

PRE-BID CLARIFICATIONS / AMENDMENTS IN RESPONSE TO THE QUERIES RAISED BY PROSPECTIVE BIDDERS IN THE PRE-BID MEETING HELD ON 23.03.2018, 11.00 A.M IN THE CONFERENCE HALL OF OSMCL FOR THE TENDER OF MEDICAL GAS PIPELINE SYSTEM ON TURNKEY BASIS

Bid Ref. No.: OSMCL/2017-18/EQP-MGPS/12

- Total No. of prospective bidders/ representatives present in the pre-bid meeting are three **(03)**. Written requests made by the prospective bidders on a later date are also taken into consideration.
- The queries raised by the prospective bidders on the above mentioned tender references were thread barely discussed.
- The recommendations on commercial terms & conditions, technical specifications and pre-bid amendments with justifications are as listed below and are unanimously accepted by the committee :

Item Name/ Particulars	Queries raised by the prospective bidders	Original Technical Specifications	Clarifications /Amendments of specification in response to the queries.
Medical Gas Pipeline System	Section-IV (Schedule of requirement), Clause 4.3 Responsibility of the bidder		
	<p><u>Point no.1</u> The medical gas pipeline system of EN ISO standard may be incorporated along with HTM 02-01/NFPA 99/DIN standard.</p>	<p>Bidder shall be responsible for supply, installation, testing and commissioning of Medical oxygen & Nitrous Oxide manifold system, Vacuum plant, Air plant Medical Gas lines, Area valve service units, Alarm Systems Gas out lets and OT pendants, i.e. MGPS complete as per HTM 02-01/NFPA 99/DIN/EN standards including turnkey works, demolition and construction as applicable. The bidders are advised to survey the site before furnishing the quotations.</p>	<p>Amended as Bidder shall be responsible for supply, installation, testing and commissioning of Medical oxygen & Nitrous Oxide manifold system, Vacuum plant, Air plant Medical Gas lines, Area valve service units, Alarm Systems Gas out lets and OT pendants, i.e. MGPS complete as per HTM 02-01/NFPA 99/ ISO standard including turnkey works, demolition and construction as applicable. The bidders are advised to survey the site before furnishing the quotations.</p>

<p><u>Point no.2 & 6</u> The civil construction and electrical works of manifold room should be removed from the scope of work of the bidder.</p>	<p>Bidder shall execute all required civil, electrical, plumbing, lighting, fire safety, exhaust systems and other works as may be required for complete Installation and trouble-free functioning as a part of the "turnkey work". Where the required manifold room not available, civil construction of Gas Manifold and Plant room shall be undertaken by the Supplier. (Price per sq.mtr. (inclusive of material cost & labour cost) of the area has to be given in the price bid format).</p>	<p>No Change & Re-clarified as The bidder has to undertake the civil construction of the manifold room wherever required for the commissioning of medical gas pipeline system. (Price per sq.mtr. (inclusive of material cost & labour cost) of the area has to be given in the price bid format).</p>
<p><u>Point no.5</u> The bidder should supply, install the MGPS system as per HTM 02-01 Part-A or NFPA 99 standard instead of HTM 02-01 Part-B.</p>	<p>As per the requirement of HTM02-01 Part B that Bidder must get supplied and installed medical gas pipe line system checked and audit by an Independent third party validations agency.</p>	<p>Amended as As per the requirement of HTM02-01 Part A or NFPA 99 or ISO 7396-1 standard, the bidder must get supplied and installed medical gas pipe line system checked and audit by an Independent third party validations agency.</p>
<p><u>Point no.8</u> The materials under sample may be asked to furnish before opening of financial bid.</p>	<p>The bidder has to submit two nos. of each quoted gas outlets with adapters, vacuum & air flow meter with humidifier and copper pipeline of one meter length of each diameter as sample to the tender inviting authority during submission of offline technical bid which shall be kept for quality assessment.</p>	<p>Amended as The bidder has to submit two nos. of each quoted gas outlets with adapters, vacuum & air flow meter with humidifier, Bed head panel and copper pipeline of one meter length of each diameter as sample to the tender inviting authority with 10 to 15 days after the technical bid opening, which shall be kept with the tender inviting authority for quality assessment. Non submission of sample within the time limit may lead to rejection of bid.</p>

Section-V (Special Condition of Contract)		
<p>Clause 5.1 Time Limits Prescribed: The time limit for delivery, installation and commissioning period of one manifold may be extended to atleast 120-150days as both construction of manifold and commissioning is required.</p>	<p>Delivery, installation & commissioning period for one Manifold should be 90 days from date of issuance of Purchase Order.</p>	<p>Amended as The time limit for delivery, installation, and commissioning period of one manifold should be 90 days where the manifold room exists and 120days where the manifold room need to be constructed.</p>
<p>Clause 5.2 Pre qualification of bidders, 5.2.1-The bidder past experience may be of five-seven years instead of ten years as per CWD guideline.</p>	<p>The bidder should have experience/ expertise in supply, installation and commissioning of medical gas pipeline system and should have been in the business for at least last ten years.</p>	<p>Amended as The bidder should have experience/ expertise in supply, installation and commissioning of medical gas pipeline system and should be in medical business for atleast last seven years.</p>
<p>Clause 5.2 Pre qualification of bidders, 5.2.2-The bidder past experience in execution of turnkey job of installation & commissioning of medical gas pipeline work may be asked as per CWD guideline.</p>	<p>The bidder should have executed the turnkey job of installation & commissioning of medical gas pipeline work or similar job in turnkey project at least in 5 nos. Govt./Corporate hospitals/Medical College each with a project commissioning cost of minimum Rs.1Crore or above on a turnkey basis in India during the last three years. Project completion and commissioning certificate shall have to be furnished along with proof of supply failing which bid shall be liable to reject.</p>	<p>Amended as The bidder should have executed the turnkey job of installation & commissioning of medical gas pipeline work or any other healthcare job on turnkey till the last date of submission of bid as per following requirements, Atleast <u>one</u> project of aggregate value 80% of the estimated value of project. Or Atleast <u>two</u> projects each of value 60% of the estimated value of project. Or Atleast <u>three</u> projects each of value 40% of the estimated value of project. The estimated value of</p>

		project of the tender can be considered as Rs. 7.5 Crores approx. and shall be the basis for evaluation of performance of the bidder. However project completion report/certificate has to be furnished in technical bid as proof.
Clause 5.2 Pre qualification of bidders, 5.2.3- Annual average turnover criteria of the bidder may be minimised to 1 Crore instead of 10 Crores.		No Change
Clause 5.2 Pre qualification of bidders, 5.2.3- Annual average turnover criteria of the bidder may be increased to 20 Crores instead of 10 Crores.		No Change
Bank solvency of not less than 100% or 40% of estimated cost need to be asked.		No Change
Clause 5.2 Pre qualification of bidders, 5.2.5- The product standard certificate may be furnished as per the requirement of standards of HTM 02-01 Part-A or NFPA 99 or ISO 7396-1.	The bidder should submit the valid product standard certificate such as third party inspection certificates/European CE/ USFDA/ EN ISO 7396-1/HTM 02-01/NFPA 99 standard compliance certificates of the manufacturer and other test reports/certificates (as asked in Section VII - technical specification.	Amended as The bidder should submit the relevant product quality standard certificate and third party inspection certificates as per the requirement of ISO 7396-1 or HTM 02-01 or NFPA 99 standard for the items supplied as per the technical specification.
Clause 5.2 Pre qualification of bidders, 5.2.8- Presence of authorised service centre may be in Odisha only.	Presence of authorized service centre in Odisha / Eastern Region with address to be specified in Format T4. In case of not having any service centre in Odisha / Eastern Region, the bidder have to give an undertaking in Rs.100	Amended as The bidder should have authorised service centre in Odisha only , In case of not having any service centre in Odisha, the bidder have to give an

	Stamp paper that they will set up the same within one month of award of contract and maintain the service centre for the next ten (10) years clearly indicating the number of service persons and amount & variety of spare stocks to be maintained, failing which the tender shall be rejected.	undertaking in Rs.100 Stamp paper in the technical bid that they will set up the same within one month of award of contract and maintain the service centre for the next ten (10) years clearly indicating the number of service persons and amount & variety of spare stocks to be maintained, failing which the tender shall be rejected.
Clause 6.22 Price bid opening, Specified format for quoting CMC may be given in the price bid format.	6.22.5.6 Bidder shall also quote CMC / AMC rates (exclusive of GST) for a period mentioned in clause 5.1 after comprehensive warranty period. The Rates of CMC for the prescribed period as per clause 5.1 shall be shown separately in the respective columns of price bid format.	Clarified as The CMC of each manifold of respective medical college shall be quoted in total for each year after the completion of warranty period in respective row of the excel BoQ file.
Clause 6.29 Payment, 6.29.2-Payment terms may be changed to 75% on delivery, 15% on installation & balance 10% on successful commissioning.	No Change	
SECTION-VII-Technical Specification		
The manifold room may be constructed as central gas pipeline system instead of individual separate manifold system.	The price of each manifold room for each medical college has to be quoted.	No Change
The international standards like HTM 02-01 or NFPA 99 or ISO 7396-1 may be asked for the product quality standards of manifold room equipments.	Should be fully automatic manifolds and supplied items should be duly USFDA or CE marked by European notified body in compliance with EN ISO 7396-1, HTM 02-01, NFPA 99 standard.	Amended as All the items to be supplied under gas manifold room, design, installation of gas manifold, copper pipeline system along with bed head panels, ceiling pendants and accessories like gas outlets,

		zonal isolation valves, flow meters and ward vacuum units should be as per the requirement of either any one of the following standard such as ISO 7396-1 or HTM 02-01 or NFPA 99 standard and certificate issued by competent authority be furnished in the technical bid.
<u>Fully automatic control panel manifold system</u> The enclosure may not be specific to NEMA type enclosure only.	The unit should be compact and housed in a NEMA Type-1 enclosure with locking provision.	Amended as All the control panels should be enclosed with locking provision and <u>NEMA type enclosure is not mandatory.</u>
<u>Medical Air and Vacuum Supply System with reservoir tank</u> The power supply requirement for medical air and vacuum system should be specified.	The power supply requirement of the medical air & vacuum system has not been specified in technical specification.	Clarified as The medical air and vacuum supply system should run by 415-440V, 3 phase power supply.
	Should be supplied with 2nos. of oil free rotary screw air-cooled compressor without air receiver of reputed make like Ingersoll-Rand/ Anaest Iwata/Chicago Pneumatic	Amended as Should be supplied with 2nos. of oil free rotary screw or scroll air-cooled compressor without air receiver of reputed make like Ingersoll- Rand/ Anaest Iwata/Chicago Pneumatic
<u>Vacuum Supply System with reservoir tank</u> The vacuum system of oil screw/scroll/rotary vane type may be added instead of oil-free type and other reputed make can also be asked.	Should be supplied with 2nos. of oil free rotary screw air-cooled compressor without air receiver of reputed make like Ingersoll-Rand/ Anaest Iwata/Chicago Pneumatic	Amended as The vacuum system of 2nos. should be either oil lubricated or oil-free type with screw or scroll or rotary vane type pump of reputed make like Ingersoll-Rand/ Anest Iwata/Chicago Pneumatic/Busch Vacuum.
<u>Distribution of copper pipeline</u> Product test certificates may be provided during the delivery of the goods at site.	Should provide test certificates as per the required standards from accredited laboratory for physical properties and chemical composition of copper pipes in technical bid as well as during the delivery	Amended as Should provide test certificates as per the required standards from accredited laboratory for physical properties and chemical composition of copper pipes during the delivery of goods.

	of goods.	
<p><u>Horizontal bed head panel and Double arm moveable ceiling pendant</u></p> <p>The products may not comply with USFDA or CE marked by European notified body and length of bed head panel may be specified and country of origin should be asked.</p>	<p>Should be duly USFDA or CE marked by the European notified body. Copy of certificate to be provided.</p>	<p>Amended as</p> <p>For <u>Horizontal bed head panel and Double arm moveable ceiling pendant</u>, the product should comply with the requirement of ISO 7396-1 or HTM 02-01 or NFPA 99 standard with CE marked by European notified body and the bed head panel should be atleast 4ft.in length and both the items should be of imported quality.</p>
<p><u>Double arm moveable ceiling pendant</u></p> <p>The compressed air outlet may be 7 bar instead of 4 bar based on requirement in operation theatre.</p>	<p>The pendant head shall have following features: Made of stainless steel with poly urethane coated finish. 2 sets of duplex 5/15 Amp, 230V electrical sockets Provision of Gas / Vacuum outlets as follows :</p> <ul style="list-style-type: none"> ➤ 2 nos. of Oxygen Outlets ➤ 1 no. of Nitrous Oxide Outlet ➤ 1 no. of Compressed air Outlet (4 bar) ➤ 2 nos. of Vacuum Outlets 	<p>Amended as</p> <p>The pendant head shall have following features: Made of stainless steel with poly urethane coated finish. 2 sets of duplex 5/15 Amp, 230V electrical sockets Provision of Gas / Vacuum outlets as follows :</p> <ul style="list-style-type: none"> ➤ 2 nos. of Oxygen Outlets ➤ 1 no. of Nitrous Oxide Outlet ➤ 1 no. of Compressed air Outlet (7 bar) ➤ 2 nos. of Vacuum Outlets
<p><u>Oxygen flow meter with humidifier</u></p> <p>The humidifier bottle may be autoclavable upto 121degC only instead of upto 134degC.</p>	<p>The unit should be consisting of reusable 1000 ml. shatter resistant bottle, each made up of poly carbonate material and fully autoclavable at 134 degC.</p>	<p>Amended as</p> <p>The unit should be consisting of reusable 1000 ml. shatter resistant bottle each made up of poly carbonate material and fully autoclavable.</p>
<p><u>Page no. 88 (Price Schedule)</u></p> <p>The 7m3 O2 cylinder of 4×4, 8×8 & 10×10 and 7m3 Nitrous Oxide cylinder of 4×4 & 2×2, Vacuum supply of 5HP/7.5HP/10HP motor with</p>	<p>As per the format of separate price bid specified</p>	<p>Amended and Clarified as</p> <p>The individual item such as</p> <ul style="list-style-type: none"> ➤ Each 7m3 O2 cylinder of 4×4, 8×8 & 10×10 distribution system ➤ Each 7m3 Nitrous Oxide cylinder of 4×4 & 2×2 distribution system

<p>300/500/1000ltrs and Medical air compressor of 7.5HP/10HP/15HP motor with 500/1000/2000ltrs. may be specified with separately for price quote.</p>		<p>➤ Vacuum supply of 5HP with 300ltr., 7.5HP with 500ltrs. and 10HP with 1000ltrs. tank</p> <p>➤ Medical air compressor of 7.5Hp with 500ltrs, 10HP with 1000ltrs and 15HP with 2000ltr. tank</p> <p><u>The price has to be quoted separately in the specified price break up format as attached in separate PDF file of financial bid. The respective rows as per the above items may be incorporated in the specified format.</u></p>
<p><u>Page 88</u> Other items specified may be required for commissioning and price may be asked to quote separately.</p>	<p>As per the requirement of commissioning of gas pipeline system</p>	<p>Clarified as As per <u>Clause no. 4.3 , Responsibility of bidder, any items required for installation & commissioning of medical gas pipeline system and all required civil, electrical, plumbing, lighting, fire safety, exhaust systems, earthing, trenching, power line cabling and other works and materials as may be required for complete installation and trouble-free functioning should be treated as a part of the "turnkey work and the total cost involved in this regard shall have to quoted in total in the specified 2nd row of other turnkey job of price break up format of bill of requirement under separate PDF file of financial bid.</u></p>

N.B:

1. The amendments mentioned above are to be treated as amendments in the technical specification(s) and term(s) and condition(s) of the above tender

reference. All other technical specifications and terms conditions remain unchanged.

2. Since any text in the price BOQ can't be changed in the e-tender portal, the amendments mentioned in the specifications above are to be treated as amendments in the price bid/ BOQ also.

General Condition:

Queries: The bid submission last date may be extended for another 15 to 30days as the site inspection is required at all four locations to assess the requirement of material and actual design.

Amendment: The last of submission has been extended and revised dates are as follows:

➤ **Amended Last date for online technical bid submission – 07.05.2018, 5PM**

➤ **Amended Last date for online technical bid opening – 11.05.2018, 11AM**

Addendum Clause

NOTICE TO BIDDERS:

"Bidders shall submit any query or observation or representation on uploaded technical bids within 7 days of opening of Technical Bid. Bidders can submit their queries or observations or representations for their quoted items through email: proc.osmcl.od@nic.in or at **OSMCL office**. The query or observation or representation submitted must be supported with the letter from the principal manufacturer for the respective items alongwith supporting documents justifying their claims. No representations shall be entertained by the Tender Inviting Authority after 07 days of Technical bid opening. The Tender Inviting Authority may, at its discretion accept or reject the representation and the decision of the Tender Inviting Authority shall be final and shall be binding on all bidders participating in this bid".