Capacity – 550-600L <b>Requested Amendment</b> Capacity – 550-600L with minimum 8 STU in single process.</p>	Tender terms & conditions prevail.
3.	Tech. Specs. (CSSD) Vol 4	<p><b>The sterilizer is conforming to the following standards:</b> - <b>ISO certified 9001 : 2008</b> - <b>ISO certify 13485 : 2003</b> - <b>CE certified</b> <b>Requested Amendment</b> The sterilizer is conforming to the following standards: - ISO certified 9001 : 2015 - ISO certify 13485:2016 - European CE certified from 4 digit notified body as per MDR (EU) 2017/745 - PED Certificate as per directive 2014/68/EU from 4 digit notified body.</p>	Tender terms & conditions prevail.

4.	Tech. Specs. (CSSD) Vol 4	<p><b>The Vertical Sliding Doors made of AISI-316L Stainless steel should be with automatic door sealing. The pneumatically operated door slides vertically upward to close. Doors include all interlocking safety devices prescribed by the world's safety standards and since the surface temperature of the door never exceeds 55°C; the risk of burn injuries is eliminated</b></p> <p><b>Requested Amendment</b> The Vertical Sliding Double Doors made of AISI-316L/ 316Ti Stainless steel should be with automatic door sealing. The pneumatically/ electrically operated door slides vertically upward to close. Doors include all interlocking safety devices prescribed by the world's safety standards and since the surface temperature of the door never exceeds 55°C; the risk of burn injuries is eliminated.</p>	Tender terms & conditions prevail.
5.	Tech. Specs. (CSSD) Vol 4	<p><b>The Sterilizer system is incorporated with PLC based microprocessor with the facility of Human-Machine-Interface</b></p> <p><b>Requested Amendment</b> The Sterilizer system is incorporated with <b>Dual PLC based microprocessor</b> with the facility of Human-Machine-Interface</p>	Tender terms & conditions prevail.
6.	Tech. Specs. (CSSD) Vol 4	<p><b>ETHYLENE OXIDE STERILIZER</b></p> <p><b>Requested Amendment</b> Not Mentioned in the BOQ list.</p>	Revised BOQ (CSSD) enclosed.
7.	Tech. Specs. (CSSD) Vol 4	<p><b>DOUBLE DOOR WASHER DISINFECTOR WITH ACCESSORIES</b></p> <p><b>Chamber Capacity: Operational Volume should be 300 L. The chamber should be made of S.S. 316 quality with electro polished washed surfaces. The chamber edges should not have the pockets &amp; folds so as to avoid bacterial growth.</b></p> <p><b>Requested Amendment</b> Chamber Capacity: Operational Volume should be 260 L or more with minimum 10 DIN in single process. The chamber should be made of S.S. 316 quality with Mechanically / electro polished washed surfaces. The chamber edges should not have the pockets &amp; folds so as to avoid bacterial growth.</p>	Tender terms & conditions prevail.
8.	Tech. Specs. (CSSD) Vol 4	<p><b>Washer should have a built in self-cleaning debris filter</b></p> <p><b>Requested Amendment</b> Washer should have a built in self-cleaning / Periodic Cleaning debris filter</p>	Tender terms & conditions prevail.
9.	Tech. Specs. (CSSD) Vol 4	<p><b>Standards &amp; Norms:</b> <b>Should be CE certified.</b> <b>Manufacturer should be ISO 13485:2003/ EN ISO15883/ISO9001</b></p> <p><b>Requested Amendment</b> Standards &amp; Norms: Should be <b>US FDA/European CE certified from 4 digit notified body.</b> Manufacturer should be ISO 13485:2003/ EN ISO15883/ ISO9001</p>	Tender terms & conditions prevail.

10.	Tech. Specs. (CSSD) Vol 4	<p><b>ULTRASONIC CLEANER (40 L)</b>  <b>The tank should be made of solid stainless steel (316).</b>  <b>Requested Amendment</b>  The tank should be made of solid stainless steel (316/318).</p> <p><b>Ultrasonic cleaner should be CE certified</b>  <b>Requested Amendment</b>  Ultrasonic cleaner should have Declaration of Conformity in accordance with MDR directive (EU) 2017/745 and ISO 13485: 2016.</p>	Tender terms & conditions prevail.
11.	Tech. Specs. (CSSD) Vol 4	<p><b>HEAT SEALING MACHINE</b>  <b>Rotary heat sealer should be CE certified</b>  <b>Requested Amendment</b>  Rotary heat sealer should Conformity to European CE.</p>	Rotary heat sealer should CE certified/Conformity to European CE.
12.	Tech. Specs. (CSSD) Vol 4	<p><b>DRYING CABINET</b>  <b>Inner chamber should be made up of stainless steel and outer chamber should be of SS sheets</b>  <b>Requested Amendment</b>  Inner chamber should be made up of stainless steel-316/304 and outer chamber should be of epoxy painted</p>	Tender terms & conditions prevail.
13.	Tech. Specs. (CSSD) Vol 4	<p><b>Should have heaters of minimum 3.5 KW</b>  <b>Requested Amendment</b>  Should have heaters of minimum 1.5 KW or more</p>	Tender terms & conditions prevail.
14.	Tech. Specs. (CSSD) Vol 4	<p>Capacity-<b>275L</b>  <b>Requested Amendment</b>  Capacity - Approximate size-200 L or more</p>	Tender terms & conditions prevail.
15.	Tech. Specs. (CSSD) Vol 4	<p><b>CONTROL &amp; PACKING TABLE WITH TWO SHELVES FOR CLEAN AREA</b>  <b>Should have double workspace. One workplace table should have 700 mm wide worktop and other workplace should have 1400 mm worktop.</b>  <b>Requested Amendment</b>  Should have double workspace. One workplace table should have 700 mm wide worktop and Total workplace should have 1400 mm worktop.</p>	<p><b>CONTROL &amp; PACKING TABLE WITH TWO SHELVES FOR CLEAN AREA</b></p> <p>Should have double workspace. One workplace table should have 700 mm wide worktop and Total</p>

			workplace should have 1400 mm worktop.
16.		<p><b>Added Specification for Each Furniture Items:</b>  <b>Requested Amendment</b>  Certification: System should have ISO 13485:2016, ISO 45001:2018, ISO 9001: 2015, CE Certificate, ISO 14001:2015.  ± 5% tolerance may please be allowed in sizes for furniture items</p>	Tender terms & conditions prevail.
17.	Vol. 1 Page no. 01	<p><b>Eligibility &amp; Commercial Terms</b>  <b>Estimated Cost put to tender (ECPT): Rs. 6.45 Cr (Rupees Six Crore and Forty Five Lakhs Only) excluding CMC for the works (Part-I).-</b>  <b>Requested Amendment</b>  Please enhance the Estimate budget and separate for each project.</p>	Tender terms & conditions prevail.
18.	Vol. 1 Page no. 03	<p><b>Similar Work” shall mean Establishment of medical facility in India such as Supply, Installation, Testing &amp; Commissioning of Modular Operation Theatre and Medical Gas Manifold System in any Government Hospital such as PGIMER, AIIMS, RML, LHMC &amp; other similar premiere institution under Ministry of Health &amp; Family Welfare, Govt. of India.</b>  Or  <b>“*Similar Work” shall mean Supply, Installation, Testing &amp; Commissioning of Modular Operation Theatre (MOT) and Medical Gas Manifold System (MGMS/MGPS) in India.</b>  <b>Requested Amendment</b>  Similar Work” shall mean Establishment of medical facility in India such as Supply, Installation, Testing &amp; Commissioning of Modular Operation Theatre and Medical Gas Manifold System or Central Sterilization Supply Department in any Government Hospital such as PGIMER, AIIMS, RML, LHMC &amp; other similar premiere institution under Ministry of Health &amp; Family Welfare, Govt. of India.  Or  <b>“*Similar Work” shall mean Supply, Installation, Testing &amp; Commissioning of Modular Operation Theatre (MOT) and Medical Gas Manifold System (MGMS/MGPS) or Central Sterilization Supply Department (CSSD) in India</b></p>	Tender terms & conditions prevail.
19.	SCC Page no. 11	<p><b>Manufacturer’s Authorization:</b>  <b>Bidder must ensure and meet all the terms of tender including technical specifications. The lowest responsive bidder shall submit the Manufacturer’s Authorization letter as per format enclosed at Annexure-A of Technical Specifications of tender documents along with quality certificates as per the standards mentioned in the tender documents for all the equipment/items.</b>  <b>Requested Amendment</b></p>	Tender terms & conditions prevail.

		<p>Manufacturer Authorization: Eligible bidders quoting as an Indian Agent should submit a Manufacturer's Authorization letter as per format enclosed at Annexure-A from the Foreign Principal / Manufacturer, with name of manufacturing company for major products quoted by them as per given format as detailed below:</p> <p>A. Exclusive Items  1 Horizontal Sterilizer  2 Washer Disinfectant  3 Drying Cabinet</p> <p>B. Non-Exclusive Like:  1. Ultrasonic Cleaner  2. Heat Sealing Machine</p> <p>For other small items Manufacturer authorization should not be required.</p>	
20.	<b>Added Terms 01:</b>	<p><b>Requested Amendment</b>  List of All the Consumables required to run the equipments should be submitted along with the Price Bid which will be freeze till the warranty + CAMC period</p>	Tender terms & conditions prevail.
21.	<b>Added Terms 02:</b>	<p><b>Requested Amendment</b>  All the Pre-requisite for CSSD like neat and clean enclosed area, Compressed air, continues supply of Water, ETP/HTP Drain point, one source of electrical cable along with earthing will be provided inside the CSSD at one point by the user institute.</p>	Tender terms & conditions prevail.
22.	Tech. Specs Vol 4 (MOT)	<p><b>Wall &amp; Ceiling System</b>  <b>Suspension elements: Suspension bracket with tension spring</b>  <b>Requested Amendment</b>  Suspension elements: Suspension bracket with tension spring / Threaded Rod</p>	Suspension elements: Suspension bracket with tension spring / Threaded Rod.
23.	Tech. Specs Vol 4 (MOT)	<p><b>Stainless Steel (SS-304) sheet on both side with 36 ± 2 kg/m<sup>3</sup> density PUF as infill with Silicon sealant and supporting hardware to provide seamless operating Room</b>  <b>Requested Amendment</b>  Stainless Steel (SS-304) sheet on both side with 36 ± 2 kg/m<sup>3</sup> density PUF as infill with Silicon sealant / <b>Epoxy metal filler</b> and supporting hardware to provide seamless operating Room</p>	Stainless Steel (SS-304) sheet on both side with 36 ± 2 kg/m <sup>3</sup> density PUF as infill with Silicon sealant / <b>Epoxy metal filler</b> and supporting hardware to provide seamless operating Room
24.	Tech. Specs Vol 4 (MOT)	<p><b>Ceiling Filtration System</b>  <b>It should also have connection for surgical lamp to be fitted in place of any filter.</b>  <b>Requested Amendment</b>  It should also have connection for surgical lamp to be fitted in the centre of the Ceiling Filtration System.</p>	It should also have connection for surgical lamp to be fitted in the centre of the Ceiling Filtration System.
25.	Tech. Specs Vol 4 (MOT)	<p><b>Doors and Frames (Automatically Hermetically Sealed Sliding Door)</b>  <b>The top layer on both sides is high Pressure laminate of size 6mm.</b>  <b>Requested Amendment</b></p>	Tender terms & conditions prevail.

		The top layer on both sides is high Pressure laminate of size 4mm	
26.	Tech. Specs Vol 4 (MOT)	<b>The door should be provided with high quality cylindrical lock.</b> <b>Requested Amendment</b> The door should be provided with high quality cylindrical / <b>EspG</b> lock	The door should be provided with high quality cylindrical / <b>EspG</b> lock
27.	Tech. Specs Vol 4 (MOT)	<b>Door opening handle should be strong and sturdy and the handle material should be AISI-304 Stainless steel and glossy finish.</b> <b>Requested Amendment</b> Door opening handle should be strong and sturdy and the handle material should be AISI-304 Stainless steel and glossy / <b>Matte</b> finish.	Door opening handle should be strong and sturdy and the handle material should be AISI-304 Stainless steel and glossy / <b>Matte</b> finish.
28.	Tech. Specs Vol 4 (MOT)	<b>Peripheral Light cum Cleanroom Luminaries</b> <b>The non-hygroscopic high glow low power LED based peripheral lights having high quality low wattage LED lighting system with highly spectacular anodized Aluminum reflectors and optical antiglare system for adjustable light distribution.</b> <b>Requested Amendment</b> The non-hygroscopic high glow low power LED based peripheral lights having high quality low wattage LED lighting system and optical antiglare system for adjustable light distribution.	The Non-hygroscopic high glow low power LED based peripheral lights having high quality low wattage LED lighting system and optical antiglare system for adjustable light distribution.
29.	Tech. Specs Vol 4 (MOT)	<b>The reflectors should be of high quality, cleanable and non-deteriorating.</b> <b>Requested Amendment</b> May please be deleted from the tender	Deleted
30.	Tech. Specs Vol 4 (MOT)	<b>Dimmable ballasts of reputed companies to be used and diffuser should be constructed with opaque acrylic diffuser material in aluminum frames.</b> <b>Requested Amendment</b> Dimmable ballasts / <b>LED Driver</b> of reputed companies to be used and diffuser should be constructed with opaque acrylic diffuser material in aluminum frames.	Dimmable ballasts / <b>LED Driver</b> of reputed companies to be used and diffuser should be constructed with opaque acrylic diffuser material in aluminum frames.
31.	Tech. Specs Vol 4 (MOT)	<b>Surgeon Control Panel</b> <b>The Control Panel should comprise of following services in addition to Instruction board, Communication interfaces- both audio and video etc.:</b> <b>Requested Amendment</b> The Control Panel should comprise of following services in addition to Instruction board, Communication interfaces- both audio.	Tender terms & conditions prevails.
32.	Tech. Specs Vol 4 (MOT)	<b>Temperature and Humidity Indicator with Controller</b> <b>Requested Amendment</b> Temperature and Humidity Indicator with Controller (0-10V)	Tender terms & conditions prevail.
33.	Tech. Specs Vol 4 (MOT)	<b>ADJUSTABLE MOVABLE BOOM ARM SYSTEMS Imported</b> <b>The arms should be easy to move, and each should come with pneumatic brakes as a standard option to support a locked position.</b> <b>Requested Amendment</b> The arms should be easy to move, and each should come with pneumatic /	Tender terms & conditions prevail.

		<b>electromagnetic</b> brakes as a standard option to support a locked position.	
34.	Tech. Specs Vol 4 (MOT)	<b>Should have at least 3 shelves of minimum 750mm size</b> <b>Requested Amendment</b> Should have at least 3 shelves of minimum <b>500 mm - 750 mm size</b>	Tender terms & conditions prevail.
35.	Tech. Specs Vol 4 (MOT)	<b>Anesthesia Boom System</b> <b>The arms may be fitted with pneumatic brakes to prevent inadvertent movement.</b> <b>Requested Amendment</b> The arms may be fitted with pneumatic / <b>electromagnetic</b> brakes to prevent inadvertent movement.	Tender terms & conditions prevail.
36.	Tech. Specs Vol 4 (MOT)	<b>Hatch Box (600 x 600mm)</b> <b>As per BOQ – Hatch Box – 600 x1200mm</b> <b>As per technical specification - Hatch Box of size: 600 x 600 mm</b> <b>Requested Amendment</b> Kindly clarify the size of Hatch Box required to be quoted in the tender	Hatch Box of size: 600 x 600 mm or more.
37.	Tech. Specs Vol 4 (MOT)	<b>View Window</b> <b>The window blinds should be operated with Remote Control and manually.</b> <b>Requested Amendment</b> The window blinds should be operated with Remote Control / manually	Tender terms & conditions prevail.
38.		<b>Regarding Turnkey Works</b> <b>Requested Amendment</b> If any turnkey work is required to be executed under the said project, the same needs to be considered in the BOQ for pricing please.	Tender terms & conditions prevail.
39.	Tech. Specs Vol 4 and BOQ Vol 5	<b>REGARDING MAKES Mentioned in MGPS works</b> <b>OXYGEN SYSTEM</b> <b>12 + 12 size of oxygen manifold complete with middle frame, chains NRVs and 24 nos pig tail pipes.</b> <b>Requested Amendment</b> As per BOQ Medikraft / HTSC/ RR Healthcare/Penlon/Pneumatic Barlin /Tri-Tech /Becon Medas/ Squire -9  We request to add MDD make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted
40.	Tech. Specs Vol 4 and BOQ Vol 5	<b>04 + 04 size of oxygen emergency cylinder Manifold complete with middle frame chain and NRVs and fully automatic control panel for oxygen</b> <b>Requested Amendment</b> As per BOQ Medikraft HTSC / RR Healthcare / Penlon / Pneumatic Barlin / Tri-Tech / Becon Medas / Squire -9  We request to add MDD make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted
41.	Tech. Specs Vol 4 and BOQ Vol 5	<b>Full-automatic pneumatically operated oxygen control (Imported)</b> <b>Requested Amendment</b> As per BOQ Becon Medas / Pneumatic-Barlin /Tri-Tech/ Squire-9 / Medikraft / RR	Bidder is required to comply the tender technical specification. Makes as



		Healthcare /Stykar  We request to add MDD /Amico Corporation make <b>Oxygen Outlet as per HTM 2022 (Imported)</b> <b>Requested Amendment</b> As per BOQ Becon Medas / Pneumatic-Barlin /Tri-Tech Squire-9 / Medikraft / RR Healthcare /Stykar  We request to add MDD/Amico Corporation make	mentioned in BOQ and technical specification is deleted
42.	Tech. Specs Vol 4 and BOQ Vol 5	<b>Oxygen flowmeter complete with humidifier bottle</b> <b>Requested Amendment</b> As per BOQ Medikraft /HTSC / RR Healthcare/Penlon/ Pneumatic Barlin /Tri-Tech /Becon Medas / Squire -9  We request to add MDD make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted.
43.	Tech. Specs Vol 4 and BOQ Vol 5	<b>Oxygen H.P. antistatic rubber tube (Imported)</b> <b>Requested Amendment</b> As per BOQ Medikraft /HTSC / RR Healthcare/ Penlon/Pneumatic Barlin /Tri-Tech / Becon Medas / Squire -9  We request to add MDD/ Amico Corporation make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted.
44.	Tech. Specs Vol 4 and BOQ Vol 5	<b>NITROUS OXIDE SYSTEM</b> <b>04 + 04 size of N2O manifold complete with middle frame chains NRVs 6 nos. pig tail pipes</b> <b>Requested Amendment</b> As per BOQ Medikraft/ HTSC / RR Healthcare/Penlon Pneumatic Barlin /Tri-Tech /Becon Medas / Squire -9  We request to add MDD make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted.
45.	Tech. Specs Vol 4 and BOQ Vol 5	<b>2 Cylinders size of N2O emergency cylinders manifold complete with middle frame chains NRVs</b> <b>Requested Amendment</b> As per BOQ Medikraft / HTSC / RR Healthcare/Penlon / Pneumatic Barlin /Tri-Tech / Becon Medas / Squire -9  We request to add MDD make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted.
46.	Tech. Specs Vol 4 and BOQ Vol 5	<b>Fully-automatic pneumatically operated N2O control panel with heater (Imported)</b> <b>Requested Amendment</b> As per BOQ Becon Medas / Pneumatic-Barlin /Tri-Tech/Squire - 9/Medikraft /RR	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and

		Healthcare/Stykar  We request to add MDD/Amico Corporation make	technical specification is deleted .
47.	Tech. Specs Vol 4 and BOQ Vol 5	<b>Nitrous Oxide Outlet as per HTM 2022 (Imported)</b> <b>Requested Amendment</b> As per BOQ RB - Itlay /Pneumatic Barlin/Becon Medas/RR Healthcare / Medikraft  We request to add MDD/Amico Corporation make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted
48.	Tech. Specs Vol 4 and BOQ Vol 5	<b>Nitrous Oxide H.P. antistatic rubber tube (Imported)</b> <b>Requested Amendment</b> As per BOQ Medikraft / HTSC /RR Healthcare /Pneumatic Barlin/ Tri-Tech / Becon Medas / Squire -9  We request to add MDD/Amico Corporation make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted
49.	Tech. Specs Vol 4 and BOQ Vol 5	<b>COMPRESSED AIR SYSTEM</b> <b>Compressed air system complete with oil free air compressor (2 nos x 57.18 cfm) equipped with air receiver capacity of 2000 Ltrs and complete with air Dryer of 60 cfm</b> <b>Requested Amendment</b> As per BOQ Ingersoll Rand / Anest iwata /Tri-Tech/ Atlas Copco /Becon Medas /Penlon  We request same as BOQ approved make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted
50.	Tech. Specs Vol 4 and BOQ Vol 5	<b>3 stage ultra filter &amp; reducing station</b> <b>Requested Amendment</b> As per BOQ Trident / Dominik Hunter / Parker / Medikraft  We request same as BOQ approved make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted
51.	Tech. Specs Vol 4 and BOQ Vol 5	<b>Medical Air -4 Bar Outlet as per HTM 2022(imported)</b> <b>Requested Amendment</b> As per BOQ RB - Itlay /Pneumatic Barlin/Becon Medas/RR Healthcare / Medikraft  We request to add MDD/Amico Corporation make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted
52.	Tech. Specs Vol 4 and BOQ Vol 5	<b>Surgical Air - 7 Bar Outlet as per HTM 2022(Imported)</b> <b>Requested Amendment</b> As per BOQ makes RB - Itlay/Pneumatic Barlin/Becon Medas/RR Healthcare /	Bidder is required to comply the tender technical specification. Makes as

		Medikraft We request to add MDD/Amico Corporation make	mentioned in BOQ and technical specification is deleted
53.	Tech. Specs Vol 4 and BOQ Vol 5	<b>Compressed air H.P antistatic rubber tube (Imported)</b> <b>Requested Amendment</b> BOQ makes are Medikraft/HTSC/Penlon/RR Healthcare / Pneumatic Barlin / Tri-Tech / Becon Medas / Squire -9 We request to add MDD/Amico Corporation make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted
54.	Tech. Specs Vol 4 and BOQ Vol 5	<b>VACUUM CENTRAL SYSTEM</b> <b>Vacuum Central system complete with vacuum pumps (2 nos x 7V) reciprocating base frame mounted with motor and 2000 ltrs capacity vacuum reservoir</b> <b>Requested Amendment</b> BOQ makes are ngersoll Rand / Anest iwata /Tri-Tech / Atlas Copco / Beacon Medas /Penlon We request for same as BOQ approved make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted
55.	Tech. Specs Vol 4 and BOQ Vol 5	<b>Bacterial filter station and secretion traps</b> <b>Requested Amendment</b> BOQ makes are Trident / Dominik Hunter/ Parkar / Medikraft We request for same as BOQ approved makes	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted
56.	Tech. Specs Vol 4 and BOQ Vol 5	<b>Vacuum Outlet as per HTM 2022(Imported)</b> <b>Requested Amendment</b> BOQ makes are RB - Itlay/Pneumatic Barlin/Becon Medas/RR Healthcare / Medikraft We request to add MDD/Amico Corporation make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted
57.	Tech. Specs Vol 4 and BOQ Vol 5	<b>Vacuum H.P antistatic rubber tube (Imported)</b> <b>Requested Amendment</b> Medikraft / HTSC / RR Healthcare / Penlon / Pneumatic Barlin / Tri-Tech/ Becon Medas / Squire -9 We request to add MDD/Amico Corporation make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted
58.	Tech. Specs Vol 4 and BOQ Vol 5	<b>Ward vacuum unit complete with regulator collection bottle and adopter and bracket for collection bottle</b> <b>Requested Amendment</b> Medikraft / HTSC / RR Healthcare/Penlon/Pneumatic Barlin /Tri-Tech / Becon Medas / Squire -9	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted

		We request to add MDD make	
59.	Tech. Specs Vol 4 and BOQ Vol 5	<b>Theatre vacuum unit complete with regulator collection bottle and adopter and trolley</b> <b>Requested Amendment</b> Medikraft / HTSC / RR Healthcare/Penlon/Pneumatic Barlin /Tri-Tech / Becon Medas / Squire -9  We request to add MDD make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted
60.	Tech. Specs Vol 4 and BOQ Vol 5	<b>AGS SYSTEM</b> <b>AGSS system consisting of Duplex Skid Mounted AGS Pumps with Remote Switches - AGSS simplex start switch (as per HTM 2022)</b> <b>Requested Amendment</b> Ingersoll Rand / Anest i wata /Tri-Tech/Altas Copco / Becon Medas/ Penlon / Ohio Medical  We request to add MDD make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted
61.	Tech. Specs Vol 4 and BOQ Vol 5	<b>AGSS Outlets (Imported) as per HTM 2022</b> <b>Requested Amendment</b> RB - Itlay /Pneumatic Barlin/Becon Medas/RR Healthcare / Medikraft  We request to add MDD/Amico Corporation make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted
62.	Tech. Specs Vol 4 and BOQ Vol 5	<b>VALVE WITH VALVE BOX AND PRESSURE GAUGE</b> <b>Requested Amendment</b> RB - Itlay / Pneumatic Barlin / Becon Medas/RR Healthcare / Medikraft / HTSC / Squire-9  We request to add MDD/Amico Corporation make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted
63.	Tech. Specs Vol 4 and BOQ Vol 5	<b>COMBINED ELECTREAL PANELS</b> <b>Requested Amendment</b> Medikraft /MuItitech / Air Tech /Aktiv Technologies  We request to add MDD make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted
64.	Tech. Specs Vol 4 and BOQ Vol 5	<b>BED HEAD PANEL</b> <b>Requested Amendment</b> RB - Itlay / Pneumatic Barlin/Becon Medas/RR Healthcare / Medikraft / HTSC / Squire-9  We request to add MDD make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted

65.	Tech. Specs Vol 4 and BOQ Vol 5	<b>AREA LINE PRESSURE ALARM</b> <b>Requested Amendment</b> RB - Itlay / Pneumatic Barlin/Becon Medas/RR Healthcare / Medikraft / HTSC / Squire-9  We request to add MDD make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted
66.	Tech. Specs Vol 4 and BOQ Vol 5	<b>MASTER Alarm 16 Windows</b> <b>Requested Amendment</b> RB - Itlay /Pneumatic Barlin/Becon Medas/RR Healthcare / Medikraft / HTSC / Squire-9  We request to add MDD make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted
67.	Tech. Specs Vol 4 and BOQ Vol 5	<b>Floor (Zonal / Isolation) Valve</b> <b>Requested Amendment</b> RB - Itlay /Pneumatic Barlin/Becon Medas/RR Healthcare / Medikraft / HTSC / Squire-9  We request to add MDD make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted
68.	Tech. Specs Vol 4 and BOQ Vol 5	<b>Medical Grade Copper Pipe</b> <b>Copper pipe also should have third party inspection certificate from Bureau Veritas/ SGS/ Lloyd's Register Service.</b> <b>Requested Amendment</b> Copper pipe also should have third party inspection certificate from BSI Kitemark and CE certified copper pipes	Copper pipe also should have third party inspection certificate from Bureau Veritas/ BSI Kitemark/SGS/ Lloyd's Register Service.
		<b>76mm outer dia 1.2mm thick</b> <b>Requested Amendment</b> 76mm outer dia 1.5 mm thick	76mm outer dia 1.5mm Thick
69.	Tech. Specs Vol 4	<b>The bidder should attach Technical Compliance Item wise with respect to the above technical specifications and turnkey work along with printed catalogues</b> <b>Requested Amendment</b> Technical specification / BOQ of MGPS may please be corrected in order to allow bidders to submit technical compliance sheet accordingly.	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted
70.		<b>Requested Amendment</b> Medical Gas Manifold System, makes are mentioned, not in other Medical Services. Makes in Technical Specs are different and BOQ is different. Both the makes are contradictory to each other. Secondly, the mentioned makes are mixed i.e. Indigenous as well as imported and is not matching with the technical specification. Thirdly, we request you to kindly delete all the makes whether in Technical Specifications or BOQ so that confusion should end.	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted.
71.	Tech. Specs Vol 4 and BOQ Vol 5	<b>REGARDING MAKES Mentioned in MGPS works</b> <b>Oxygen Manifold</b>	Bidder is required to comply the tender technical

		<b>Requested Amendment</b> Makes in Technical Specifications: Active tech/ MR Engg/ Beacon Makes in BOQ: Medikraft / HTSC/ RR Healthcare/ Penlon /Pneumatic Barlin /Tri-Tech /Becon Medas/ Squire -9 PI add MPS make	specification.  Makes as mentioned in BOQ and technical specification is deleted.
72.	Tech. Specs Vol 4 and BOQ Vol 5	<b>Automatic Oxygen Control Panel with changeover Alarm</b> <b>Requested Amendment</b> Makes in Technical Specifications: Active tech/ MR Engg/ Beacon Makes in BOQ: Becon Medas / Pneumatic-Barlin /Tri-Tech/ Squire-9 / Medikraft / RR Healthcare /Stykar PI add MPS make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted.
73.	Tech. Specs Vol 4 and BOQ Vol 5	<b>Compressed Air System</b> <b>Requested Amendment</b> Makes in Technical Specifications: Anest Iwata/Hitachi /Fs curtsies Makes in BOQ: Ingersoll Rand / Anest i wata /Tri-Tech/ Atlas Copco /Becon Medas /Penlon  Makes are OK	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted.
74.	Tech. Specs Vol 4 and BOQ Vol 5	Air Dryer Type <b>Requested Amendment</b> Makes in Technical Specifications: Trident / IR/ GEM Makes in BOQ: Ingersoll Rand / Anest i wata /Tri-Tech/ Atlas Copco /Becon Medas /Penlon  Makes are OK	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted.
75.	Tech. Specs Vol 4 and BOQ Vol 5	3-Stage Breathing Air Filters <b>Requested Amendment</b> Makes in Technical Specifications: Dominick hunter / trident /ultra filters Makes in BOQ: Trident/Dominik Hunter/Parker/Medikraft  Makes are OK	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted.
76.	Tech. Specs Vol 4 and BOQ Vol 5	Vacuum System <b>Requested Amendment</b> Makes in Technical Specifications: Ingersoll Rand/ costal /Busch Makes in BOQ: Ingersoll Rand / Anest Iwata /Tri-Tech / Altas Copco / Becon Medas /Penlon Makes are Ok	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted.
77.	Tech. Specs Vol 4 and BOQ Vol 5	Vacuum Bacterial filtration <b>Requested Amendment</b> Makes in Technical Specifications: Dominick hunter / trident /ultra filters Makes in BOQ: Trident / Dominik Hunter/ Parkar / Medikraft	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and

		Makes are OK	technical specification is deleted.
78.	Tech. Specs Vol 4 and BOQ Vol 5	Gas Outlet Points <b>Requested Amendment</b> Makes in Technical Specifications: S Kumar/ med flow/U made Makes in BOQ: RB – Italy/Pneumatic Barlin/Becon Medas/RR Healthcare / Medikraft Pl add MPS make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted.
79.	Tech. Specs Vol 4 and BOQ Vol 5	Copper Pipe <b>Requested Amendment</b> Makes in Technical Specifications: Max flow/ Mehta tube /Janya tube Makes in BOQ: Mandev / Mehta Tube / Rajco / Lawton /Penlon/Connex  Makes are OK	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted.
80.	Tech. Specs Vol 4 and BOQ Vol 5	Isolation Valves <b>Requested Amendment</b> Makes in Technical Specifications: U flow/ Convex /AQ flow Makes in BOQ: RB - Itlay /Pneumatic Barlin/Becon Medas/RR Healthcare / Medikraft / HTSC / Squire-9  Pl add MPS make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted.
81.	Tech. Specs Vol 4 and BOQ Vol 5	Valve Box Assembly <b>Requested Amendment</b> Makes in Technical Specifications: Active tech/ MR Engg/ Beacon Makes in BOQ: RB - RB - Itlay /Pneumatic Barlin/Becon Medas/RR Healthcare / Medikraft / HTSC / Squire-9  Pl add MPS make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted.
82.	Tech. Specs Vol 4 and BOQ Vol 5	Alarm System <b>Requested Amendment</b> Makes in Technical Specifications: Active tech/ MR Engg/ Beacon) Makes in BOQ: RB - Itlay / Pneumatic Barlin/Becon Medas/RR Healthcare / Medikraft / HTSC / Squire-9  Pl add MPS make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted.
83.	Tech. Specs Vol 4 and BOQ Vol 5	Bed Head Panel <b>Requested Amendment</b> Makes in Technical Specifications: S Kumar/ med flow/U made) Makes in BOQ: RB - Itlay / Pneumatic Barlin/Becon Medas/RR Healthcare / Medikraft / HTSC / Squire-9	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted.

		PI add MPS make	
84.	Tech. Specs Vol 4 and BOQ Vol 5	Ward Vacuum Units <b>Requested Amendment</b> Makes in Technical Specifications: S Kumar/ med flow/U made) Makes in BOQ: RB - Medikraft /HTSC / RR Healthcare/Penlon/ Pneumatic Barlin /Tri-Tech /Becon Medas / Squire -9  PI add MPS make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted.
85.	Tech. Specs Vol 4 and BOQ Vol 5	Electrical Distribution Panel <b>Requested Amendment</b> Makes in Technical Specifications: L&T/ BHEL/PMC  PI add Airtech make	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted.
86.	Tech. Specs Vol 4 and BOQ Vol 5	Supply of O2 Cylinders <b>Requested Amendment</b> Makes in Technical Specifications: Class D Type (Make- Rama/ EKC/ Oxy vacu)  Makes are Ok	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted.
87.	Tech. Specs Vol 4 and BOQ Vol 5	Adjustable Movable Boom Arm System Imported. Pendant should be BIS/European CE/USFDA marked <b>Requested Amendment</b> We are enclosing herewith letter Government of India Director General of Health Services CDSCO (Medical Device Division) dated 03.09.2020, about the classification of non-notified Medical Devices-reg. Kindly refer item 127 duly marked "Ceiling Pendant". Based on the Notification, we request the certification should be BIS/European CE/USFDA marked/CDSCO Licensed.	Certification should be BIS/European CE/USFDA marked/CDSCO Licensed.
88.	Tech. Specs Vol 4 and BOQ Vol 5	<b>Wherever makes have not been specified for certain items, the same shall be as per BIS and as per approval of HSCC</b> <b>Requested Amendment</b> Sir we wish to inform that we are in this industry from past two decades and there is not a single contractor in the market who has BIS certificate for MOT, MGPS, Kitchen equipment as obtaining license for these items is not feasible. Therefore we request to kindly delete as per BIS; <b>it should be as per the approval of HSCC.</b>	Bidder is required to comply the tender technical specification. Makes as mentioned in BOQ and technical specification is deleted.
89.		<b>Design, Supply, Installation, Testing &amp; Commissioning of Modular Operation Theatre, Medical Gas Manifold System (MGMS), Central Sterilization Supply Department (CSSD), Kitchen and Laundry works etc. and their maintenance during defect liability period etc.</b> <b>Requested Amendment</b> Sir this tender is combination of 2 specialized agencies like 1 <sup>st</sup> is for Modular	Tender terms & conditions prevail



	<p>Operation Theatre (MOT)/Medical Gas Manifold System (MGMS) and 2<sup>nd</sup> is for Central Sterilization Supply Department (CSSD), Kitchen and Laundry works.</p> <p>Sir both the works/stream/ specialization is different, the entire manufacturing process is different, the machinery required for products is different, the engineer and technicians for installation/execution are different. The mill store and hardware used are different. The designs standard and product standards are also different and even raw material is also of different nature.</p> <p>Sir due to entirely different nature of works normally no company having specialization against each other work and also due to lack of this 2<sup>nd</sup> work may be either MOT/MGPS or CSSD/Kitchen Laundry would suffer on account of quality and workmanship</p>	
--	--	--

All other terms & Conditions of the Tender shall remain unchanged.

The above amendment shall be treated as integral part of the tender document and to be submitted duly signed & stamp along with tender/bid.

Prospective bidders are advised to regularly visit through HSCC e-tender portal <https://hsc.enivida.com> & HSCC website <http://www.hsccltd.co.in> as corrigendum/amendments etc., if any, will be notified on this portal only and separate advertisement will not be made for this.

(- Sd -)  
General Manager (Procurement)  
HSCC (India) Ltd.