

**MINUTES OF TECHNICAL ADVISORY COMMITTEE FOR THE TECHNICAL EVALUATION OF BULK PURCHASE OF MEDICAL GASES FOR THE YEAR 2024-25.**

A meeting of Technical Advisory Committee for the Technical Evaluation of Bulk Purchase of Medical Gases for the year 2024-25 was held on 11-07-2024 in the office of Prof. Dr. Muhammad Shahid, Prof. of Pediatrics.

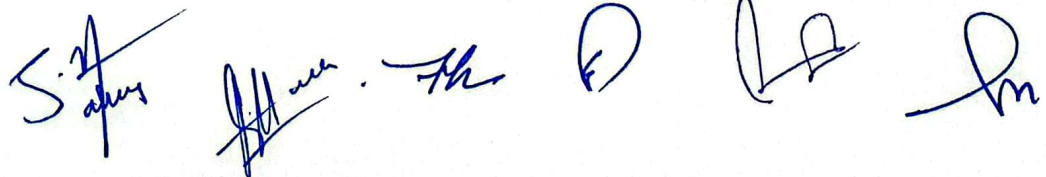
The Following officers attended the meeting:

- |   |                 |
|---|-----------------|
| 1. Prof. Dr. Muhammad Shahid, Prof. of Pediatrics         | <b>Chairman</b> |
| 2. Prof. Dr. Akif Dilshad, Prof. of Gastroenterology      | Member          |
| 3. Dr. Muhammad Shabbir Ahmed, Associate Prof. of Surgery | Member          |
| 4. Dr. Roomana Akhlaque, , Asst. Prof. of Plastic Surgery | Member          |
| 5. Dr. Zeeshan hadder, AMS Purchase                       | Member          |
| 6. DDC/ Pharmacist concerned                              | Member          |
| 7. End users concerned                                    | Member          |

Meeting was commenced with the name of Allah Almighty.

- The committee was informed that physical inspection of the participated firms was done by the inspection committee.
- The committee evaluated the firms as per criteria of the bidding documents as under;

| Sr. No | Subject   | Requirement  | M/s Ghani Chemical Industries | Multan Chemical industries | Pakistan Oxygen |
|--------|---|--|-------------------------------|----------------------------|-----------------|
| 1      | Nationality   | Registered office in Pakistan  | Complies                      | Complies                   | Complies        |
| 2      | Conflict of interest  | No Conflicts of interest with the bidding documents  | Complies                      | Complies                   | Complies        |
| 3      | Registration with FBR/PRA   | Copy of registration certificate/copy of NTN   | Complies                      | Complies                   | Complies        |
| 4      | Not blacklisted by any Government/agency/authority  | Affidavit by the firm for not to be blacklisted by any Government/agency/authority   | Complies                      | Complies                   | Complies        |
| 5      | Existence as legal Entity (Legal incorporation or establishment and registration under companies ordinance 1984). Registered as a company under partnership act 1932. | Registration Certificate   | Complies                      | Complies                   | Complies        |
| 6      | History of Non-Performing Contracts   | Non Performance of a contract did not occur within the last three years, prior to the deadline for application submission based on all information on fully settled dispute or litigation. | Complies                      | Complies                   | Complies        |
| 7      | Pending Litigation  | All pending litigation shall in total not represent more than 25 %, of the Applicant's net worth and shall be treated as resolved against the Applicant.                                   | Complies                      | Complies                   | Complies        |
| 8      | Financial Statements  | Financial Statements shall be submitted for last 3 financial years of the firm. (or since inspection in case firm was established during last 3 years )                                    | Complies                      | Complies                   | Complies        |
| 9      | Financial Qualification   | Annual Revenue should not be less than 100 Million PKR for last 3 years. Revenue will be validated through Audited Financial Statement & FBR returns                                       | Complies                      | Complies                   | Complies        |

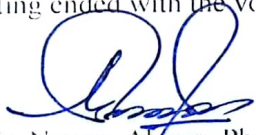



|    |  |   |          |   |          |
|----|--|---|----------|---|----------|
| 10 | Experience of Providing service of similar nature                            | Participation as suppliers of medical gases of demanded gases and quantity in last 5 years (including both ongoing and completed projects).   | Complies | Complies except Liquid Gases (Oxygen, Nitrogen, Argon, Co2) | Complies |
| 11 | Managers   | Number of technical/managerial resources working as full-time employees   | Complies | Complies  | Complies |
| 12 | Graduate Engineers/Technologist/Sub Engineers                                | Number of Graduate Engineers of firm (The firm should have suitable number of engineers and technical staff, according to its production capacity)  | Complies | Complies  | Complies |
| 13 | Plant Production Capability  | Firm Shall explain its production capability, should be matched with the selected number of hospital requirement  | Complies | Complies  | Complies |
| 14 | Standards of Production/ Manufacturing                                       | Firm Shall explain the standards being followed by them for productions   | Complies | Complies  | Complies |
| 15 | Plant/Production Facility Evaluation   | 1. Checking installation of online analyzers with control to plant shut off in case of low product quality<br>2. Checking Analyzer Calibration Mechanism<br>3. Checking Pharma-co-vigilance mechanism devised to control record and report impurities as pharmacopeia in plant storage  | Complies | Complies  | Complies |
| 16 | Logistics/Distribution of Product Evaluation                                 | 1. Evaluation of product carrying Capacity, the total capacity for carrying medical gases will be evaluated with respect to total monthly requirement of hospitals for medical gases included in prequalification.<br>2. Pre and post tanker filling quality check mechanism (Certificate of conformity) to ensure delivery of quality medical gases to storage at customer end.<br>3. Transport tracking facility for reliable supply scheduling and tracking.   | Complies | Complies  | Complies |
| 17 | On site Customer Site's installation of storage for Medical Gases Evaluation | 1. Assessment of safety measures/ mechanism, company adheres to for ensuring safe operations of equipment deployed.<br>2. Current Customer installation or future compliance to ITM, with minimum requirement for following:<br>a. Correctly/right sized VIE.<br>b. Vaporizer of appropriate/ respective size to VIE size.<br>c. The VIE control equipment to control the pressure and flow of gas to the pipeline.<br>d. Alarm System for VIE content, VIE low and high pressure, Line low and high Pressure.<br>3. Preventive Maintenance Mechanism for installation at customer site to ensure consistent product quality storage. | Complies | Complies  | Complies |
| 18 | License from Explosive Department  | License from exclusive department for filling of cylinders and storage of liquefied gases   | Complies | Complies  | Complies |
| 19 | Third party analysis report  | Analysis report for the quoted items from third party (last 2 years)  | Complies | Complies  | Complies |
| 20 | Affidavit for human use  | Affidavit regarding use of medical gases fit for human use  | Complies | Complies  | Complies |


Following is the detail of quoted items by the firms;


| Sr.    | Description  | Ghani chemical Industries Ltd. | Multan Chemicals Ltd.                              | Pakistan Oxygen Ltd. |
|--------|--|--------------------------------|--|----------------------|
| 1      | Oxygen Gas 240 cft.(MM)  | Responsive                     | Responsive   | Responsive           |
| 2      | Oxygen Gas 96 cft. (MJ)  | Responsive                     | Responsive   | Responsive           |
| 3      | Oxygen Gas 48 cft. (MF)  | Responsive                     | Responsive   | Responsive           |
| 4      | Oxygen Gas 24 cft. (ME)  | Responsive                     | Responsive   | Responsive           |
| 5      | Nitrous Oxide Gas 1620 Ltr. (XE)   | Not Quoted                     | <b>Non Responsive</b><br>(Distributor not allowed) | Responsive           |
| 6      | Nitrogen Gas 6.229 M3 Large NM   | Responsive                     | Responsive   | Responsive           |
| 7      | Liquid Nitrogen Gas (Ltr.)   | Responsive                     | <b>Non Responsive</b><br>(Less experience)         | Responsive           |
| 8      | Carbon Dioxide Gas (Per Kg)  | Not Quoted                     | Non Responsive<br>(Distributor not allowed)        | Responsive           |
| 9      | Argon Gas 240 cft  | Responsive                     | <b>Non Responsive</b><br>(Less experience)         | Responsive           |
| 10     | Liquid Medical Oxygen per m <sup>3</sup>   | Responsive                     | <b>Non Responsive</b><br>(Less experience)         | Responsive           |
| 11     | Delivery Charges per m <sup>3</sup> (if any)   | Responsive                     | -  | Responsive           |
| 12     | VII: Tank Rent per month<br>(Minimum Liquid Oxygen Tank Capacity 10000m <sup>3</sup> ) | Responsive                     | -  | Responsive           |
| S. No. | CYLINDER REPAIR & MAINTENANCE  |                                |  |                      |
| 1      | Replacement of Cylinder Valve (All Type of cylinders)                                  | Responsive                     | Responsive   | Responsive           |
| 2      | Hydraulic Testing (All Type of cylinders)  | Responsive                     | Responsive   | Responsive           |
| 3      | Drying out (All Type of cylinders)   | Responsive                     | Responsive   | Responsive           |
| 4      | Spindle Replacement (All Type of cylinders)  | Responsive                     | Responsive   | Responsive           |
| 5      | Painting of Cylinders (All Type of cylinders)  | Responsive                     | Responsive   | Responsive           |

Meeting ended with the vote of thanks to the chair;

  
Mr. Noman Akram, Pharmacist  
(member of inspection committee)


  
Dr. Zeeshan Hadder  
AMS Purchase


  
Bio Medical Engineer  
(member of inspection committee)

  
Dr. Roomana Akhlaque,  
Asst. Prof. of Plastic Surgery

Prof. Dr. Jodat Saleem  
Prof. of Anesthesia  
(member of inspection committee)

Dr. Muhammad Shabbir Ahmed,  
Associate Prof. of Surgery

  
Prof. Dr. Akif Dilshad,  
Prof. of Gastroenterology

  
Prof. Dr. Muhammad Shahid,  
Prof. of Pediatrics  
(Chairman Committee)

**BID EVALUATION CRITERIA FOR MEDICAL GASES FOR THE FINANCIAL YEAR 2024-25****Name of Firm: M/s Pakistan Oxygen limited**

| Sr. No | Subject   | Requirement  | Remarks |
|--------|---|--|---------|
| 1      | Nationality   | Registered office in Pakistan  | OK      |
| 2      | Conflict of Interest  | No Conflicts of interest with the bidding documents  | OK      |
| 3      | Registration with FBR/PRA   | Copy of registration certificate/copy of NTN   | OK      |
| 4      | Not blacklisted by any Government/agency/authority  | Affidavit by the firm for not to be blacklisted by any Government/agency/authority   | OK      |
| 5      | Existence as legal Entity (Legal incorporation or establishment and registration under companies ordinance 1984)/Registered as a company under partnership act 1932 | Registration Certificate   | OK      |
| 6      | History of Non-Performing Contracts   | Non Performance of a contract did not occur within the last three years, prior to the deadline for application submission based on all information on fully settled dispute or litigation.   | OK      |
| 7      | Pending Litigation  | All pending litigation shall in total not represent more than 25 % of the Applicant's net worth and shall be treated as resolved against the Applicant.  | OK      |
| 8      | Financial Statements  | Financial Statements shall be submitted for last 3 financial years of the firm. (or since inspection incase firm was established during last 3 years )   | OK      |
| 9      | Financial Qualification   | Annual Revenue should not be less than 100 Million PKR for last 3 years. Revenue will be validated through Audited Financial Statement & FBR returns   | OK      |
| 10     | Experience of Providing service of similar nature   | Participation as suppliers of medical gases of demanded gases and quantity in last 5 years (including both ongoing and completed projects).  | OK      |
| 11     | Managers  | Number of technical/managerial resources working as full-time employees  | OK      |
| 12     | Graduate Engineers/Technologist/Sub Engineers   | Number of Graduate Engineers of firm (The firm should have suitable number of engineers and technical staff, according to its production capacity)   | OK      |
| 13     | Plant Production Capability   | Firm Shall explain its production capability, should be matched with the selected number of hospital requirement   | OK      |
| 14     | Standards of Production/ Manufacturing  | Firm Shall explain the standards being followed by them for productions  | OK      |
| 15     | Plant/Production Facility Evaluation  | 1. Checking installation of online analyzers with control to plant shut off in case of low product quality<br>2. Checking Analyzer Calibration Mechanism<br>3. Checking Pharma-co-vigilance mechanism devised to control record and report impurities as pharmacopeia in plant storage   | OK      |
| 16     | Logistics/Distribution of Product Evaluation  | 1. Evaluation of product carrying Capacity, the total capacity for carrying medical gases will be evaluated with respect to total monthly requirement of hospitals for medical gases included in prequalification.<br>2. Pre and post tanker filling quality check mechanism (Certificate of conformity) to ensure delivery of quality medical gases to storage at customer end.<br>3. Transport tracking facility for reliable supply scheduling and tracking.  | OK      |
| 17     | On site Customer Site's installation of storage for Medical Gases Evaluation  | 1. Assessment of safety measures/ mechanism, company adheres to for ensuring safe operations of equipment deployed.<br>2. Current Customer installation or future compliance to HTM, with minimum requirement for following:<br>a. Correctly/right sized VIE.<br>b. Vaporizer of appropriate/ respective size to VIE size.<br>c. The VIE control equipment to control the pressure and flow of gas to the pipeline.<br>d. Alarm System for VIE content, VIE low and high pressure, Line low and high Pressure<br>3. Preventive Maintenance Mechanism for installation at customer site to ensure consistent product quality storage. | OK      |
| 18     | License from Explosive Department   | License from exclusive department for filling of cylinders and storage of liquefied gases  | OK      |
| 19     | Third party analysis report   | Analysis report for the quoted items from third party (last 2 years)   | OK      |
| 20     | Affidavit for human use   | Affidavit regarding use of medical gases fit for human use   | OK      |

Remarks: **Responsive**

## BID EVALUATION CRITERIA FOR MEDICAL GASES FOR THE FINANCIAL YEAR 2024-25

**Name of Firm: M/s Ghani Chemical Industries Limited**

| Sr. No | Subject   | Requirement   | Remarks |
|--------|---|---|---------|
| 1      | Nationality   | Registered office in Pakistan   | OK      |
| 2      | Conflict of Interest  | No Conflicts of interest with the bidding documents   | OK      |
| 3      | Registration with FBR/PRA   | Copy of registration certificate/copy of NTN  | OK      |
| 4      | Not blacklisted by any Government/agency/authority  | Affidavit by the firm for not to be blacklisted by any Government/agency/authority  | OK      |
| 5      | Existence as legal Entity (Legal incorporation or establishment and registration under companies ordinance 1984)/Registered as a company under partnership act 1932 | Registration Certificate  | OK      |
| 6      | History of Non-Performing Contracts   | Non Performance of a contract did not occur within the last three years prior to the deadline for application submission based on all information on fully settled dispute or litigation.   | OK      |
| 7      | Pending Litigation  | All pending litigation shall in total not represent more than 25 % of the Applicant's net worth and shall be treated as resolved against the Applicant.   | OK      |
| 8      | Financial Statements  | Financial Statements shall be submitted for last 3 financial years of the firm. (or since inspection incase firm was established during last 3 years )  | OK      |
| 9      | Financial Qualification   | Annual Revenue should not be less than 100 Million PKR for last 3 years. Revenue will be validated through Audited Financial Statement & FBR returns  | OK      |
| 10     | Experience of Providing service of similar nature   | Participation as suppliers of medical gases of demanded gases and quantity in last 5 years (including both ongoing and completed projects).   | OK      |
| 11     | Managers  | Number of technical/managerial resources working as full-time employees   | OK      |
| 12     | Graduate Engineers/Technologist/Sub Engineers   | Number of Graduate Engineers of firm (The firm should have suitable number of engineers and technical staff, according to its production capacity)  | OK      |
| 13     | Plant Production Capability   | Firm Shall explain its production capability, should be matched with the selected number of hospital requirement  | OK      |
| 14     | Standards of Production/ Manufacturing  | Firm Shall explain the standards being followed by them for productions   | OK      |
| 15     | Plant/Production Facility Evaluation  | 1. Checking installation of online analyzers with control to plant shut off in case of low product quality<br>2. Checking Analyzer Calibration Mechanism<br>3. Checking Pharma-co-vigilance mechanism devised to control record and report impurities as pharmacopeia in plant storage  | OK      |
| 16     | Logistics/Distribution of Product Evaluation  | 1. Evaluation of product carrying Capacity, the total capacity for carrying medical gases will be evaluated with respect to total monthly requirement of hospitals for medical gases included in prequalification.<br>2. Pre and post tanker filling quality check mechanism (Certificate of conformity) to ensure delivery of quality medical gases to storage at customer end.<br>3. Transport tracking facility for reliable supply scheduling and tracking.   | OK      |
| 17     | On site Customer Site's installation of storage for Medical Gases Evaluation  | 1. Assessment of safety measures/ mechanism, company adheres to for ensuring safe operations of equipment deployed.<br>2. Current Customer installation or future compliance to HTM, with minimum requirement for following:<br>a. Correctly/right sized VIE.<br>b. Vaporizer of appropriate/ respective size to VIE size.<br>c. The VIE control equipment to control the pressure and flow of gas to the pipeline.<br>d. Alarm System for VIE content, VIE low and high pressure, Line low and high Pressure.<br>3. Preventive Maintenance Mechanism for installation at customer site to ensure consistent product quality storage. | OK      |
| 18     | License from Explosive Department   | License from explosive department for filling of cylinders and storage of liquefied gases   | OK      |
| 19     | Third party analysis report   | Analysis report for the quoted items from third party (last 2 years)  | OK      |
| 20     | Affidavit for human use   | Affidavit regarding use of medical gases fit for human use  | OK      |

Remarks: Responsive

## BID EVALUATION CRITERIA FOR MEDICAL GASES FOR THE FINANCIAL YEAR 2024-25

Name of Firm: M/s Multan Chemical

| Sr. No | Subject   | Requirement   | Remarks   |
|--------|---|---|---|
| 1      | Nationality   | Registered office in Pakistan   | OK  |
| 2      | Conflict of Interest  | No Conflicts of interest with the bidding documents   | OK  |
| 3      | Registration with FBR/PRA   | Copy of registration certificate/copy of NTN  | OK  |
| 4      | Not blacklisted by any Government/agency/authority  | Affidavit by the firm for not to be blacklisted by any Government/agency/authority  | OK  |
| 5      | Existence as legal Entity (Legal incorporation or establishment and registration under companies ordinance 1984)/Registered as a company under partnership act 1932 | Registration Certificate  | OK  |
| 6      | History of Non-Performing Contracts   | Non Performance of a contract did not occur within the last three years, prior to the deadline for application submission based on all information on fully settled dispute or litigation.  | OK  |
| 7      | Pending Litigation  | All pending litigation shall in total not represent more than 25 %, of the Applicant's net worth and shall be treated as resolved against the Applicant.  | OK  |
| 8      | Financial Statements  | Financial Statements shall be submitted for last 3 financial years of the firm. (or since inspection incase firm was established during last 3 years )  | OK  |
| 9      | Financial Qualification   | Annual Revenue should not be less than 100 Million PKR for last 3 years. Revenue will be validated through Audited Financial Statement & FBR returns  | OK  |
| 10     | Experience of Providing service of similar nature   | Participation as suppliers of medical gases of demanded gases and quantity in last 5 years (including both ongoing and completed projects).   | Complies except Liquid Gases (Oxygen, Nitrogen, Argon, Co2) |
| 11     | Managers  | Number of technical/managerial resources working as full-time employees   | OK  |
| 12     | Graduate Engineers/Technologist/Sub Engineers   | Number of Graduate Engineers of firm (The firm should have suitable number of engineers and technical staff, according to its production capacity)  | OK  |
| 13     | Plant Production Capability   | Firm Shall explain its production capability, should be matched with the selected number of hospital requirement  | OK  |
| 14     | Standards of Production/ Manufacturing  | Firm Shall explain the standards being followed by them for productions   | OK  |
| 15     | Plant/Production Facility Evaluation  | 1. Checking installation of online analyzers with control to plant shut off in case of low product quality<br>2. Checking Analyzer Calibration Mechanism<br>3. Checking Pharma-co-vigilance mechanism devised to control record and report impurities as pharmacopeia in plant storage  | OK  |
| 16     | Logistics/Distribution of Product Evaluation  | 1. Evaluation of product carrying Capacity, the total capacity for carrying medical gases will be evaluated with respect to total monthly requirement of hospitals for medical gases included in prequalification.<br>2. Pre and post tanker filling quality check mechanism (Certificate of conformity) to ensure delivery of quality medical gases to storage at customer end.<br>3. Transport tracking facility for reliable supply scheduling and tracking.   | OK  |
| 17     | On site Customer Site's installation of storage for Medical Gases Evaluation  | 1. Assessment of safety measures/ mechanism, company adheres to for ensuring safe operations of equipment deployed.<br>2. Current Customer installation or future compliance to HTM, with minimum requirement for following:<br>a. Correctly/right sized VIE.<br>b. Vaporizer of appropriate/ respective size to VIE size.<br>c. The VIE control equipment to control the pressure and flow of gas to the pipeline.<br>d. Alarm System for VIE content, VIE low and high pressure, Line low and high Pressure.<br>3. Preventive Maintenance Mechanism for installation at customer site to ensure consistent product quality storage. | OK  |
| 18     | License from Explosive Department   | License from exclusive department for filling of cylinders and storage of liquefied gases   | OK  |
| 19     | Third party analysis report   | Analysis report for the quoted items from third party (last 2 years)  | OK  |
| 20     | Affidavit for human use   | Affidavit regarding use of medical gases fit for human use  | OK  |

Remarks: Responsive