



**The Children's Hospital,
University of Child Health Sciences**
Ferozpur Road, Lahore Phone # (92)(42) 99230901-23 Fax # 99231560



No. P.C./ 17353 /CH&UCHS

Dated 05-04-2024, 2024


To

Mr. Abdul Wahab
I/C Programmer (I.T.) Health Department,
Civil Secretariat, Lahore.

Subject: - **REQUEST FOR UPLOADING THE MINUTES OF TECHNICAL
ADVISORY COMMITTEE (TAC) MEETING REGARDING THE
FRAMEWORK CONTRACT FOR MEDICAL GASES**

Please find enclosed herewith Minutes of Technical Advisory Committee (TAC) meeting regarding the **Framework Contract for Medical Gases** for The Children's Hospital & University of Child Health Sciences, Lahore for the year 2023-2024 & 2024-2025 needs to be uploaded on the Health Department website.

Your early response will be highly appreciated.


PROF. DR. TIPU SULTAN
MBBS, FCPS, M.Sc (UK), (FRCPC (LONDON))
Prof. of Paediatric Neurology
& Medical Director

MINUTES OF TECHNICAL ADVISORY COMMITTEE (TAC) MEETING REGARDING FRAMEWORK CONTRACT FOR MEDICAL GASES HELD ON 30-03-2024 AT 10:00 A.M. IN THE CONFERENCE ROOM OF THE ADMIN BLOCK THE CHILDREN'S HOSPITAL, UCHS LAHORE FOR THE YEAR 2023-24 & 2024-2025

Reference Bid No. No. PC-8400-CH&UCHS dated 15-02-2024 In pursuance of letter No. 14911-24/CH&UCHS dated 26-03-2024 Technical Advisory Committee (TAC) meeting regarding the Framework Contract for Medical Gases for the year 2023-2024 & 2024-2025.

Following officers attend the meeting:-

1.	Dr. Junaid Rashid (Chairman) Prof. of Paediatric Medicine/ Department of Paediatric Medicine	2.	Dr. Syed Muhammad Javed Iqbal (Member) Prof. of Paediatric Medicine
3.	Dr. Uzma Kazmi (Member) Professor of Paediatric Cardiology	4.	Dr. Farah Haroon (Member) Associate Prof. Neonatology
5.	Dr. Sarfraz Ahmad (Member) Associate Prof. Paediatric PM&R	6.	Dr. Nazish Saqlan (Member) Associate Prof. of Pathology Department
7.	Dr. Zia ur Rehman (Member) Associate Prof. of Peads Neurology	8.	Dr. Muhammad Bilal Mirza (Member) Associate Prof. of Pead Surgery
9.	Dr. Mumtaz Hussain (Member) Assistant Professor Paediatric Orthopedic Surgery	10.	Dr. Muhammad Zeeshan Khan (Member) Assistant Professor Paediatric Medicine
11.	Dr. Faeza Hasnain (Member) Drug Controller / Chief Pharmacist	12.	Dr. Syed Ali Abu Zar (Member / Enduser) AMS (Coordination)
13.	Muhammad Riaz Shahid (Member) Incharge Pay Roll Section	14.	Engr. Shujaat Ali (Member) Bio Medical Engineer/ Technical Officer

PROCEEDINGS

Meeting started with the name of Almighty Allah the Most Gracious, the Most Merciful. The chairman welcomed the participants including representatives of the Firms.

Purchase Officer briefed the Committee regarding the evaluation criteria of Framework Contract for Medical Gases mentioned in the bidding document.

All the Committee Members & End-users Scrutinized / Evaluated the technical bid submitted by the M/s Pakistan Oxygen Ltd. as per evaluation criteria and by all the members of (TAC) Committee Members & Endusers unanimously and made following decision

1. MEDICAL GASES

Sr. No.	Subject	Requirement	M/s Pakistan Oxygen
1	Nationality	Register Office in Pakistan	Compliance
2	Conflict of interest	No Conflicts of interest in ITA Sub-Clause 4.3	Compliance
3	Registration with FBR/PRA	Copy registration certificate/copy of NTN	Compliance

Handwritten signatures and initials of the committee members and end-users, including names like 'M. Iqbal' and 'Dr. Javed Iqbal'.



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Sr. No.	Subject	Requirement	M/s Pakistan Oxygen
4	Bid Security	bid security of an amount of Rs. 1,506,794/- be deposited as an Irrevocable Bank Guarantee preferably / CDR Call at Deposit in the name of Medical Director	Attached
	a). Bid Validity	Bids shall remain valid for the period of Six (06) Months after the date of opening of Technical Bid, prescribed by the Procuring Agency.	Compliance
	b). Not Black List in any Government / agency / authority	Not Black List in any Government/agency/authority	Attached
5	Existence as legal Entity/Registered as a company under partnership act 1932	Registration Certificate	1984
6	Past performance	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. A fully settled dispute or litigation is one that has been resolved in accordance with the Dispute Resolution Mechanism under the respective contract, and where all appeal instances available to the applicant have been exhausted.	Compliance
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.	No
8	Financial statement	Financial Statements shall be submitted for last 3 financial years of the firm. (or since inception in case firm was established during last 3 years)	Yes
9	Financial Qualification <100 million for 3 year		Compliance
10	Experience of Providing service of similar nature	Participation as supplies of medical gases to similar nature and size in last 5 years (including both ongoing and completed projects). The similarity shall be based on physical size, complexity, methods/technology or other characteristics as described in Section V, Scope of Services. The total value of these projects should be atleast 100 Million PKR.	Compliance
11	Managers not less than 2	Number of technical/managerial resources working as full-time employees payroll of firm (minimum managerial staff should be 2)	Compliance
12	Graduate Engineer/Technologist/Sub Engineers	Number of Graduate Engineers on payroll of firm (The firm should have suitable number of engineers and technical staff, according to its production capacity)	Compliance
13	Plant production capability	Firm shall explain its production capability, should be matched with the selected number of Hospital requirement.	Compliance
14	standard production/Manufacturing	Firm shall explain the standards being followed by them for productions.	Compliance

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Sr. No.	Subject	Requirement	M/s Pakistan Oxygen
15	Plant production facility Evaluation	1. Checking installation of online analyzers with control to plant shut off in case of low product quality.	Installed
		2. Checking analyzer calibration mechanism.	Compliance (3rd Party)
		3. Checking Pharmaco vigilance mechanism devised to control record and report impurities as pharmacopeia in plant storage.	Compliance
16	Logistics/Distribution of product Evaluation	1. Evaluation of product carrying Capacity, the total capacity for carrying medical gases will be evaluation with respect to total monthly requirement of Hospitals for medical gases included in prequalification.	Compliance
		2. Pre and post tanker filling quality check mechanism (Certificate of conformity) to ensure delivery of quality medical gases to storage at customer end.	Compliance
		3. Transport tracking facility for reliable supply scheduling and tracking.	Compliance
17	On site Customer site's installation of storage for medical gases evaluation	1. Assessment of safety measure /Mechanism company, adhere to for ensuring safe operations of equipment deployed.	Compliance
		2. Current Customer installation or future compliance to HTM, with minimum requirement for following.	Compliance
		a. Correctly/right sized VIE. b. Vaporizer of appropriate/ respective size to VIE size. c. The VIE control equipment to control the pressure and flow of gas to the pipeline. d. Alarm system for VIE content, VIE low and high pressure, Line low and high Pressure.	
		3. Preventive Maintenance Mechanism for installation at customer site to ensure consistent product quality storage.	Compliance
18.	Medical Gases	1. Liquid Medical Oxygen to be filled in VIE 2. Compress Medical Oxygen in Cylinders of different sizes 3. Nitrous Oxide in Cylinders of different sizes 4. Liquid Nitrogen Gas in containers. 5. Compressed Nitrogen Gas in Cylinders 6. Carbon Dioxide Gas in cylinders 7. Medical Air (CF)	Compliance
19.	Product Specification	Firm shall supply medical gases as per Eu Pharmacopeia standard; following documents are required for respective gases. 1. Medical Oxygen: Certificate of Conformity 2. Nitrous Oxide: Certificate of Analysis 3. Nitrogen: Certificate of Conformity 4. Medical Air (CF)	Compliance

Sr. No.	Subject	Requirement	M/s Pakistan Oxygen
20.	Hardware to Install	a. VIE Tank adequately sized as per HTM, with thumb rule to have minimum 3 rd day supply. The number of VIEs for CH&UCHS Lahore will be by Hospital management. For any incremental VIE requirement during supply contract period within CH&UCHS Lahore, firm shall be bound to provide.	Attached
		b. Ambient vaporizer sized respected to VIE.	Attached
		c. The VIE control equipment to control the pressure and flow of gas to the pipeline must be regulated by installing medical grade Duplex Pressure regulation unit. This unit must be capable of regulating low pressure and high flow of 4000 lit/min to avoid any pressure drops in the farthest area of the hospital.	Attached
		d. The VIE and vaporizer system must be equipped with independent, audible vessel content level and pressure alarms to capture & alerts low level and low/high pressure at all times.	Attached
		e. Fully digital /computerized system for monitoring of the Liquid oxygen contents in the tanks with data transmission capability to the firms computerized data base Surveillance system for Scheduling purposes and arranging emergency supplies in case of emergency.	Attached
		f. Digital Content Meter to be installed at each VIE tanks site to co relate it with analog content gauge of the VIE Tank.	Attached
		g. Supplying Firm will be bound to certify VIE system installation by a qualified authorized person (Medical Gas Pipeline System) as per HTM standard. Certification documents to be provided together with tender documents.	Attached
21.	For Gases in Cylinders	<ol style="list-style-type: none"> 1. The successful firm must have its own compression station for gases compliant to international standard. 2. The successful firm will be responsible to coordinate with Hospital and arrange supply through their own vehicle. 3. The Supplying firm will make sure that all the cylinders go through a hydraulic testing before the required gas is filled. 4. The supplying firm will make assure that the quality and quantity of the gas supplied in cylinder is according to the required medical standards i.e. EU pharmacopeia. 5. The Firm, supplying gases in cylinders, will issue certification/labeling for each supplied cylinders. 	Attached

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Sr. No.	Subject	Requirement	M/s Pakistan Oxygen
22.	Delivery & Product Measurement Mechanism	1. Wight Bridge. Weight of truck before supply and after supply will be taken and difference of both weighs will be calculated for delivered product quantity. 2. Delivery through content gauge, VIE's digital content gauge will be used for product delivery quantity incase weigh bridge is not available.	Attached
Technical Status			Responsive

Engr. Shujaat Ali
Bio Medical Engineer/ Technical Officer

Muhammad Aiaz Shahid
Incharge Pay Roll Section

Dr. Syed Ali Abu Zar
(Member/Enduser)
AMS (Coordination)

Dr. Faeza Hasnain
Drug Controller / Chief Pharmacist

Dr. Muhammad Zeeshan Khan
Professor Paediatric Medicine

Dr. Mumtaz Hussain
Assistant Professor Paediatric
Orthopedic Surgery

DR MUHAMMAD ABDULLAH
Assistant Professor
paediatric surgery.

Dr. Muhammad Bilal Mirza
Associate Prof. of Pead Surgery

Dr. Zia ur Rehman
Associate Prof. of Heads Neurology

Dr. Nazish Saqlan
Associate Prof. of Pathology
Department

Dr. Sarfraz Ahmad
Associate Prof. Peadiatric PM&R

Dr. Farah Haroon
Prof. Neonatology

Dr. Uzma Kazmi
Professor of Paediatric Cardiology

Dr. Syed Muhammad Javed Iqbal
Prof. of Paediatric Medicine

Dr. Junaid Rashid
(Chairman)
Prof. of Paediatric Medicine /
Pro-Vice Chancellor, UCHS

Submitted for information and approval please

Medical Director