

Medical gas Pipe Line System consists of Central Manifold for controlling of Medical Gases Pipe Line Systems and other various functionalities are handled by manpower round the clock. The List Items, equipment's or accessories involved for this purpose are enclosed in details (Annexure-1).

Maintenance Contract is intended to serve the purpose of maintenance of entire pipe line system functionality along with equipment's. The service person should be available round the clock to attend to the breakdown calls OR leakage of Medical Gases either from control panel or any part of the pipe line system. Maintenance includes calibration, regular monitoring of equipment's as mentioned in Annexure 1 and minimum of four preventive maintenance service.

The quotation/tenders must be sealed by the bidder in envelopes duly super scribed "**Maintenance of Medical Gas Pipeline System**". Sealed envelopes are to be put in the bigger envelop which should also be sealed & duly super scribed. "**Open Tender for Maintenance of Medical Gas Pipe Line System**". Bid may be dropped in the tender box kept at the **M.S. Office** up to **02:00PM on 30/08/2018**. If the bid is sent by post, it must reach before **02:00PM on 30/08/2018** and should be addressed to the MEDICAL SUPERINTENDENT, HAHC, Jamia Hamdard New Delhi-110062 with the superscription as above, Bids received late will not be considered. All the bids received will be opened on **31/08/2018 at 2:30PM**.

Before participating in the tender the firm, representatives are requested to visit the manifold room in the working hours of the hospital i.e. from 8:00AM to 4:00PM Monday to Saturday.

Medical Superintendent

TERMS AND CONDITION:

1. Literature of the number of visits, time limit, amount charges for AMC, nature of services handled at other hospitals similar to this(experience of 3 or more year in dealing similar work), must be enclosed.
2. Validity of bid for acceptance should be for a minimum period of 6 months.
3. Taxes should be mentioned separately in the price bid along with the quoted rates of the equipment.
4. Submit all the following details related to the Maintenance Provider:
 - a. Full postal address
 - b. Email ID
 - c. Telephone number
 - d. Fax number
 - e. The firm should also provide the complete address along with telephone and fax no. of service station from where after sale /service would be provided.
5. The Tender must furnish the following details:
 - a. Name and Address, Fax, Telephone No., email ID etc. for contact.
 - b. PAN/TAN number issued by Income Tax Dept. of India.
 - c. Bank details and Account Nos. (For ECS payment).
 - d. MICR Nos.
6. Maintenance contract is for a period of 12 months which may be extended in satisfactory performance at mutual agreement.
7. 10% of the A.M.C. amount will have to be deposited, as Security after entering into A.M.C. The amount will be paid on monthly basis. After provision of performance certificate from the in charge of the department/ competent authority.
8. The contract includes 24 hour labor service for each plant and 4 No's. Preventive maintenance visits on each plant apart from attending any number of breakdown calls, as and when required. Breakdown calls have to be attended within 1(one) hour, failing which a penalty of 0.5% of the cost of the Annual Maintenance Contract of the equipment per day may be levied and should provide stand by during Intervening period and ensure uninterrupted oxygen supply.
9. All type of spares and accessories should be available with the vendor doing repairs of MGPS & Manifold equipment.
10. All the repairs have to be taken up within the hospital as far as possible. The instrument will be allowed to be taken out the permission of competent authority only.
11. Medical Superintendent reserves the right to reject/accept any or all tenders/modifications in the terms and conditions without assigning any reason thereof. No Correspondence will be entertained in this regard.
12. Rates should be quoted for each item separately along with list of spares generally consumed.
13. Rates should be mentioned both in figures and words.

14. Each page of tender should be signed by the Tenderer with the stamp of the firm.
15. Tender should be in the sealed covers and includes all technical and price details. Supply order will be placed separately.
16. Any conditional tender or deviation from Terms and Condition of the tender Noticed shall be liable to rejection of tender.
17. The Medical Superintendent or his designated officer shall be the competent authority for black listing. In normal circumstances black listing can be resorted to by the competent authority for a period of not exceeding five years ordinarily in the cases of failure or default in the performance or responsibilities or breach of terms and conditions of MOU or any agreement or contract as the case may be. Before an order to the effect of black listing is passed an opportunity of being heard shall be afforded.
18. Secondly the competent authority may resort to black listing for a period of five years or in perpetuity if the gravity, magnitude or culpability of conduct requires stern action. An illustrative (not exhaustive) list of such acts is given below.
 1. Dishonest/fraudulent practices indulged in by the party concerned.
 2. Misappropriation of government funds.
 3. Advancing the claim on the basis of forged documents.
 4. Conviction for an offence involving corruption or any other serious act or conduct etc.
 5. Any case or situation involving national security.
19. A service/duty person should be available round the clock to attend to the breakdown calls OR leakage of Medical Gases either from control panel or any part of the pipe line system. Maintenance includes calibration, regular monitoring of equipment's.
20. The contract will be valid for a period of one year.
21. The serviceable parts will be handed over to the Bio-Medical Officer i/c /HOD of Anesthesia/Store keeper before putting up the bills.
22. The firm will take approval of spare parts to be replaced in writing. HAHCH have the right to procure consumable items from the Local vendors as and when required and services should be done by firm who has the contract of MOT.
23. The amount mentioned above is including labor charges fee for round the clock service and all the service under MGPS.

**Name, Signature & Address of the
Tenderer
With Stamp**

ANNEXURE .1

**LIST OF ITEMS FOR AMC UNDER MEDICAL GAS PIPELINE SYSTEM WITH
COMPRESSORS**

(These details may be varied, so before participating in the tender the firm, representatives are requested to visit the manifold room in the working hours of the hospital i.e. from 8:00AM to 4:00PM Monday to Saturday.)

	Name Of The Item	Units	Qty.	A bloc k	B Block
A)	<u>OXYGEN SYSTEM</u>				
1	12+12 size of oxygen manifold complete with 24 nos. pig tail pipes (A Block)	Set	1	12+1 2	10+1 0
	10+10 size of oxygen manifold complete with 20 nos. pig tail pipes (B Block)				
2	4 cylinders 4 tail pipes emergency manifold with pressure reducing system (Both A & B Block)	Set	2	1	1
3	Automatic Oxygen Control Panel (Both A & B Block)	Set	2	1	1
4	'D' Type cylinders 6 in A Block & 45 in B Block			6	45
5	Liquid oxygen tank capacity of 1700L in A Block			1700 L	
B)	<u>NITROUS OXIDE SYSTEM</u>				
1	3 + 3 SIZE N2O manifold complete with 6 nos. pigtail pipes. (A Block)	Set	1	3+3	4+4
2	4+4 SIZE N2O manifold complete with 8 nos. pigtail pipes. (B Block)				
3	1 Cylinder emergency Point with pressure reducing system in B Block	Set	1		1
4	Automatic N2O control panel. (Both A & B Block)	Set	1		
5	'D' Type cylinders 2 in A Block & 9 in B Block			2	9
C)	<u>COMPRESSED AIR SYSTEM</u>				
1	Compressed air system complete with air compressor (2 nos.) Complete with Air Receiver of 1500 ltrs. Capacity. And air dryers. (Make : TRIDENT)	Set	2	1	1
2	Filter & reducing station	Set	2	1	1
D)	<u>VACUUM PUMP SYSTEM</u>				
1	Vacuum pump system complete with vacuum pump (2 Nos.) complete with Vacuum Tank of 3000 ltrs. Capacity. (Make : INGERSOLL RAND)	Set	2	1	1
2	Bacterial Filtrate For Vacuum (Make: TRIDENT)	Set	9	1	8
E)	<u>AGSS SYSTEM</u>				
1	AGSS System consisting of Duplex, Skid Mounted, AGS Pumps in B Block	Set	1		1
F)	<u>AREA LINE PRESSURE ALARM</u>	Units	Qty.	A	B
1	Area line pressure alarm upto 5 gases	Nos.		5	4

2	Area line pressure alarm up to 4 gases	Nos.		-	2
3	Area line pressure alarm up to 3 gases	Nos.		7	3
4	Area line pressure alarm up to 2 gases	Nos.		5	5
G)	<u>OXYGEN FLOW METER</u>	Nos.		143	119
H)	<u>Gas Outlet Point (Imported)</u>				
	(O2- 143 , N20- , AIR- 45 , VAC-93) A Block				
	(O2- 119 , N20- , AIR- 12 , VAC-107) B Block				
I)	<u>Theatre Suction Trolley Unit with Regulator</u>	Nos.	8	4	4
J)	<u>Bed Head Panels</u>				
1	2 Gas outlet with 5 Amp. Switch & sockets and Nurse call system	Nos.	147		
2	3 Gas outlet with 5 Amp. Switch & sockets and Nurse call system	Nos.	17		
3	4 Gas outlet with 5 Amp. Switch & sockets and Nurse call system	Nos.	16		
K)	<u>VALVE WITH VALVE BOX AND PRESSURE GAUGE</u>	Units			
1	5 Services	Nos.		4	4
2	4 Services	Nos.		2	2
3	3 Services	Nos.		7	6
4	2 Services	Nos.		8	14
L)	<u>COPPER PIPING WITH REQUIRED COPPER FITTINGS SIZE TO BE USED</u>				
1	54mm outer dia, 1.2mm thick				
2	42mm outer dia, 1.2mm thick				
3	28 mm outer dia, 0.9 mm thick				
4	22 mm outer dia, 0.9 mm thick				
5	15 mm outer dia, 0.9 mm thick				
6	12 mm outer dia, 0.7 mm thick				
G)	<u>FLOOR ISOLATION VALVE</u>				
1	SIZE : 54MM				
2	SIZE : 42MM				
3	SIZE : 28MM				
4	SIZE : 22MM				
5	SIZE : 15MM				

Medical Superintendent