



بسم الله الرحمن الرحيم

G.H.Q JORDAN ARMED FORCES  
DIRECTORATE  
ROYAL MEDICAL SERVICE  
CENTRAL PROCURMENT BRANCH



القيادة العامة للقوات المسلحة الأردنية  
مديرية الخدمات الطبية الملكية  
شعبة المشتريات المركزية

الرقم : ش م / ف / ٢٠٢٤ / مراكز طبية /  
التاريخ : ربيع اول / ١٤٤٦  
٨ أيلول / ٢٠٢٤

5534339

السادة : المناقصون  
فاكس :  
الموضوع : الاستفسارات

تحية وبعد،،،

الإشارة :

- العطاء : ش م / ف / ٢٠٢٤ / مراكز طبية (استحداث غرفة الغازات الطبية في مركز طبي القويرة العسكري)

١. رداً على ما جاء في كتاب الاستفسار للعطاء اعلاه :

أ- البند رقم (١) و رقم (٢): بخصوص طلب الشركة تعديل المواصفة من (Pin indexed tailpipes) إلى (Pull nose tailpipes)، يرجى اعتماد مواصفة كودة ال (HTM) بهذا الخصوص و بما يتوافق مع إسطوانات الغازات الطبية المستخدمة في المستشفيات و المراكز الطبية التابعة لمديرية الخدمات الطبية الملكية.

ب- البند رقم (٣): في ما يتعلق في (WALL MOUNTED EXHAUST FAN) يرجى الإلتزام بالمواصفة المطلوبة في العطاء.

ج- البند رقم (٤):

Supplier has to present a warranty based on system's country of origin (parts & assembly).

• بما يخص هذه العبارة المقصود منها واضح، وهو تقديم كفالة من المورد للمنظومة مدعمة بكفالة من الشركة الصانعة بالإضافة إلى شهادة منشأ.

وتفضلوا بقبول فائق الاحترام

ع/ العميد الطبيب

مدير عام الخدمات الطبية الملكية

القسم الصيدلانية  
شعبة المشتريات المركزية

# شعبة صيانة المستشفيات العسكرية



غرفة الغازات الطبية

**(Medical Gas Room)**

مركز طبي القويرة العسكري

١٠٠٠

١٠٠٠

## بنود أعمال الغازات الطبية

السعر الإجمالي	السعر الافرادي	الكمية	الوحدة	وصف البند	الرقم
		1	عدد	<p><b><u>Fully Automatic Manifold of O2</u></b></p> <ul style="list-style-type: none"> <li>• Supply &amp; Installation, Connected &amp; Decoration, Testing &amp; Commissioning of the Fully Automatic Manifold of O2 (Digital type) shall conform to the United Kingdom Department of Health (DoH) Health Technical Memorandum HTM02-01, HTM2022, NHS Model Engineering Specification and EN ISO7396-1.</li> <li>• The connected of the Fully Automatic Manifold of O2 with all required accessories, also the (installation and connection) must conform to HTM code.</li> <li>• The entire system shall be as a minimum "duplexed" such that any single functional component failure will not affect the integrity of the O2 gas supply.</li> <li>• Fully Automatic Manifold of O2 provides a continuous supply of O2 gas from two banks of cylinders to the O2 gas pipeline system by changing from the duty bank to the standby bank automatically when the duty bank has become depleted.</li> <li>• Fully Automatic Changeover Manifold of O2 consist of 2 banks each bank serves 10 cylinders, shall provide a minimum flow of 1500 L/min (Higher flow options) to the nominal 400 kPa medical oxygen pipeline system.</li> <li>• Modular Header Manifolds shall provide connection points for flexible cupronickel tailpipes. Pin indexed tailpipes shall comply to EN ISO 407:2004 as required. Non-return valves shall be fitted to each tailpipe connection point to protect the system in the event of a tailpipe fracture.</li> <li>• Corner connectors shall be available to enable installation of manifold headers around corners of the manifold room.</li> <li>• A test point shall be isolated from the supply with a ball valve. The manifold is supplied with a non-return valve for connection to the distribution system.</li> <li>• The manifold assembly is housed in a single control panel having a solid construction using epoxy technology in a glass-reinforced polymer molding for high chemical and corrosion resistance and high impact strength. The case is fully removable to provide unlimited access to all internal components. A powder coated steel back plate holds all components, providing additional protection and a robust fixture.</li> <li>• Manufacture country must be one of the Western-European countries or American.</li> </ul>	1

السعر الإجمالي	السعر الافراي	الكمية	الوحدة	وصف البند	الرقم
		1	عدد	<p><b>Fully Automatic Manifold of N2O</b></p> <ul style="list-style-type: none"> <li>• Supply &amp; Installation, Connected &amp; Decoration, Testing &amp; Commissioning of the Fully Automatic Manifold of N2O (Digital type) shall confirm to the United Kingdom Department of Health (DoH) Health Technical Memorandum HTM02-01, HTM2022, NHS Model Engineering Specification and EN ISO7396-1.</li> <li>• The connected of the Fully Automatic Manifold of N2O with all required accessories, also the (installation and connection) must conform to HTM code.</li> <li>• The entire system shall be as a minimum "duplexed" such that any single functional component failure will not affect the integrity of the N2O gas supply.</li> <li>• Fully Automatic Manifold of N2O provides a continuous supply of N2O gas from two banks of cylinders to the N2O gas pipeline system by changing from the duty bank to the standby bank automatically when the duty bank has become depleted.</li> <li>• Fully Automatic Changeover Manifold of N2O consist of 2 banks each bank serves 5 cylinders, shall provide a minimum flow of 650 L/min to the nominal 400 kPa medical Nitrous Oxide pipeline system.</li> <li>• Modular Header Manifolds shall provide connection points for flexible cupronickel tailpipes. Pin indexed tailpipes shall comply to EN ISO 407:2004 as required. Non-return valves shall be fitted to each tailpipe connection point to protect the system in the event of a tailpipe fracture.</li> <li>• Corner connectors shall be available to enable installation of manifold headers around corners of the manifold room.</li> <li>• A test point shall be isolated from the supply with a ball valve. The manifold is supplied with a non-return valve for connection to the distribution system.</li> <li>• The manifold assembly is housed in a single control panel having a solid construction using epoxy technology in a glass-reinforced polymer molding for high chemical and corrosion resistance and high impact strength. The case is fully removable to provide unlimited access to all internal components. A powder coated steel back plate holds all components, providing additional protection and a robust fixture.</li> <li>• Manufacture country must be one of the Western-European countries or American.</li> </ul>	2

السعر الإجمالي	السعر الافرادي	الكمية	الوحدة	وصف البند	الرقم
		1	عدد	<p><b>WALL MOUNTED EXHAUST FAN</b></p> <ul style="list-style-type: none"> <li>• Supply &amp; Installation, testing &amp; commissioning of Industrial Wall Mounted Exhaust Fan (Fow Rate 1000 <math>m^3/hr</math> ).</li> <li>• Manufacture country must be one of the Western-European countries, European countries or American.</li> </ul>	3

# FULLY AUTOMATIC MANIFOLD

## (O2 & N2O) SUBMITTAL

### A - General:

- All work must be executed according to United Kingdom Health Technical Memorandum No. 02-01 or HTM2022.
- Manufacturers: regularly engaged in the manufacture of **FULLY AUTOMATIC MANIFOLD (O2 & N2O)** system whose FULLY AUTOMATIC MANIFOLD (O2 & N2O) products have been in satisfactory use in similar service and supplier should have minimum experience in MEDICAL GASES system installation in Jordan for not less than **10** years.
- Manufacture country must be one of the Western-European countries or American.
- Supplier: Firms in Jordan regularly engaged in servicing and installing FULLY AUTOMATIC MANIFOLD (O2 & N2O) equipment of a similar quality and scope as this project for at least **5** years.
- Supplier has to present a warranty based on system's country of origin (parts & assembly).
- Supplier has to present official certificate from the manufacture to confirm the availability of spare parts for **5** years.
- The Supplier must have official certificated Experience in installing & servicing a several types of projects with the same selected brand name in Jordan.
- The submitted FULLY AUTOMATIC MANIFOLD (O2 & N2O) shall be installed in projects in Jordan for more than **5** years, and it is still working with good performance.
- The selected brand shall be of the most known & famous top quality types, which meet or exceed specified requirements.
- MDR (European CE mark for medical devices compliance) certificate as a manufacturer with approval from notified body should be submitted with the tender documents.
- One set of operation manuals, and one set of service manuals including schematics and a spare-part list must be delivered with each unit.

- Tender awards will be based upon the best value for money and best performance expectations (reputation, after sale support etc.).
- Pricing must include services of sale, shipment, delivery to site (Al-qaira Military Comprehensive Medical Center), installation, activation, clearance, transportation and bringing into service of the equipment.

### الشروط

1. مدة التسليم خلال (60) يوم من تاريخ التبليغ بأمر المباشرة.
2. السعر يشمل التركيب و التشغيل و فك القطع القديمة و تسليمها للوحدة صاحبة العمل في الموقع التي تراه مناسباً وكل ما يلزم لإنجاز العمل بالشكل الصحيح.
3. الكشف على الموقع قبل تقديم عرض السعر الزامي ويحدد موعد الزيارة من قبل شعبة صيانة المستشفيات العسكرية.
4. موقع العمل في حرم مركز طبي القوية العسكري.
5. على المقاول تقديم (Complaint sheet) و (Catalogue contains more technical details).
6. مشتريات القوات المسلحة معفاة من كافة رسوم الجمارك و المبيعات.
7. يحق لصاحب العمل الغاء هذا العطاء قبل البدء بتنفيذ الأعمال (أمر المباشرة) و ذلك بموجب أي إخلال يقوم به الفريق الثاني وبدون أن يترتب على هذا الإلغاء أية مطالبة مالية أو قانونية.