Bid Number/बोली क्रमांक (बिड संख्या):
GEM/2024/B/5669507
Dated/दिनांक : 06-12-2024

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	16-12-2024 16:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	16-12-2024 16:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	180 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Health And Family Welfare
Department Name/विभाग का नाम	Department Of Health And Family Welfare
Organisation Name/संगठन का नाम	Hll Lifecare Limited
Office Name/कार्यालय का नाम	Hll Bhavan, Registered Office, Poojapura
Total Quantity/कुल मात्रा	1
Item Category/मद केटेगरी	Laparoscopic Surgery System (V2) (Q2)
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	55 Lakh (s)
Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष	3 Year (s)
MSE Exemption for Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है	Yes
Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट	No
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Do you want to show documents uploaded by bidders to all bidders participated in bid?/	No
Past Performance/विगत प्रदर्शन	30 %
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	Yes

Bid Details/बिड विवरण	
RA Qualification Rule	50% Lowest Priced Technically Qualified Bidders
Type of Bid/बिड का प्रकार	Two Packet Bid
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	2 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation
Financial Document Required/वित्तीय दस्तावेज की आवश्यकता है।	Yes
Arbitration Clause	No
Mediation Clause	No

EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाईजरी बैंक	HDFC Bank
EMD Amount/ईएमडी राशि	220000

ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%)/ईपीबीजी प्रतिशत (%)	5.00
Duration of ePBG required (Months)/ईपीबीजी की अपेक्षित अवधि (महीने).	14

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने है। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable./ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए।

Beneficiary/लाभार्थी :

General Manager HR
Western Region-1 Power Grid Corporation of India Limited, Sampriti Nagar, Nari Ring Road PO: Uppalwadi, Nagpur-440026 Maharashtra
(General Manager Hr)

MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता	Yes

MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes

1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
2. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
3. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
4. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.
OM_No.1_4_2021_PPD_dated_18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

5. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 OM_No.1_4_2021_PPD_dated_18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is

validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.
6. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.
7. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 30% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.
8. Short Duration Bid has been published by the Buyer with the approval of the Competent authority due to Emergency procurement of critical products/services.

9. Reverse Auction would be conducted amongst first 50% of the technically qualified bidders arranged in the order of prices from lowest to highest. Number of sellers eligible for participating in RA would be rounded off to next higher integer value if number of technically qualified bidders is odd (e.g. if 7 bids are technically qualified, then RA will be conducted amongst L-1 to L-4). In case number of technically qualified bidders are 2 or 3, RA will be between all without any elimination. If Buyer has chosen to split the bid amongst N sellers, then minimum N sellers would be taken to RA round. In case Primary products of only one OEM are left in contention for participation in RA based on lowest 50% bidders qualifying for RA, the number of sellers qualifying for RA would be increased to get at least products of one more OEM (directly participated or through its reseller) if available. Further, if bid(s) of any seller(s) eligible for MSE preference is / are coming within price band of 15% of Non MSE L-1 or if bid of any seller(s) eligible for Make in India preference is / are coming within price band of 20% of non MII L-1, then such MSE / Make in India seller shall also be allowed to participate in the RA process.

Excel Upload Required/एक्सेल में अपलोड किए जाने की आवश्यकता :

BOQ115 PRICE BID 4K Ultra High Definition Laparoscopy - 1733481157.xlsx

Laparoscopic Surgery System (V2) (1 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

* जेम केटेगरी विशिष्टि के अनुसार / As per GeM Category Specification

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
CAMERA PROCESSOR	**Camera processor**	2D, 3D
	Resolution of camera in pixels	1920 x 1080 (Full HD), 3840 x 2160 (4K)
HIGH-RESOLUTION MEDICAL GRADE MONITOR	**Monitor type**	2D, 3D
	Resolution of monitor in pixels	1920 x 1080 (Full HD), 3840 x 2160 (4K)
TELESCOPES	**Compatibility of telescope**	HD, 4K

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
WARRANTY	**Warranty in Years (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)**	2, 3, 5 Or higher **(year)**

Additional Specification Parameters - Laparoscopic Surgery System (V2) (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
TECHNICAL SPECIFICATION	The specification provided in GEM tender document is only for reference and for actual specifications Bidders are requested to refer the Tender Document uploaded by HLL as ATC under the heading 'Buyer Added Bid Specific Terms and Conditions".
PRODUCT COMPLIANCE SHEET	Bidder has to provide item by item compliance sheet as per attached ATC specification.

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Aswin A S	695012,HLL LIFECARE LTD, HLL BHAVAN, POOJAPURA, THIRUVANANTHAPURAM	1	30

Special terms and conditions-Version:1 effective from 31-05-2024 for category Laparoscopic Surgery System (V2)

1. 1. *A*ll Provisions of Drugs and Cosmetics Act, 1940 and Rules (including Medical Device Rule 2017) made there under as amended till date will always be applicable. This will include all notifications issued by Central Drugs Standard Control Organization (CDSCO), Ministry of Health & Family Welfare (MoHFW) and Department of Pharmaceuticals (DOP), Ministry of Chemicals & Fertilizers time to time in this regard.
   2. The sellers are registered on GeM based on the self declaration of valid Medical Device License, product certification, test reports etc. However, buyers must check and validate the details at their end for all applicable licenses and certifications e.g., validity and authenticity/genuineness of Medical Device license, product certification, manufacturer certification/licenses, test reports etc.
   3. In case of authorized resellers/distributors, it will be the legal & regulatory liability of the manufacturer to ensure that their resellers/distributors are operating in compliance with all relevant laws and regulations and are properly licensed to sell the manufacturer's products, including

verifying the validity and authenticity of Medical Device license held by them.

4. The price offered by the seller/bidder shall not, in any case exceed the DPCO/NPPA controlled price or price fixed by State Government, if any. The seller must reduce the prices if there is any reduction in DPCO/NPPA ceiling price or price fixed by State Government, if any.
5. Any other Terms and Conditions which is not included or at variance with the conditions specified in STC/GTC, may be added by the buyer through Additional Terms and Conditions (ATC) in the bid to ensure items are procured from authentic/validated source with appropriate and applicable quality. The above terms and conditions are in reverse order of precedence i.e. ATC shall supersede specific STC which shall supersede General Terms and Conditions (GTC), whenever there are any conflicting provisions.
6. **Comprehensive warranty:** Comprehensive warranty shall include preventive maintenance including calibration as per technical/ service /operational manual of the manufacturer, service charges and spares. During the warranty period commencing from date of the successful completion of warranty period, Service personnel shall visit each consignee site as recommended in the manufacturer's technical/ service /operational manual, at least once in six months. warranty shall not be including the consumables. Further there will be 98% uptime warranty during warranty period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend warranty period by double the downtime period.
7. **Service centres:** Details of Service outlets in India to render services for equipment to be furnished to buyer/consignees with complete address, telephone numbers, e mails etc at time of making the supplies. It shall be the responsibility of seller to ensure that authorized service centres are available to cater to the areas where supplies are made within reasonable distance from where the service calls can be handled. Details of toll-free numbers for service call and online registration of service requests also to be provided buyer/consignee at the time of supplies.
8. **Source of supply:** It shall be responsibility of seller to provide Documents regarding source of equipments such as copy of Performa invoice or any other documents to establish that the products supplied are manufactured by OEM indicated and sourced from them.
9. **Packing and Marking:** Medical equipments being very delicate and sensitive packing for the goods should be strong and durable enough to withstand transit including transhipment (if any), rough handling, open storage etc. without any damage, deterioration etc. .The size, weights and volumes of the packing cases, remoteness of the final destination of the goods, availability or otherwise of transport and handling facilities at all points during transit up to final destination,. Quality of packing, the manner of marking within & outside the packages and provision of accompanying documentation shall take into consideration the type of medical equipments being supplied. The accessories shall be suitably labelled and packed. Each of the package shall be marked on three sides with indelible paint of proper quality: indicating contract number and date, brief description of goods including quantity, Packing list reference number, country of origin of goods and any other relevant details.
10. **Spare Parts:** Seller shall provide materials, information etc. pertaining to spare parts manufactured and supplied by the OEM. It shall be ensured that the required spares are available for purchase at least for 10 years from date of supplies. In case due to any reasons the production of the spare parts is discontinued sufficient advance notice should be given to the buyer/consignee before such discontinuation to provide adequate time to purchase the required spare parts etc. Further, OEM and their service centres/dealers shall carry sufficient inventories to assure ex-stock supply of consumables and spares for the equipments so that the same are available. OEM or reseller shall always accord most favoured client status to the buyer/consignee and shall give the most competitive price for spares and consumables of its machines/equipments supplied.
11. **Installation, Training, Manuals:** Seller shall be responsible to carry out Installation & commissioning, Supervision and Demonstration of the goods. They shall provide required jigs and tools for assembly, minor civil works for the completion of the installation and Training of Consignee's representatives for operating and maintaining the equipment and supplying required number of operation & maintenance manual for the goods. In case the category parameters are specifying any requirements regarding the installations, training and manuals the same shall also be applicable.
12. **Electrical safety checking:** Sellers are required to make sure that they furnish the list of equipments for carrying out routine and preventive maintenance to buyer/consignee .They should make sure to periodically check the electrical safety aspects as per BIS Safety Standards or equivalent .In case they do not have required equipment for such testing should ensure that the equipments checked for electrical safety compliance through labs with facilities for such checking during every preventive maintenance call.
13. **Software:** All software updates should be provided free of cost during warranty period.

Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें

1. **Generic**

   OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 50 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 50% of the contracted Â quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

2. **Buyer Added Bid Specific ATC**

   Buyer Added text based ATC clauses

   ### The specification provided in GEM tender document is only for reference and for actual specifications bidders are requested t o refer the Tender Document uploaded by HLL as ATC .The Spe cifications in HLL tender document shall prevail .

   Technical Specification for supply and installation of 4 K Ultra High-Definition Laparoscopy Imaging Systems

   All items should be Medical Grade. It should provide 4 times more information than a Con ventional Full HD imaging system. The complete optical chain should be 4K for optimized i maging. 4K Ultra High-Definition Laparoscopy Imaging System will consist of the following items:

   1. **4K UHD Camera controller/video processor**
   2. **4K-UHD camera head**
   3. **Powerful LED light source**
   4. **Light Guide Cable**
   5. **4K UHD medical-grade monitor**
   6. **Ultra HD Telescope Compatible with 4K UHD**
   7. **High Flow 45 liters CO2 Insufflator with integrated smoke evacuator**
   8. **Patient management and recording system**
   9. **Endoscopy Trolley with surge protection.**
   10. **Suction and irrigation device**

   01. 4K-UHD Camera controller/video processor:

   · The processor should be able to process 4K-UHD signals having a resolution of at lea st 3840 x 2160 pixels or more.

   · Should have various input and output terminals including HDMI, 3G SDI, DVI-D, and HD/SD-SDI.

   · It should have a touch panel/button operation for easy control.

   · Picture-in-picture visualization modes are reflected in monitors.

   · Should provide the wide color gamut of BT 2020 compliance.

   · Should have a facility for storing different settings in the system memory: color tone, color mode, contrast, enhancement etc.

- Intuitive backlit touch panel menu on the device for easy operation.
- The system should be capable of lCG fluoroscopy for better delineation of anatomic structures
- Should have facility for Dedicated chip for ICG deduction

02. 4K-UHD Camera Head

- The camera head should transmit UHD images with a resolution of at least 3840 x 21 60 through thin 5 mm cables.

- Should incorporate high-sensitivity CMOS image sensor
- Should be capable of ICG/Fluoroscopy effect.
- Aspect ratio of 16:9
- Universal C-mount objective lens connector
- Low-temperature sterilization (ETO, FA, Sterrad etc.)
- Should provide optical zoom and 2 X digital Zoom or digital Zoom
- 4K Camera Head with three or more programmable buttons.
- Lens focal length in the range of 14 -32 mm

03. Powerful LED Light Source

- LED light source
- Powerful light source equivalent to 180 watts Xenon or more.
- Shall be capable of LED & NIR Light (to produce ICG effect).
- Color temperature in K 5500-6500
- Life of light bulb 30000 hrs or more
- Automatic/manual light adjustment for ideal illumination
- Backlit front panel indicator for brightness level.
- Homogenous color temperature during the whole life span

04. Light Guide Cable:

- Light cable bundle should be high quality fibers optic with heat resistance Diameter 4.8 mm or more and length of 3 meter or more.

- High temperature resistance protection tubing.
- Higher light transmission than standard cables
- NIR/ICG Compliant
- Resistant to the chemicals
- Higher flexibility and bend protection property for easier handling and reduced incidence for f iber fracture

05. 4K-UHD medical grade monitor:

- 4K Ultra high-definition LED backlit monitor having screen size of 32 inches or more a nd resolution of minimum 3840 x 2160 pixels or more to have the real 4K effect with i ncreased color, contrast and depth perception

- Shall be capable of ICG facility.
- Should have 16:9 aspect ratio.

- Should have various input and output terminals including HDMI/ 3G SDI/DVI-D/ HD/SDSDI, USB.
- Should have multi-image display format.
- Should function on AC current supply as per Indian conditions 100V-240V and 50- 60 Hz

06. Telescopes Compatible with HD

- 10 mm telescope -30 degree having a working length of 280-350 mm- Quantity 1
- 5 mm telescope -30 degree having working length of 280- 350 mm- Quantity 1
- Both the telescopes should be capable of ICG effect.
- Telescopes should incorporate distortion free, high-resolution image with minimal chromatic aberration.
- Light adaptor to connect standard telescope should be supplied
- Should provide increased light output, enhanced image quality with homogenous illumination
- Eye piece type connection for uniform compatibility

07. High Flow 40-45 litres CO2 Insufflators:

- Should have a microprocessor for automatic pressure and flow control.
    - Should have a digital front panel display or membrane based key pad or touch screen front panel display for updated status checking.
- Facility for preheating of gas to body temperature with internal heating device.
- Should have gas filtration system
- Powerful insufflations with a flow rate of maximum 45 l/min or more.
    - Automatic acoustic feedback or notification display for any malfunction or any event of patient overpressure.
- Integrated smoke evacuation facility for better visualization.
    - Selective connection to medical gas pipeline as well as direct connection to high pressure CO2 cylinder should be available.
- Need to provide a pin type CO2 hose plug which can be connected to Pin type CO2 cylinders
    - Safety system: Constant monitoring of intra-abdominal pressure - any over pressure is reduced immediately.
    - Inbuilt Post and Pre heater
    - CO2 INSUFFLATOR with matched smoke Evacuation

08. Recording system:

- A high-definition video recorder system
- Should have a Touch Panel Display/ Button operated console
- Should be able to record HD Quality videos & images.
    - The recording should be MPEG 4 AVC/H.264 format with a minimum native resolution of 1920 x 1080 pixels depending on the input selected.
    - User should have full control of the system from the sterile field via camera head buttons or optional touch screen or optional foot switch

09. Endoscopy Trolley:

Mobile console for the equipment should be preferably of same make. In case custom made trolley provided, portable with 4 antistatic dual castors and 2 locking brakes. Must have tran

sformer for surge protection. A minimum of 4 shelves or more to house all the units of the se t and power box with concealed wiring for providing electrical connections of proper rating to all the units suitable for Indian voltage plugs. The main electric cable connecting trolley to th e electric source should be of minimum 5 meters or more in length.

10. Suction and irrigation device:

- Should have a touch screen display.
- Irrigation pressure up to 400mmHg.
- Irrigation flow rate 1000 ml/min or more
- Suction at 650 mmHg negative pressure or more.
- Power supply: 230-240 VAC (50/60Hz)
    - The unit should be supplied with suitable suction jar and bottles of 2 liters ca pacity with overflow protection
- The unit should be supplied with reusable irrigation and suction silicon tubing set.
- Should have Self-Test feature.

Additional Specifications:

- **NOTE: Any other essential hardware/software/items required to make all a bove things functional should be quoted, otherwise it will be treated that s ame will be supplied free of cost.**
- The unit should be capable of being stored continuously in ambient temperature o f 0- 50-degree C and relative humidity of 15-90%.
- The unit should be capable of operating continuously in ambient temperature of 10- 40-degree C and relative humidity of 15-90%.
- The Mobile Videocart should have 4 or more selves to accommodate the equipmen t. It should have an isolated transformer of 2 KVA or more to ensure safeguarding th e equipment in case of any electrical surge.
- The Mobile Videocart should be provided with an adjustable arm to hold the monitor wi th the provision to adjust the height & alignment of the monitor as per the surgeon’s req uirement.
- The CO2 insufflator should have Veress & pediatric gas flow preset with a dedicated high flow mode. It should have integrated heating of the CO2 gas, integrated pressure control without the need to add external pressure gauge to be fitted on CO2 cylinder. To ensure uninterrupted vision during cauterization, it should have a manual or automatic surgical s moke removal facility.
- Telescope protection sheath (02 in number)
- Instrument tray (01 in number)
- Supplier Company will have to give training to doctors and staff of Operation the atre, regarding the handling and maintenance of the instrument.
- Preference Make in India
- Certification: USFDA/ EU-CE /CDSCO/BIS (any one) and ISO13485

3 Way Access System

- It should be a three-in-one insufflation management system to maintain stable pneumoperitoneu m, consistent Co2 circulation, and continuous smoke evacuation. The system should also provide v alve-free access.
- Should provide stable pneumoperitoneum without any manual adjustments & smoke evacuation

- Should have demonstrated reduction in procedure time, resulting in increased operating efficiency
- The system should have 3 operation modes, 2 gas supply options, tube set sensors and automatic venting
- The system should be FDA approved insufflator for thoracic indication
- The system should be FDA approved insufflator for paediatric (>20Kgs) indication
- In built LED display touch screen for settings & user interface
- Should provide pressure setting in range from 5 to 20 mmHg.
- Should be able to facilitate low pressure laparoscopic surgery i.e., 8-10mmHg – (with clinical evidence)
- Connector for House (Central) Gas, must be installed on the insufflation management system
- System should be able to insufflate CO2, with flow rate 40l/min
- System should have 3 in 1 insufflation management system which includes 3 way Access System mode, smoke evacuation mode and standard insufflation mode
- System should be integrated to all laparoscopic and robotic surgeries
- System should allow surgeons to operate in low pressure laparoscopy i.e. less than 10mm of Hg. And 5 or 6mm Hg for Pediatric
- System should have + 0.01u ULPA filtration process for evacuated surgical smoke and re circulate gas into abdomen
- System should be able to maintain stable pneumo even with large leakage and aggressive suction
- System should support no scope smudging, intact specimen removal, no instrument friction and unimpeded introduction of suture and mesh
- System should be able to reduce post operative pain, narcotics use and PACU time
- System should give pressure accuracy at +/- 1 mmhg and flow accuracy at +/- 2.5 l/min
- The system should have touch screen interface
- Should have dimensions Width (420) x Height (220) x Depth (470) mm3
- System should have facility for upgradations to new surgical therapy
- Should have bullseye connector

Tri-Lumen Filter Tube Set

- Should have three Lumens, Insufflation Lumen, Return Lumen and Pressure Lumen
- Should have Filter housing with 0.01 Micron filter, 0.01 µm ULPA & activated charcoal to provide 0.1µ filtration of fresh CO2, evacuated surgical smoke and recirculated gas traps and to sense fluid ingress
- System should be able to achieve stable pneumoperitoneum, constant smoke evacuation and valve free access to abdominal cavity
- Should be compatible with 3 way Access System Access Port
- The single lumen adapter should allow adapting tri-lumen tube set to a veress needle or a conventional trocar
- CE, US FDA approval

3 Way Access System Access Ports

- Tri Lumen Trocar should have
- Valve-Free access to abdominal cavity
- Should allow intact Specimen removal
- Should allow unimpeded Introduction and Removal of Clips, Needles, Sutures and Mesh

- Should provide valve-less trocar design with tri lumen that gives
- No noticeable friction (as instruments should be able to be placed through the cannula
- No mechanical structure to impede the removal of material
- No smudging of a laparoscope during reinsertion
- Access Ports should have three Lumens, Lumen one to facilitates smoke evacuation, lumen two to establish insufflation and real time pressure control and lumen three to create and maintain invisible 3 way Access System Barrier
- Should have Bullseye manifold to support high flow insufflation, smoke evacuation and creation of the 3 way Access System Barrier
- Should have double walled cannula with 4 radially positioned nares to provide unobstructed high flow insufflation
- Obturator should occlude the 3 way Access System barrier jets and smoke evacuation lumens during access port placement and before 3 way Access System activation. Should not block insufflation
- Should have pressure sensing and gas delivery mechanism
- integrated stability threads to help stabilize port in tissue
- Sound cap to provide noise muffling for the 12mm access ports
- Should have jets to create 3 way Access System pressure barrier within the cannula
- to provide High Flow Insufflation
- to facilitate smoke evacuation and filtration
- can be used with two conventional trocars
- Insufflation with 0.01 Micron Filter set
- Use with conventional trocars.
- Micron Filter to be provided. HEPA & UEFA approved 0.01 Micron Filter for air circulation
- Should allow intact Specimen removal
- Should allow unimpeded Introduction and Removal of Clips, Needles, Sutures and Mesh
- Should provide valve-less trocar design with tri lumen that gives
- No noticeable friction (as instruments should be able to be placed through the cannula
- No mechanical structure to impede the removal of material
- No smudging of a laparoscope during reinsertion
- Access Ports should have three Lumens, Lumen one to facilitates smoke evacuation, lumen two to establish insufflation and real time pressure control and lumen three to create and maintain invisible 3 way Access System Barrier
- Should haveBullseye manifold to support high flow insufflation, smoke evacuation and creation of the 3 way Access System Barrier
- Should have double walled cannula with 4 radially positioned nares to provide unobstructed high flow insufflation
- Obturator should occlude the 3 way Access System barrier jets and smoke evacuation lumens during access port placement and before 3 way Access System activation. Should not block insufflation
- Should have pressure sensing and gas delivery mechanism
- integrated stability threads to help stabilize port in tissue
- Sound cap to provide noise muffling for the 8mm access ports
- Should have jets to create 3 way Access System pressure barrier within the cannula to provide High Flow Insufflation

- to facilitate smoke evacuation and filtration
- can be used with two conventional trocars
- Insufflation with 0.01 Micron Filter set
- Use with conventional trocars.
- Micron Filter to be provided. HEPA & UEFA approved 0.01 Micron Filter for air circulation
- Trocars and cannulas should be designed for reliable laparoscopic access without the premium pri ce
- Should offer unrestricted visualization
- Should have strong seals that maintain insufflation and accommodate a wide range of instrument s sizes
- Should have threads on the cannula that provide stability to help minimize trocar slippage
- Should have optical & bladed range
- Should come in sizes 5 mm
- Trocars and cannulas should be designed for reliable laparoscopic access without the premium pri ce
- Should offer unrestricted visualization
- Should have strong seals that maintain insufflation and accommodate a wide range of instrument s sizes
- Should have threads on the cannula that provide stability to help minimize trocar slippage
- Should have optical & bladed range
- Should come in sizes 12 mm

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3. **Buyer Added Bid Specific ATC**

   Buyer uploaded ATC document Click here to view the file.

Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.

8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for attached categories, trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो।बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---