

MINUTES OF THE MEETING HELD ON 26.04.2018, 11AM IN THE CONFERENCE HALL OF OSMC, BHUBANESWAR UNDER THE CHAIRMANSHIP OF GM (OPERATIONS – EQPT.) FOR FINALIZATION OF MODALITIES OF GAS PIPELINE SYSTEM FOR NEW MEDICAL COLLEGES (Bid Ref. No.: OSMCL/2017-18/EQP-MGPS/12)

Brief Note:

The committee was apprised of the tender reference cited above for supply, installation and commissioning of Medical Gas pipeline system on turnkey basis for 04 new medical colleges. The referred tender was floated manifold wise (for individual medical colleges) as per present site condition. After pre-bid meeting some of the prospective bidders have visited the site for inspection and suggested to go for centralized gas pipeline system since it will ease out the operation and maintenance of the system with involvement of less manpower.

Recommendations:

The committee unanimously agreed upon the feasibility of installation of centralized gas pipeline system and recommended to go for centralized gas pipe line system. The revised BoQ & technical specification is modified accordingly for installation of centralized gas pipeline system and is incorporated as an additional amendment (Annex-A). However, the technical specification of individual items under the Gas pipeline system shall remain unaltered as per tender specification and subsequent pre-bid amendment floated earlier unless otherwise specified particularly in the revised BoQ attached as **Annex-A**.

The meeting ended with thanks to all members.

Annexure-A

PRICE BID BREAK UP FORMAT AND BILL OF QUANTITY REQUIREMENT FOR CENTRAL MEDICAL GAS PLANT ROOM & MANIFOLD ROOM FOR FOUR NEW MEDICAL COLLEGES

Sl. No.	Supply, Installation & Commissioning of the following items as required for each manifold (Capacity as specified and the detail specification as specified in the tender technical specification and subsequent amendment)	Approx. required Qty.	Unit	Make	Country of Origin	Unit Rate (in Rs.) (Exclusive of tax)	Total Rate (in Rs.) (Exclusive of tax)	GST (in %age)
1		2	3	4	5	6	7=6×2	8
OXYGEN SYSTEM								
1	Fully Automatic Oxygen manifold control panel (Main bank)	4	Nos.					
2	7m ³ Oxygen cylinder manifold (16×16nos.) with atleast 2000LPM flow capacity (Total-32nos. Cylinders (Left bank-16nos. & Right bank-16nos.))	4	Set					
3	Reserve 7m ³ Oxygen cylinder bank (8 × 8nos.) (Total-16nos. Cylinders (Left bank-8nos. & Right bank-8nos.))	4	Nos.					
4	Fully Automatic Oxygen manifold control panel (Reserve bank)	4	Nos.					
5	Wall mount Surface Gas Outlets (Oxygen) (USFDA or European Notified CE approved)	300	Nos.					
6	Oxygen flow meter with 250ml. polycarbonate humidifier bottle (USFDA or European CE approved)	300	Nos.					
NITROUS OXIDE SYSTEM								
1	Fully Automatic Nitrous Oxide manifold control panel (Main bank)	4	Nos.					
2	7m ³ Nitrous Oxide cylinder manifold (8 × 8nos.) with atleast 1000LPM flow capacity (Total-16nos. Cylinders (Left bank-8nos. & Right bank-8nos.))	4	Set					
3	Reserve 7m ³ Nitrous Oxide cylinder bank (4 × 4nos.) (Total-8nos. Cylinders (Left bank-4nos. & Right bank-4nos.))	4	Nos.					
4	Fully Automatic Nitrous Oxide manifold control panel (Reserve bank)	4	Nos.					

5	Wall mount Surface Gas Outlets (Nitrous Oxide) (USFDA or European Notified CE approved)	50	Nos.					
CENTRAL VACUUM SYSTEM (QUADRUPLE TYPE)								
1	Vacuum (suction) supply system (4nos. of vacuum unit) of 100 to 120CFM flow capacity for each vacuum unit having suitable motor rating of 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 and 2nos. of vertical reservior tank of 2000 ltrs.capacity each. (Soundproof & dust enclosure is not mandatory)	4	Set					
2	Imported Bacterial Filter with Secretion Trap	4	Nos.					
3	Wall mount Surface Gas Outlets (Vacuum) (USFDA or European Notified CE approved)	400	Nos.					
4	Ward vacuum units with regulator & polycabnoate suction jar (USFDA or European CE approved)	400	Nos.					
CENTRAL MEDICAL AIR SYSTEM (PENTAPLEX TYPE)								
1	Air Compressor system (5nos. of compressor unit) of 70 to 90CFM flow capacity for each compressor unit having suitable motor rating of oil free type rotary screw or scroll air cooled compressor of reputed make like Ingersoll- Rand/ Anaest Iwata/Chicago Pneumatic or any other imported make only and 3nos. of vertical reservior tank of 2000 ltrs.capacity each. (Soundproof & dust enclosure is not mandatory)	4	Set					
2	4-stage Air Filtration System of suitable pressure capacity	4	Nos.					
3	Air Dryer System	4	Nos.					
4	Wall mount Surface Gas Outlets (Air) (USFDA or European Notified CE approved)	300	Nos.					
5	Pressure Reduction System as per required capacity	4	Nos.					
MISCELLANEOUS ITEMS								
1	Electrical control panel							
1.1	For Air compressor system	4	Nos.					

1.2	For Vacuum compressor	4	Nos.					
2	Medical Grade Copper Pipe : Lloyds' Certified conforming to BS EN 13348 standard only (Not BS EN 1057)							
2.1	108 mm OD x 2 mm thick	500	Mtrs					
2.2	76 mm OD x 1.5 mm thick	800	Mtrs					
2.3	54 mm OD x 1.2 mm thick	1500	Mtrs					
2.4	42 mm OD x 1.2 mm thick	1200	Mtrs					
2.5	35 mm OD x 1 mm thick	1200	Mtrs					
2.6	28 mm OD x 0.9 mm thick	1200	Mtrs					
2.7	22 mm OD x 0.9 mm thick	2000	Mtrs					
2.8	15 mm OD x 0.9 mm thick	8000	Mtrs					
2.9	12 mm OD x 0.7 mm thick	2000	Mtrs					
3	Medical Digital Gas Failure Alarm system (Area/Zonal)							
3.1	4 Gases	20	Nos.					
3.2	3 Gases	30	Nos.					
3.3	2 Gases	30	Nos.					
4	Master Central Medical Alarm for Gas Manifold and Plant Room		4	Nos.				
5	Zonal Valve Boxes for 2/3/4 gas system with pressure gauge (imported as per HTM02-01 Part A or NFPA 99 or ISO 7396-1 standard)							
5.1	For 4 Gases	50	Nos.					
5.2	For 3 Gases	50	Nos.					
5.3	For 2 Gases	50	Nos.					
6	Locking Isolation Valves (imported as per HTM02-01 Part A or NFPA 99 or ISO 7396-1 standard)							
6.1	15 mm Isolation Valves	100	Nos.					
6.2	22 mm Isolation Valves	100	Nos.					
6.3	28 mm Isolation Valves	100	Nos.					
6.4	35 mm Isolation Valves	80	Nos.					

6.5	42 mm Isolation Valves	80	Nos.					
6.6	54 mm Isolation Valves	80	Nos.					
6.7	76 mm Isolation Valves	40	Nos.					
6.8	108 mm Isolation Valves	40	Nos.					
OTHER ITEMS								
1	Horizontal Bed Head panels with provision for gas outlets (USFDA or European Notified CE approved)	200	Nos.					
2	Double arm movable ceiling pendant (USFDA or European Notified CE approved)	40	Nos.					
3	Specify any other items required for commissioning	As required	Nos.					
OTHER TURNKEY JOB								
1	Complete civil construction of the manifold and plant room (separate room for each) including the required civil material including foundation piling, flooring (both concrete & heavy duty, high impact anti skitting rubber tiles) , roof casting, brick wall construction, plastering, painting,electrical wiring & exhaust provision and other as specified/ desired in requirement of complete commissioning (As per the requirement for setup of central plant & manifold room for the concern hospital)	1000	Sq.mtr.					
2	Supply, installation & commissioning of Air Conditioning system (Atleast 5 ton split type)	16	No.					
3	Supply, installation & commissioning of 3-Phase Diesel Generator Set from reputed make like Cummins/Kirlosker/Kohler of atleast 200KVA capacity, liquid cooled type and having acoustic enclosure having noise absorbant and fire retardant insulation material and fuel tank of 300ltr.capacity (Should meet norms of CPCB for pollution free emission and low noise)	4	No.					
4	Supply of empty jumbo cylinder for Oxygen (120nos. per manifold room in each hospital)	480	No.					

5	Supply of empty jumbo cylinder for Nitros Oxide (60nos. per manifold room in each hospital)	240	No.					
6	Supply, Installation & Construction of Trench Work for underground distribution of medical gas pipeline (Minimum 4ft. depth with proper cement plastering, concrete covering and provision of intermittent support for pipeline distribution avoiding water logging) (Necessary check valve shall have to be installed with locked cabinet)	500	Running Mtr.					
7	Cost towards additional job such as any perticluar construction/ modification/demolition/ plumbing/earthing/fire safety measure/ exhaust/ electrification/lighting/any other turnkey job required at site for the commissioning of the concern manifold & plant room (As per the requirement for setup of central plant & manifold room for the respective location of four medical colleges)							
7.1	for PRMMCH, Baripada	1	Lot					
7.2	for SLNMCH, Koraput	1	Lot					
7.3	for Govt. Medical College, Balesore	1	Lot					
7.4	for Govt. Medical College, Bolangir	1	Lot					
	TOTAL PRICE (in Rupees and in Words both) Sum total of all of the above cost, which must be same as the cost quoted in <u>Row-1 Colomn-3</u> of price boq in excel format.							

Note:

1. The bidder has to quote the rate in this format only applicable for all four new medical colleges . **However the total price has to be quoted in the first (1st) row of excel boq file only** (remaining all other rows unfilled, as excel boq could not be modified in e-tender portal). The lowest quoted rate in the respective row shall be treated as L1 bidder for award of contract of whole MGPS project for four new medical colleges.
2. The unit rate (in Rs.) quoted for above items as well as copper pipeline must **inclusive of material as well as labour & installation cost** required for proper functioning and commissioning. The required GST should be extra as applicable and must be specified separately. (GST rate in absolute need not to be added as it shall not be considered for financial bid evaluation).
3. The quantity specified in the above bill of quantity format is based on assumption only of total requirement for all four locations, hence are approximate in nature. However the final requirement should be as per the requirement for the commissioning of the project only. Hence necessary payment shall be made based on the total quantity of the items installed/used/commissioned on as per actual basis after the commissioning of the project.
4. The total price (exclusive of GST) in bill of quantity is **final and considered for evaluation of lowest bidder only**. However the unit rate quoted shall be approved for necessary award of contract for central MGPS project for all four locations.
5. The revision in capacity/quality/type as specified for the respective items under bill of quantity should be considered while all other technical specification and tender terms conditions shall remain unchanged as per the previous amendment.
6. Submission of video or images of past projects undertaken is not mandatory and is not considered as qualifying criteria. However ,it may be provided for assessment of past performance of the bidder.
7. The technical specification of individual items under the Gas pipeline system shall remain unaltered as per tender specification and subsequent pre-bid amendment floated earlier unless otherwise specified particularly in the revised BoQ attached as Annex-A above.

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

Amended Last date for online technical bid submission – 22.05.2018, 5PM

Amended Last date for online technical bid opening – 26.05.2018, 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”.

**Sd/-
Managing Director,
OSMC**