

شعبة صيانة المستشفيات العسكرية



غرفة الغازات الطبية

**(Fully Automatic Manifold of Oxygen)**

مستشفى الأمير زيد بن الحسين

# FULLY AUTOMATIC MANIFOLD

## OXYGEN SUBMITTAL

### A - General:

- All work must be executed according to United Kingdom Health Technical Memorandum No. 02-01.
- Manufacturers: regularly engaged in the manufacture of **FULLY AUTOMATIC MANIFOLD O2** 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 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 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.).

## بنود أعمال الغازات الطبي

السعر الإجمالي	السعر الأفرادي	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 2000 L/min (Higher flow options) to the nominal 700 kPa medical oxygen pipeline system.</li> <li>• Modular Header Manifolds shall provide connection points for flexible cupronickel tailpipes. 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

## 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 للتنسيق مع ملازم/1 معن المرافى 0772217363.
4. موقع العمل في حرم مستشفى الأمير زيد بن الحسين/ الطفيلة.
5. على المقاول تقديم (Complaint sheet) و (Catalogue contains more technical details).
6. مشتريات القوات المسلحة معفاة من كافة رسوم الجمارك و المبيعات.
7. تلتزم الشركة المحال عليها بتقديم كفاءة صيانة بنكية بقيمة 5% من إجمالي قيمة الإحالة للمواد شامل قطع الغيارو الأيدي العاملة لمدة عامين من تاريخ التركيب و التشغيل.
8. 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.