

OFFICE OF THE CHIEF DISTRICT MEDICAL & PUBLIC HEALTH OFFICER, MALKANGIRI

**TENDER FOR SUPPLY, INSTALLATION & COMMISSIONING OF GAS PIPE LINE AND
MANIFOLD SYSTEM AT –DHH-MALKANGIRI**

No. **10133 /XIV-P (D&C)-02/2018**, dated, Malkangiri the 21st Nov 2018

Sealed Tenders are invited from reputed manufacturers /Authorized Distributors for supply, installation and commissioning of gas pipe line and manifold system at district head quarter hospital through **Speed Post /Regd Post** only.

LAST DATE & TIME OF RECEIPT OF TENDER PAPER: 17.12.2018 up to 05.00 PM

PREBID CONFERENCE – 11.12.2018 at 11.00 A.M

DATE & TIME OF OPENING OF TENDER: - 18.12.2018 at 11.00 A.M

VENUE: - OFFICE CHAMBER OF
THE CHIEF DISTRICT
MEDICAL & PUBLIC
HEALTH OFFICER –
MALKANGIRI

**PLACE OF OPENING OF BID DOCUMENT &
ADDRESS FOR COMMUNICATION FOR RECEIPT OF
BID DOCUMENTS & PRE BID DISCUSSION-** :- CHIEF DIST. MEDICAL &
PUBLIC HEALTH
OFFICER, MALKANGIRI
ODISHA, PIN-764048
cdmomkg@gmail.com
cdm.pho.malkangiri@gmail.com

SALE OF TENDER / BID DOCUMENT

The Bidders have to download the Tender Documents directly from the WEBSITE available at www.malkangiri.nic.in (all tenders). The Tender Paper cost fee of **Rs.5000/- (Rupees Five Thousand) Only** (Non-refundable) by way of State Bank of India Demand Draft drawn in favour of **CHIEF DISTRICT MEDICAL AND PUBLIC HEALTH OFFICER, MALKANGIRI** payable at **STATE BANK OF INDIA AT MALKANGIRI BRANCH** should be enclosed along-with the Technical Bid. The Bidders should specifically superscribe, **“DOWNLOADED FROM THE WEBSITE”** on the top left corner of the outer envelope containing Technical Bid and Price Bid separately. The Tender Paper cost fee and the EMD amount should be submitted separately in separate State Bank of India demand drafts. In case of any bid amendment and clarification, responsibility lies with the bidders to collect the same from the website or the office notice board before last date of purchase of tender document and the C.D.M & P.H.O, Malkangiri shall have no responsibility for any delay / omission on part of the bidder.

- a) Price of bid document Rs.5000.00
(Non-refundable)

The tender paper will be rejected, if the bidder changes any clause or Annexure of the bid document downloaded from the website.

TERMS AND CONDITIONS

1.1 Sealed tenders will be received by dated. **17.12.2018** up to **05.00 PM** by the Chief District Medical & Public Health Officer. **MALKANGIRI** in the office of the **CHIEF DISTRICT MEDICAL AND PUBLIC HEALTH OFFICER, MALAKGIRI** for the purchase Supply, installation and commissioning of Medical Gas Pipeline and manifold system. Any tender received after the due date & time will be rejected / returned to the sender unopened. The tenders will be received through Courier services / Speed Post only. No tender paper submission through the person/persons by hand is accepted.

1.2 The bidder(s) are to submit their tender in separate sealed covered envelopes for technical bid and commercial bid by super scribing Cover “A” (Technical Bid) & Cover “B” (Price Bid) and both the covers should be put into a third Cover, which should be super scribed as “Tender for the Supply, installation and commissioning of Medical Gas Pipeline and manifold system at **DISTRICT HEAD QUARTER HOSPITAL, MALKANGIRI.**

1.3 The Sealed tenders “Cover A” (Technical Bid) submitted by the tenderers will be opened at the office chamber of the **CDM&PHO** at **11.00 A.M** on dated **18.12.2018**. The tenderer or their duly authorized representatives are allowed to be present during the opening of the tenders if they so like.

1.4 No tender documents can be accepted after the expiry of scheduled date and time for receipt of bids.

1.5 The scope of work shall include Supply, Installation, Commissioning, & Satisfactory demonstration. This will also include testing, packing, transportation, scheduling of transportation, transit insurance, delivery at sites, unloading, storage, job site storage, insurance, installation any other services associated with the delivery of the equipment and materials providing warranty of services and operation and maintenance of other related equipment / items required for complete installation. The successful bidder will assume full responsibility of the complete system until final acceptance.

1.6 The bidders are required to have a survey including the site visit before furnishing the quotations.

ELIGIBILITY CRITERIA

2.1 Manufacturing units eligible to participate in the tender provided, they have

- (i) Valid manufacturing license/Import license
- (ii) Valid ISO certificate.
- (iii) Valid CE certificate
- (iv) Tenderer must have submit proof of supply minimum Eight numbers or above installation and commissioning of GAS pipeline system at any Govt, organization / PSU Hospitals //District Head quarter Hospitals/Medical colleges/Corporate Hospitals in Odisha (Not less than 250 Bedded). Bidder must be produced Performance certificate/Order Copy in support of that from the user in last 3 years in Odisha. (2015-2016, 2016-2017 & 2017-2018)
- (v) Proof of turnover Rs. 50 Lakhs or more in each financial year for preceding three (3) financial year of the manufacturing firm.
- (vi) Manufacturing unit who has been blacklisted either by the Tender inviting authority or by any state Govt. or Central Govt. organization is not eligible to participate in the tender for that item during the period of blacklisting.

- 2.2 Authorized distributors are eligible to participate in the tender provided:
- (i) They submit manufacturer's authorization and power of attorney to transact business on behalf of the manufacturer as per the format at **Annexure - VII**. The authorized distributor may raise bill, if specially authorized by the manufacturer.
 - (ii) The authorized distributor will submit all the documents in support of eligibility of the manufacturer as mentioned in clause No. 2.1 along with the tender.
 - (iii) The bidder should have Service Center in Odisha since last three years.

The following documents should be enclosed in Cover "A" (Technical Bid) by the tenderer. All the photocopies are to be attested by a Notary Public / Gazetted Officer.

TECHNICAL BID :

- 3.1 Price of Bid documents of Rs 5000/-(Five Thousand) in shape of State Bank Demand Draft in favour of Chief District Medical and Public Health Officer, Malkangiri payable at SBI, Malkangiri.
- 3.2 Copy of Valid Manufacturing License /Import License
- 3.3 Earnest Money Deposit of Rs 100000/-(One Lakh) in shape of State Bank Demand Draft in favour of Chief District Medical and Public Health Officer, Malkangiri payable at SBI, Malkangiri.
- 3.4 Copy of Valid ISO certificate.
- 3.5 Copy of valid CE certificate
- 3.6 Copy of valid GST certificate.
- 3.7 (a) The Original Tender Book with Conditions and the schedules signed by the tenderer at the bottom of each page with his official seal duly affixed.
(b) Leaflets, photographs & literatures relating to the product / item quoted and matching the specification of the tender in a tabular form in **Annexure-IV**
- 3.8 The declaration form in **Annexure - I** duly signed by the tenderer before Notary Public.
- 3.9 Proof of Such work minimum eight projects to any Govt. organization / Corporate Hospitals / PSU Hospitals / UN Agencies and certificate in support of that in last 3 years from the user **(2015-2016, 2016-2017 & 2017-2018)** in **Annexure-III**.
- 3.10 Details name, address, telephone no., Fax, e-mail of the manufacturer / authorized distributor / service centre / contract person / office in Orissa (**Annexure - VI**).
- 3.11 Certificate duly filled by the Auditor / Chartered Accountant (as per **Annexure -V**) that the annual turnover of the tendering firm is **Rs.50.00 Lakhs** or more in each financial year for last preceding 3 (three) financial years in India of asked product or related product.
- 3.12 Address proof of Service Centre in Odisha for last three years.

COVER – B (PRICE BID)

- 4.1 The tender format giving the quoted rate for the items on rate contract basis should be sent in a separate sealed cover hereafter called Cover "B" (Price Bid).
Cover –B (Price Bid) will be opened only of the tenderers who qualify in Technical Bid (Cover – A) and product is as per tender specification.
- 4.2 The tender format (Price Schedule) in duplicate in the prescribed form (as per **Annexure – II**), both hard copy and soft copy must be submitted in Cover-B. The price of the item should be quoted inclusive of excise duty, insurance, packing, forwarding, freight (door delivery), installation, warranty for 1 (One)years and CMC for 3(three) years but exclusive of GST, if any and the turnkey job in a separate column. The rate should be quoted for each item both in figures and words. In case of difference in words and figures, words will be taken into consideration for evaluation.

N.B: Valid means the certificate should be valid on or beyond the date of opening of tender (Cover-A).

- 4.3 The date of opening of Cover "B" (Price Bid) of the successful bidders will be intimated later on.

REJECTION OF TENDER

5. The tender paper will be rejected, if any of the following documents are wanting / not submitted with the tender:

- (i) Manufacturing license/Import license.
- (ii) The Authorized Distributor (have to submit the Authorization from the concerned manufacturing firm/Importer.
- (iii) Cost of bid documents of Rs.5000/- (Rupees Five Thousand) Only in shape of State Bank of India Demand Draft payable in faovur of Chief District Medical and Public Health Officer, Malkangiri payable at SBI, Malkangiri.
- (iv) Earnest Money Deposit (EMD) of **Rs.100000/- (Rupees One Lakh) Only** in shape of State Bank of India Demand Draft payable in faovur of **Chief District Medical and Public Health Officer, Malkangiri payable at SBI, Malkangiri.**
- (v) Turnover of Rs.50.00 Lakhs or more in each year for preceding 3 financial years.
- (vi) Valid ISO certificate.
- (vii) Valid CE certificate
- (viii) Proof of supply/ installation of the items minimum eight projects to any Govt. organization / Corporate Hospitals / PSU Hospitals / UN Agencies and certificate in support of that from the user from **(2015-2016, 2016-2017 & 2017-2018).**
- (ix) Proof of registration of Service Center in Odisha for last three years.
- (x) Price bid / quoted rate with signature and seal (Hard Copy) As per **Annexure-II**

6. Specifications:-

The quoted product should be recent one and as per the specification enclosed at **Annexure – III**, Required catalogue on the product description should be attached with the tender.

7. Earnest Money Deposit:

1. The tender should be accompanied with Earnest Money Deposit (EMD) amounting **Rs.100000/- (One Lakh)** in shape of State Bank of India Demand Draft in favour of **Chief District Medical and Public Health Officer, Malkangiri payable at SBI, Malkangiri** falling which tender will be rejected.
2. The EMD of the unsuccessful bidders will be return back after finalization of tender & in case of successful tenderer, the EMD will be returned after submission of performance security 10% of the purchase order value. EMD of successful tenderer/s will be forfeited, if he/they does/do not accept the purchase order.
3. The selected firm has to complete the installation and commissioning within 90 days of issue of purchase order. If the firm fails to supply and install the item/s in time or supplies are not up to standard, his EMD shall be forfeited and the firm will be blacklisted.

8. Performance Security:

1. 10% of the purchase order value will be submitted by the firm towards performance security within 15 days of receipt of purchase order in shape of State Bank of India Demand Draft in favour of Chief District Medical and Public Health Officer, Malkangiri payable at SBI, Malkangiri.
2. The Security deposit will be refunded to the firm after Warranty period over.

PRICE EVALUATION:

1. Tenderers who technically qualify will be evaluated only.
2. The cost of Item (inclusion of the excise duty, transportation, insurance, packing & forwarding & warranty for two (2) years and CMC of 3(three) years & but excluding GST+ cost of the Turnkey job i.e. installation, cabling ,electrical fittings ,civil work etc, (including all taxes) taken together will be evaluated and the lowest bidder will be selected.

9. Delivery and Installation:

Delivery and installation of each item should be completed within 90 days from the date of issue of purchase order falling which liquidated damage @ 0.5% per week shall be deducted from final payment, for each week of delay beyond the delivery period upto maximum of 2%.

10. Turn Key Job:

- Building required for keeping the gas cylinders, foundation, fencing, etc. will be constructed by the Vendor.
- Making holes in the slab, walls, Removing false ceiling & placing back, if any, etc. will be the responsibility of the vendor and the same will be made good by him. Related malba will be removed by the contractor and will be disposed in the dumping yard . Other related electric work, if any, for making the manifold functional will be executed by the vendor.
- All civil/electrical work will be carried out as per specifications.

11. Warranty:

1. All the items should be covered under one year warranty from the date of installation & commissioning.
2. The approved suppliers has to submit an undertake g in non-judicial paper attested by Notary Public for 1 year warranty.(**Annexure XI**)

12. Payment:

1. 80% payment shall be made after submission of stock entry certificate (s) duly certified by the concerned officer/installation & demonstration certificate/s and warranty certificate. The balance 20% of the payment will be released after two months of commissioning of the payment, if it is working satisfactory.
2. The approved value of CMC (Compressive Maintenance Contract) payment will be made year wise after signing the CMC agreement (**Annexure-XII**)

13. General Conditions:

1. In the event of the date being declared as a holiday for the purchaser's office, the due date submission of bids and opening of bids will be the following working date & time.
2. The authority reserves the right to accept /reject all the bids or any part thereof without assigning any reason thereof.
3. No conditional tender will be accepted.
4. The qualified bidder, who according to terms and conditions will not supply and install the items in the stipulated time period and of specified quality, will be black, listed from the purchase committee.
5. Any matter will be finalized in **MALKANGIRI** Jurisdiction.

ANNEXURE – I

(Refer Clause No. 3.8)

DECLARATION FORM

I / Wehaving My / our
.....office at.....do declare that I / We
have carefully read all the terms & conditions of tender of the **CHIEF DISTRICT MEDICAL AND PUBLIC HEALTH OFFICER, MALKANGIRI** for the supply, installation and commissioning of gas pipe line and manifold system. I will abide with all the terms & conditions set forth in the tender paper Reference no.

I/We do hereby declare I/We have not been de-recognised / black listed by any State Govt. / Union Territory / Govt. of India / Govt. organisation / Govt. Health Institutions for supply of Not of Standard Quality (NSQ) items / part-supply / non-supply.

I/We agree that the Tender Inviting Authority can forfeit the Earnest Money Deposit and or Security Deposit and blacklist me/us for a period of 2 years if, any information furnished by us proved to be false at the time of inspection / verification and not complying with the Tender terms & conditions.

I / We further declare that I / We possess valid manufacturing license / authorized distributor bearing no .
.....Valid upto I / We do hereby
declare that I / we will supply the ----- as per the terms, conditions & specifications of
the tender document. I / we further declare that I / we have a service centre / will establish a service centre within
one month of installation of the equipment in Orissa.

Signature of the bidder :

Date :

Name & Address of the Firm:

Affidavit before Executive Magistrate / Notary Public.

To be submitted in Cover B – Price Bid

ANNEXURE-II

(Refer Clause No. 4.1)

MODEL TENDER FORMAT (PRICE SCHEDULE)

Name of the Item (Item mentioned in the schedule of requirement) (With Make & Model)	Specification (Section V)	Price of Gas Pipe Line System which includes excise duty / customs duty, packing, insurance, forwarding / transportation (door delivery) with 1 (One) years onsite warranty & excludes GST Cost in Rs. (both in words & figures)	CMC (excluding Service Tax) for three years after expiry of ONE years warranty period (please mention on yearly basis)	**Cost of Turnkey (all accessories for installation & commissioning including all taxes for turnkey in Rs. (Door delivery & installation)	*Total Cost (Unit Price with AMC & Turnkey) (Exclusive of CST/VAT & ET)	GST (if any) on & above the item price mentioned in (3) (Mention whether GST the % of tax & it's value in Rs.)
(1)	(2)	(3)	(4)	(5)	6=3+4+5	7
1. Gas Pipe Line System			1 st year: 2 nd year: 3 rd year: Total			

The Price break up of of GAS PIPE LINE System and Manifold (as mentioned in Column 3 above) shall be furnished separately in Annexure II

* The total cost shall be taken into account for evaluation. This will exclude the GST which will be chargeable on the price (3) shall be mentioned separately in column 7 above.

** The cost of turnkey is required for installation & commissioning. For turnkey, the details of accessories/equipment are to be mentioned.

Date:

Signature of the Bidder:

Place :

Name
Seal

To be submitted in Cover B – Price Bid

ANNEXURE-IIB

(Refer Clause No. 4.1)

PRICE BREAK UP OF THE PRICE OF GAS PIPELINE AND MANIFOLD AS MENTIONED IN THE COLUMN 3 OF THE PRICE SCHEDULE ANNEXURE IXA

Sl.	Name of the item	Make/Model	Quantity	Unit Cost(Rs)	Total Cost (Rs.)
1	Gas outlets [Terminal units] M70 type for Oxygen/ Vacuum/ Compressed Air/ N2O		Each		
2	Medical grade copper tubes, fittings and fixtures, Gauges-O.D, Wall thickness of tube 12mm X 0.9mm OD		Per Mtr		
	15mm X 0.9mm OD		Per Mtr		
	22mm X 0.9mm OD		Per Mtr		
	25mm X 0.9mm OD		Per Mtr		
	42 mm X 0.9mm OD		Per Mtr		
3	Zonal Isolation valves with pressure gauges (Oxygen/ Vacuum/ Air / N2O				
	Zonal Isolation valves with pressure gauges 15 MM		Each		
	Zonal Isolation valves with pressure gauges 22 MM		Each		
	Zonal Isolation valves with pressure gauges 28 MM		Each		
	Zonal Isolation valves with pressure gauges 42 MM		Each		
4	Valve with Valve Box with pressure Systems 02 Gases		Each		
	Valve with Valve Box with pressure Systems 03 Gases		Each		
	Valve with Valve Box with pressure Systems 04 Gases		Each		

5	Area Alarm System			Each	
6	Mater Alarm System			Each	
7	Oxygen Manifold			Each	
8	N2O Manifold			Each	
9	Emergency Standby Manifold Oxygen			Each	
10	Emergency Standby Manifold N2O			Each	
11	Semi Automatic Control Panel for Oxygen			Each	
12	Necessary Accessories				
	Brass body flow meters with humidifiers.			Each	
	Ward Vacuum Unit with 600 ml Humidity fire Bottle			Each	
13	Pressure line adapter pins etc. to be supplied in adequate numbers			Each	
14	Compressed Air System (02 Nos Air Compressor, 01 No Medical breathing Air Dryer)			Each	
15	Medical Vacuum System (Rotary vain Type 02 Nos of vacuum Pump with accessories)			Each	

❖ The lengths of the Pipes are given as Approximate. The amount will be paid as per actual length which will be calculated taking into unit price consideration.

Grand Total Amount should be the same as that of price mentioned in Col.3 of Annexure IIA

Signature of the Bidder:

Name

Date :

Place :

(To be submitted in Cover A - Technical Bid)
Annexure III (Refer Clause no. 3.9)
 PROFORMA FOR PERFORMANCE STATEMENT
 (For the period of last three years)

Tender Reference No.

Name of Tenderer :

Name of Manufacturer :

Sl.	Order placed by (Address of purchaser) (attach documentary proof)*	Order no. & Date	Item Name	Make & Model	Qty	Value of Contract	Date of Completion		Reasons for delay if any	Have the goods been functioning satisfactorily (attach documentary proof)**
							As per contract	Actual		
1										
2										
3										
..										

Signature and seal of the Tenderer

* The documentary proof will be **copies of the purchase order** (during the last 2 years) indicating Contract No. and date along with a notarized certification (by the bidder) authenticating the correctness of the information furnished.

** The documentary proof will be certificate from the consignee/end user indicating Contract No. and date along with a notarized certification (by the bidder) authenticating the correctness of the information furnished.

Technical Specifications

(Refer Clause No. 6)

1. Gas outlets [Oxygen/ Vacuum/ Air/ N2O]:

- Integral check valve.
- All metal construction.
- Individually tested & certified.
- Full range of mounting.
- For tube size 10mm, 15mm, 22mm, 28mm, 42mm individually labeled.

• **Manufacturer should be ISO and CE certified.**

2. Medical grade copper tubes, fittings and fixtures:

- All copper pipes & fittings used should be made of phosphorous de-oxidized, non arsenical copper having ISI marked flow meter of specified sizes.
- The chemical composition of tubes should confirm to BS6017: 1981 and manufactured as per BS-2871 or European standard of EN 1057.
- Copper pipes should be solid drawn seamless hard tempered & degreased for medical use.
- Copper to copper joints should be made on site using a silver copper phosphorus brazing alloy. Copper to brass or gun metal joints shall not be made on site.
- Pipe lines should be supported at the intervals specified in HTM 2022 using suitable metallic, non ferrous material. Plastic supports may be used only for the down drops to the terminal units.
- Fitting shall be end feed type, manufactured from the same grade of copper on the pipes and should confirm to BS864.
- Fittings shall be degreased suitable for oxygen use and supplied sealed in protective polythene bags.

Gauges should be	O.D.	Wall thickness of tube
	42mm	0.9mm
	28mm	0.9mm
	22mm	0.9mm
	15mm	0.9mm
	10 mm	0.9mm

• **Manufacturer should be ISO & CE certified.**

3. **Zonal Isolation valves with pressure gauges:**

- Full bore valves for minimum pressure loss.
- Non-lubricated with 90 degree turn ball valve with PTFE seals suitable for pipes of appropriate sizes.
- Should have pressure gauges at specified place to monitor pressure drop.
- Tested for double working pressure [120 PSI].
- For Oxygen, Air & Vacuum
- For Emergency point for Oxygen
- **Manufacturer should be ISO & CE certified.**

4. **Medical gas Alarm system:**

- Three gas alarm
- Individual gas status LED indicator-showing NORMAL, HIGH and LOW conditions for each service.
- Audio alarm Indicator by Piezo electric buzzer.
- Alarm test / check / mute Facility needed.
- Working pressure display via digital gauges.
- Aesthetic design and Powder coated aluminum construction.
- **Manufacturer should be ISO & CE certified.**

5. **Oxygen Manifold – to comply with relevant standards, with minimum maintenance:**

- 10 X 10 oxygen cylinder: Oxygen manifold should be suitable to withstand a pressure of 145 kg / cm².
- Copper Annealed tail pipes with Brass end adaptors suitable for Oxygen Cylinders and manifolds.
- Semi-automatic control panel board with visual alarm.
- Main pressure gauges should be easily visible for proper monitoring of cylinder as well as piped gas, pressure.
- **Manufacturer should be ISO & CE certified.**

6. N2O Manifold to comply with relevant standards with minimum maintenance:-

- 4x 4 Oxygen Cylinder: Oxygen manifold should be suitable to withstand a pressure of 145kg/cm².
- Copper Annealed tail pipes with Brass end adaptors suitable for N2O Cylinders and manifolds.
- Semi-automatic control panel board with visual alarm.
- Main pressure gauges should be easily visible for proper monitoring of cylinder as well as piped gas, pressure.
- **Manufacturer should be ISO and CE certified.**

7. Emergency Standby manifold for medical oxygen:

- To comply with relevant standards.
- 1 X 1 x 7M3 oxygen cylinder manual manifold with good quality preset regulator.
- Should require minimum maintenance.
- **Manufacturer should be ISO and CE certified.**

8. Emergency Standby manifold for Medical N2O:

- To comply with relevant standards.
- 2 X 2 x 7M3 N2O cylinder manual manifold with good quality preset regulator.
- Should require minimum maintenance.
- **Manufacturer should be ISO and CE certified.**

9. Necessary Accessories:

- Good quality suction jars with vacuum regulators complete with overflow protection.
- Brass body flow meters with humidifiers.
- Pressure line adapter pins etc. to be supplied in adequate numbers.

Manufacturer should be ISO and CE certified.

10. Semi Automatic Control Panel (Oxygen & N2O):

- The control panel should be integrated with pressure gauges, regulators and control switching components which should be installed inside a cabinet to minimize tampering with regulators.
- The reserve bank should be manually adjusted once the running bank reached near exhaustion to minimize supervision and to offer stability and safety.
- Should have 3 stage audio and visual warning in case of an emergency and has a pressure outlet of around 4.2 kg/cm².

Manufacturer should be ISO and CE certified.

11. AIR COMPRESSOR WITH DRYER

Medical Air 4 bar & Surgical 7 Bar

The medical air system shall fully meet and comply with NHS Health Technical memorandum (HTM02-01)/ Medical quality air to the European Pharmacopoeia monograph shall be delivered at pressures of 800 kPa (8 bar) gauge for supply of the hospital medical or surgical air systems. The entire system shall be 'Duplex' such that any single functional component failure will not affect the integrity of the medical compressed air supply.

- a) No. of Compressors- 2 x 15 HP, Oil Free Reciprocating Compressors, with Simplex Medical Dryer along air purification system.
- b) Air Receiver's 1 x 500 Liters capacity vertical air receiver.

- **Medical Air Dryer**

Air Dryer Should be delivers a dew point of +2' c as mandated. the dry spell medical dryers operates with the principle of pressure swing adsorption ,hence removes more moisture than a refrigeration air dryers , and it delivers moisture free dry air consistently irrespective of flow variation .

Based on medical application critically ,the package comes with one working and one stand by dryers .So there is no need to stop the air dryers for maintenance ,Optional purge saving system saves purge air up to 60% for a typical hospital load 30 % to 40 %.Optional dew point and Co monitor enables to monitor dew point .

Operating Conditions:

Voltage: 100 - 240 VAC, 50/60Hz, 1ph

Power Consumption : 40 Watt Max

Maximum working pressure : 16 bar (g)

Minimum working pressure : 4 bar (g)

Rated inlet Temperature : 38°C

Rated inlet pressure : 7 bar(g)

CO Level: 10 PPM (Alarm set point) as per NFPA 99

Air Quality: 2 0C PDP (Alarm set point) as per NFPA 99 0.01 micron particle level. Cycle Time : 4 min Dewpoint dependent change over

Coalescing - Pre Filter

Fine Filter

Activated Carbon Filter

Bacterial Filter

Salient Features:-

- Guaranteed dew point performance
- Design simplicity
- No refrigerants used
- Purge saving & Dew point dependent control system
- Compact digital CO & Dew point Monitor /Alarm
- Air quality mandated by NFPA 99
- Bacterial Penetration up to 0.0001 %
- LED towers operation display indicating sequence of operation .

Air Receiver

Air receivers shall be supplied with relevant test certificates. Non Standard/Float type drain valves will not be acceptable. The receiver assembly shall be fitted with a pressure safety valve capable of passing the maximum flow output of the compressor at 10% receiver overpressure. The receiver shall be further protected by a safety pressure relief valve and include a pressure gauge.

12. MEDICAL VACUUM PLANT- 2011 LPM (Plant Output)

The medical vacuum system shall fully meet and comply with NHS Health Technical memorandum (HTM02-01). The Medical Vacuum System shall ensure the minimum pipeline vacuum level of 450mmHg is maintained at the plant service connection point at the rated volumetric 'free air' flow rate with two pumps in standby. The bacteria filtration system shall be 'duplexes' such that each filter can be isolated for replacement of the filter cartridge.

Vacuum pumps shall be suitable for both continuous and frequent start/stop operation at nominal inlet vacuum levels of between 578mmHg and 728mmHg. Composite carbon fibre rotor blades shall be fitted to minimize the cost of maintenance. Rotors shall be driven by directly coupled TEFV electric motors. Pump inlets shall include a wire mesh filter and integral non-return valve to prevent oil suck back and pressure increases in the vacuum system. Each vacuum pump shall have an integral separator filter to ensure a virtually oil-free exhaust. Each pump shall be fitted with anti-vibration pads between the pump foot and mounting frame.

a) No. of Vacuum Pumps- 2 x 10 Hp Oil Lubricated Rotary vane vacuum pumps with Duplex filtration system.

b) Vacuum Receiver's- 1 x 500Liters or more capacity vertical vacuum receiver. Vacuum receiver(s) shall be supplied with relevant test certificates and have a total volume of at least 100% of the plant output in 1 minute in terms of free air aspirated at normal working pressure.

ANEXURE-V

(To be submitted in Cover A -Technical Bid)
(Refer Clause No. 3.11)

(To be furnished in the letter head of the Auditor)

ANNUAL TURN OVER STATEMENT

The Annual Turnover for Equipment products of
M/s _____
who is a manufacturing unit / Importer (strike out whichever is not available) for the last
_____ years are given below and certified that the statement is true and correct.

Sl.No.	Year	Turnover in (Rs.)
2015 - 2016	-	
2016 - 2017	-	
2017 – 2018	-	

Average Annual Turnover (for the above three years) in
(Rs.) _____

Date:

Place:

Signature of Auditor/
Chartered Accountant
(Name in Capital)
Seal

Membership No.-

Registration No. of Firm

Note:

To be issued in the letter head of the Auditor.

Separate certificates should be furnished for different manufacturer in case the bidder is quoting products of different manufacturers.

ANNEXURE – VI

(Refer Clause No. 3.10)

(To be submitted in ***Cover A -Technical Bid***)

DETAILS OF THE TENDERER & LOCAL CONTACT PERSON

	Corporate Office (The address in which the purchase orders and payment details will be communicated)	Local Contact Person / Branch Office / Zonal Office / Service Centre if any, in Orissa.
Name & Full Address		
Telephone Nos., landline		
Mobile		
Fax		
E – Mail		
Date of Inception	Copy of Certificate of incorporation of Manufacturer)	
Manufacturing License Nos. & Date	Copy of manufacturing licence of Manufacturer)	
Name of the issuing authority		
License valid up to		

Signature of the Tenderer :
with seal
Date :
Official Seal :

ANNEXURE – VII

(Refer Clause No. 2.2(i))

(To be submitted in **Cover A -Technical Bid**)

MANUFACTURER’S AUTHORISATION FORMAT

To

The CDM& PHO, Malkangiri
Deptt. of Health & Family Welfare
Govt. of Odisha.

Ref: Tender No. _____ Dated _____ for _____.

Dear Sir,

We, ----- are the manufacturers of -----
(name of equipment(s) having factories at -----.

1. Messrs ----- (name and address of the agent) is our authorized agent for sale and service of ----- (name of equipment(s)
2. We confirm that Messrs. ----- (name of the above agent) is authorized to submit a tender and enter into a contract for the above goods manufactured by us.
3. We also extend our full guarantee / warranty and also full back-up support for AMC/CMC as required by the purchaser.

Yours faithfully,

(Signature with date, name and designation)

For and on behalf of Messrs -----

(Name & address of the manufacturers)

Seal

Note :

1. This letter should be on the **letterhead** of the **manufacturer** and should be signed by a person having the power of attorney to legally bind the manufacturer.
Original letter shall be attached to the technical bid.

ANNEXURE – X

(Refer clause no. 7.1.2)

AGREEMENT

THIS AGREEMENT IS MADE AT _____ THIS THE DAY OF _____ 2018

BETWEEN

Name of the Supplier with full address

Here in after called the “Supplier(s) _____” as 1st Party

AND

The **CHIEF DISTRICT MEDICAL AND PUBLIC HEALTH OFFICER, MALKANGIRI** (*name of the District*) **Health & F.W. Department**, Government of Odisha represented through the _____ / THE CONSIGNEE Hereinafter called the “PURCHASER” _____ as 2nd Party.

Relying on the documents and representation of facts connected to the issue of aforesaid parties to undertake the responsibilities of sell and purchase of following equipment(s) etc. with the terms & conditions hereinafter laid down.

And whereas the 2nd party “Purchaser(s)” is willing to purchase

Name of the Item:

Specifications: As per specifications laid down in the Tender terms & conditions

The Supplier(s) has agreed to sell the equipment(s) completed in all respects according to the Tender requirements and their / his offer dated _____ and the Supplier(s) has also agreed to install to make them operative at the destination mentioned in the Tender document with the following descriptions and their cost mentioned against each.

Description of goods:

Offered Price

Total

The price / cost of the item also include the followings in addition to above.

1. Insurance
2. Freight
3. Transportation
4. Customs duty / Excise duty
5. Charges for documents, instructions manual, tools
6. F.O.R. at the destinations mentioned in the consignee list
7. Training to doctors & technicians.
8. Maintenance of the system includes all accessories supplied and their spare parts required during comprehensive warranty period of two year at free of cost from the date of successful installation and satisfactory functioning of the system at the site.
9. Installation and commissioning of the system by the Supplier's engineer at site.
10. Any other charges including loading & unloading, packing & forwarding etc. will be paid by the Supplier(s) till the completion of the installation and turnkey job if any.

CMC cost for next 3 (three) years after the warranty period shall be paid after completion of the warranty period (on a yearly basis).

TERMS AND CONDITIONS:-

PRICE :

Only the price quoted by the Supplier(s) in his / their financial proposal will be the price for payment and no other price escalation will be allowed at any circumstances.

TERMS FOR PAYMENT:-

A. The payment(s) shall be made by purchaser in Indian currencies No advance payments towards cost of Instruments and Equipments etc. will be made to the tenderer. No payment will be made to the supplier, if he has not deposited the unconditional performance security in shape of State Bank of India demand draft amounting to 10% of the purchase order value which will be deposited in favour of **Chief District Medical and Public Health Officer payable at State Bank of India, Malkangiri** with the warranty for 1 year agreement to the consignee.

90% of the cost of the equipment (excluding CMC Cost)+100% turnkey +100% tax shall be released to the supplier on receipt of stock entry certificate and installation certificate (that it is working) from the consignee. The remaining ten percent (10%) will be released after satisfactory working certificate received from the consignee after 6 weeks of installation subject to submission of performance security (10% of P.O. Value). For this purpose the supplier will submit two bills, one 90% of the cost of the equipment+100% turnkey +100% tax and the other for the remaining ten percent (10%) of the cost of the equipment.

B. Before release of payment the supplier has to submit the signed agreement, warranty documents of equipment and turnkey job to the consignee. The undertaking as per Annexure – XI & XII will also be submitted to the consignee with photocopies to the purchaser.

C. The payment of CMC will be made on yearly basis after expiry of the warranty period and signing of the CMC agreement.

TURNKEY JOB:

The external power supply will be provided by the purchaser but the internal wiring and electrical fittings inside the room for installation & commissioning of the equipment and accessories will be provided by the supplier without any extra cost (This cost is to be included in the cost of turnkey).

UP-TIME BALANCE:

The Supplier (s) shall provide guarantee 95% uptime i.e. 41610 (95% of 43800 Hours) during comprehensive warranty period. The up time guarantee will be 95% as calculated here under i.e. 8322 hours per annum.

1 year – 365 days (24 working hours per day)

Total working time per annum – 365 days x 24 hrs = 8760 hrs.

Up time guarantee - 0.95 x 8760 hrs. = 8322 hrs. per annum.

Any uptime less that specified above will be compensated by the Supplier(s). The consignee shall maintain a log-book in the format provided by the Supplier(s) which will indicate usage of the equipment every day and for calculation of up-time.

DOWNTIME PENALTY CLAUSE:

During the Guarantee / warranty period, desired uptime will be 95% of 365 days (24 hour) if downtime exceeds 5%, penalty in the form of extended warranty, double the number of days for which the equipment goes out of service will be applied. The vendor must undertake to supply all spares for optimal upkeep of the equipment for ONE YEAR from the date of installation at the site. If accessories / other attachment of the system are procured from the third party, then the vendor must produce cost of accessory / other attachment and the CMC from the third party separately along with the main offer and the third party will have to sign the AMC with the consignee if required.

In no case equipment should remain in non-working condition for more than 2 working days.

The manufacturers or their agents are required to submit a certificate that they have satisfactory service arrangements and fully trained staff available to support the uptime guarantee.

COMPREHENSIVE MAINTENANCE CONTRACT:

The supplier will provide CMC for 3 (three) years after the completion of 1 year performance warranty period.

INSTALLATION AND DEMONSTRATION:

The installation and demonstration of the equipment shall be done by the Supplier(s) at free of cost at the installation site of the respective institutions.

TRAINING:

Supplier(s) shall impart adequate training to 2 doctors and 2 technicians at the site at the Supplier(s) cost.

PERT CHART:

Failure to stick to the pert chart will attract penal charges like forfeiture of performance security.

INCIDENTAL SERVICES:

The Supplier(s) shall abide by the terms and conditions under incidental services & the installation of Instrument / Equipment at the destination point (Door Delivery) of consignee and demonstrate the machine in working condition to the receiving authority.

Furnishing of tools required for assembly and / or maintenance of the supplied Instruments / Equipments.

Furnishing of detailed operations and maintenance manual literatures for each appropriate unit of supplied Goods.

Performance or supervision or maintenance and / or repair of the supplied Goods, for a period of One (1) year i.e. the warranty period, provided that this service shall not relieve the Supplier of any warranty obligations under this contract.

The successful supplier shall replace any part or whole system as may be necessary in the event of damage during transit or found damaged on arrival or during installation of the system or if found not in conformity to the specifications at his / their own cost.

The tenderer should furnish an undertaking to the effect that he / they should take responsibility after sales service of the equipments / instruments to be supplied by him / them and to provide spare parts for up keeping the Equipments / Instruments for a minimum period of 10 years from the date of installation.

The tenderers shall clearly mention the price of the instruments / equipments inclusive of warranty for a period of 1 (one) year commencing from the date of installation. The tenderers shall submit undertaking for C.M.C (Comprehensive Maintenance Cost) for a period of 3 (three) years from 2nd year onwards duly signed by authorized signatories for the execution at appropriate time (Annexure – XI & XII).

SPARE PARTS:

The supplier will provide all the spare parts, repairing & maintenance by its trained personnel after the warranty period (1 year) during the CMC period.

COMPREHENSIVE WARRANTY :

This warranty shall remain valid for one (1) year from the date of installation & commissioning of the machine / item & must be submitted at the time of installation to the consignee with a photocopy to the purchaser.

The warranty will cover all the parts of the machine or item and any replacement or repair required within the warranty period will be provided by the supplier free of cost at the destination point (Installation point). The supplier will take back the replaced parts / goods at the time of their replacement. No claim whatsoever shall be on the purchaser for the replaced parts / goods thereafter. No traveling allowances or transportation cost will be paid by the purchaser during warranty period.

The Supplier warrants that the Goods supplied under this contract are new, unused, of the most recent or current models and they incorporate all recent improvements in design and materials (even if the advanced facilities are not mentioned in our product specification). The Supplier further warrants that all Goods supplied under this contract shall have no defect arising from design, materials or workmanship (except when the design and / or material is required by the Purchaser's Specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the place of final destination.

The Purchaser / consignee shall promptly notify the Supplier in writing / Fax / Telephone of any claims arising under this warranty.

Upon receipt of such notice, the Supplier shall with all responsible speed will repair or replace the defective goods or parts thereof without cost to the purchaser to maintain its UP TIME offered in the beginning of purchase otherwise penal provisions shall apply if the supplier fails to keep up its UP TIME.

If the Supplier, having been notified, fails to remedy the defect(s) within 10 days, the Purchaser may proceed to take such remedial action as may be necessary, like forfeiture of EMD or recovery from security deposit the amount of loss (which will be decided by **Chief District Medical & Public Health Officer, Malkangiri** incurred by the purchaser.

GOVERNING LANGUAGE :

The contract shall be written in English language. English language version of the contract shall govern its interpretation. All correspondences and other documents pertaining to the contract which are exchanged by the parties shall be written in English.

DELIVERY OF DOCUMENT :

Four (4) copies of the Supplier invoice / bills showing purchase order number, good's description, quantity, unit price, total amount with stock entry certificate by the consignee.

Photocopy of the Insurance Certificate if any (The Original Certificate is to be given to the Consignee).

Attested Photocopy of Manufacturer's / Supplier's warranty certificate. (The original warranty certificate is to be submitted to the consignee at installation point).

INSURANCE :

For delivery of goods at site, the insurance shall be obtained by the Supplier(s) in an amount equal to 110% of the value of goods from "Warehouse" (final destination) on "All Risks" basis including natural calamities.

PACKAGING :

The supplier shall provide such packaging of the goods as is required to prevent their damage or deterioration during transit to their final destination. The packaging shall be sufficient to withstand without limitation rough handling during transit and exposure to extreme temperature, salt and precipitation during transit and upon storage. All primary packaging containers which come in contact with the item should strictly protect the quality and integrity of the Instruments & Equipments. Packing case size and weights should be taken into consideration, in case of remoteness of final destination and the absence of heavy handling facilities at all points in transit.

The packaging marking shall show the description of quantity of contents, the name of the consignee and address, the gross weight of the packages, the name of the supplier with a distinctive number of mark sufficient for purposes of identification. Each package shall contain:

- i. a packaging note quoting the name of the purchaser
- ii. the number and date of order
- iii. nomenclature of the goods
- iv. Schedule of parts for each complete equipment giving part number with reference to assembly.
- v. Name & address of the consignee
- vi. Name & address of the supplier.

TERMS OF CONTRACT :

The **Chief District Medical and Public Health Officer, Malkangiri** will be at liberty to terminate the contract either wholly or in part without assigning any reason. The tenderers will not entitled to any compensation whatsoever in such terminations.

PENALTIES :

If the successful tenderer fails to execute the agreement and / or deposit the required security within the time specified or withdraws his tender after acceptance of his tender owing to any other reasons, he is unable to undertake the contract, his contract will be cancelled and the Earnest Money Deposit deposited by him along with his tender shall

stand forfeited and he will also be liable for all damages sustained by the **Chief District Medical and Public Health Officer, Malkangiri** by reasons of such breach, such as failure to supply / delayed supply including the liability to pay any difference between the prices accepted by him and those ultimately paid for the procurement of the articles concerned. Such damages shall be assessed by the **Chief District Medical and Public Health Officer, Malkangiri** whose decision is final & binding in the matter.

If any articles or things supplied by the tenderer have been partially or wholly used or consumed after supply and are subsequently found to be in bad order, unsound, inferior in quality or description or are otherwise faulty or unfit for consumption / use & rusted then the contract price or prices of such articles on full will be recovered from the tenderer, if payment had already been made to him or the tenderer will not be entitled to any payment for that item & no further order will be given to him. For infringement of the stipulations of the contract or for other justifiable reasons, the contract may be terminated by the **Chief District Medical and Public Health Officer, Malkangiri** and the tenderer shall be liable for all losses sustained by the **Chief District Medical and Public Health Officer, Malkangiri** in consequence of the termination which may be recovered from the Security Deposit made by the tenderer or other money due or become due to him.

Supply of sub-standard items or non - performance of tender terms & conditions will disqualify a firm to participate in the tender for the next five years.

ARBITRATIONS :

In the event of any dispute out of the contract, such dispute should be subject to the Jurisdiction of the **Civil Court, District-Malkangiri** or **High Court, Orissa**.

CHANGE OF TERMS AND CONDITIONS :

Any amendment to the terms & conditions and clauses of the agreement if required must be done in writing duly signed by the two parties.

IN WITNESS WHERE OF the parties herein to have set and subscribed their respective hands the day and year first herein above written.

Executed by Purchaser (s) / Consignee

Executed by Supplier(s)

In presence of (Witness)

In presence of (Witness)

ANNEXURE – XI

(Tender Clause 11.1 & 11.3)

**WARRANTY / GUARANTEE /CMC UNDERTAKING
(to be submitted on Rs.50/- stamp paper)**

Tender ref. No. _____

Name of the equipment:

Date of Installation:

Name of the Consignee:

Name of the purchaser:

I / we / M/s _____ hereby declare that

- i. I / we do accept / Agree for the warranty / guarantee (1 year Warranty followed by 3 years CMC (Spares + Labour) as per this tender clause No. 11.1 to 11.3.
- ii. I / we will not charge / quote any extra price on account of the above said warranty / guarantee.
- iii. I / we do accept / agree to provide uptime guarantee 95% as per agreement in **Annexure-X**
- iv. The 1 year comprehensive warranty is valid from dt. _____ to dt. _____.
- v. The 3 year CMC is valid from dt. _____ to dt. _____.

Date:

Signature of the competent authority

Place:

on behalf of the company / firm.

N.B:-

- 1. To be attested by Notary Public
- 2. Only to be submitted by the approved supplier / tenderer to the consignee and a copy to the purchaser before release of payment.

ANNEXURE – XII

(Refer Clause No. 11.1 to 11.3 & 12.2)

UNDERTAKING

(to be submitted on Rs.50/- stamp paper)

Tender ref. No. _____

Name of the equipment:

Date of Installation:

Name of the Consignee:

Name of the purchaser:

Sir,

I / we _____ hereby declare that

1. I / we am / are the manufacturers / authorized agents / distributors of _____.
2. I / we do accept / agree for the all clauses including the warranty 1 years followed by 3 years CMC) and payment terms and conditions of this tender.
3. I / we do hereby confirm that the prices / rates quoted are fixed and are at par with the prices quoted by me / us to any other Govt. of India / Govt. of Orissa Hospitals / Medical Institutions. I / we also offer to supply the stores at the prices and rates not exceeding those mentioned in the price bid.
4. I / we agree to abide by my / our offer for a period of 365 days from the date of approval of the tender.
5. I / we have necessary infrastructure for the maintenance of the equipment and will provide all the accessories / spares as and when required.
6. I / we also declare that in case of change of Indian Agent or for any other change, merger, dissolution solvency etc. in the organization of our foreign principles, we would take care of the Guarantee / warranty / maintenance of the machinery / equipment and have provided written confirmation for the same.
7. I / we shall provide assistance to the consignee in clearance and delivery of store at consignee's stores / premises.
8. The demurrage / storage charges, if any, payable to the customs department, due to non-receipt of required documents in time by the hospital / delay due to incorrect entries, mistakes to the documents etc. shall be borne by me / us.
9. I / we have carefully read and understood all the terms and conditions of the tender and shall abide by them.
10. I / we undertake to get the equipment's repaired within 48 hours of receiving of the complaint from the indenting hospital / consignee failing which a penalty @ 1% of the cost may be recovered from the performance security before releasing the same to us after 1 year warranty period.

Signature of the witness

Name & address

