**TECHNICAL QUESTIONNAIRE**

**United Nations Office for Project Services**

**Yemen Integrated Urban Services Emergency Project –II**

**Subcomponent1.4: Energy for Critical Services**

**Supply, Install, Test, and Commission new soundproof (Canopy) (Prime) Power Diesel Generators for 22 MAY HOSPITAL**

**Aden City -Yemen.**

**RFQ Ref No: RFQ/2023/xxxxxxx**

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| **#** | **UNOPS minimum technical requirements** | **Is quotation compliant?** Bidder to complete | **Details of goods offered.** Bidder to complete |
| **1** | **Supply, Install, Test, and Commission new soundproof (Canopy) (Prime) Power Diesel Generators for 22 May Hospital in Aden city - Yemen** | | |
| **1.1** | Manufacturer's Name | ☐ Yes ☐ No | Insert details of goods offered |
| **1.2** | Country of Origin | ☐ Yes ☐ No | Insert details of goods offered |
| **1.3** | Brand /Model No | ☐ Yes ☐ No | Insert details of goods offered |
| **1.4** | Year of Manufacture | ☐ Yes ☐ No | Insert details of goods offered |
| **2** | **Engine** | | |
| **2.1** | Fuel Type: Diesel | ☐ Yes ☐ No | Insert details of goods offered |
| **2.2** | Cooling: Water-cooled diesel Engine, 50˚C radiator cooled. | ☐ Yes ☐ No | Insert details of goods offered |
| **2.3** | Governor: Electric | ☐ Yes ☐ No | Insert details of goods offered |
| **2.4** | Speed : 1500 RPM, direct injection | ☐ Yes ☐ No | Insert details of goods offered |
| **2.5** | No. of Strokes: 4 | ☐ Yes ☐ No | Insert details of goods offered |
| **2.6** | Air System: Turbocharged. | ☐ Yes ☐ No | Insert details of goods offered |
| **3** | **Output / Performance** | | |
| **3.1** | Rating: 990-1000 KVA (Prime) | ☐ Yes ☐ No | Insert details of goods offered |
| **3.2** | Voltage: 380-415 V | ☐ Yes ☐ No | Insert details of goods offered |
| **3.3** | Frequency: 50 Hz | ☐ Yes ☐ No | Insert details of goods offered |
| **3.4** | ( AVR ) : Automatic Voltage Regulator | ☐ Yes ☐ No | Insert details of goods offered |
| **4** | **Batteries** | | |
| **4.1** | lead acid batteries with charging system suitable for start-up of 990-1000 KVA Generator. | ☐ Yes ☐ No | Insert details of goods offered |
| **5** | **Control Panel** | | |
| **5.1** | Set mounted Auto start control panel in IP 23 sheet enclosure complete | ☐ Yes ☐ No | Insert details of goods offered |
| 6 | **Warranty** | | |
| 6.**1** | One year from the date of taking over. | ☐ Yes ☐ No | Insert details of goods offered |
| 6**.2** | Attend any minor service/repair/ breakdown within 6 hours upon request | ☐ Yes ☐ No | Insert details of goods offered |
| 7 | **Spare parts** | | |
| 7**.1** | Availability of spare parts and after sale service in Aden Yemen | ☐ Yes ☐ No | Insert details of goods offered |
| 7**.2** | The supplier must confirm the availability of spare parts for the proposed equipment in the Yemeni local market.  UNOPS has the right to do background check and confirm this option | ☐ Yes ☐ No | Insert details of goods offered |
| 8 | **ATS Panel** | | |
| 8.1 | Complete ATS (Automatic Transfer switchboard 1600 amps,4p) | ☐ Yes ☐ No | Insert details of goods offered |
| **9** | **Fire alarm system pane** | | |
| **9.1** | - 2 LOOP Addressable  - Each LOOP support to install at least 15 detector.  - 2 sounder circuits  - Include back up battery | ☐ Yes ☐ No | Insert details of goods offered |
| **10** | **Flame Detector** | | |
| **10.1** | -- Field of view: 90° full 100% core of vision, ± 45° from on axis.  - Sensitivity: switch selectable. | ☐ Yes ☐ No | Insert details of goods offered |
| **11** | **Smoke Detector** | | |
| **11.1** | - Operating voltage: 24 VDC nominal (18-32 VDC) - regulated | ☐ Yes ☐ No | Insert details of goods offered |
| **12** | **Addressable bells(sounders)** | | |
| **12.1** | - Nominal voltage 9 - 28 Vdc  - Purpose-made weatherproof range. | ☐ Yes ☐ No | Insert details of goods offered |
| **13** | **Physical Presence** | | |
| **13.1** | The supplier should have physical presence in the country with their own facilities in order to check their capability to provide the materials and maintain the generators if required during the warranty period | ☐ Yes ☐ No | Insert details of goods offered |
| **14** | **The bidder confirms that their quote as per the following** | | |
| **14.1** | RFQ Section II Scope of Works | ☐ Yes ☐ No | Insert details of goods offered |
| 15 | The bidder shall submit Data sheets for all of the Genset components( Engine, Alternator, Control Module, Canopy, etc) as well as data sheets of ATS, cables, grounding, .....etc | ☐ Yes ☐ No | Insert details |

**00ax: +45 45 33 75 01**

The offered goods and related services (if applicable) are in accordance with the required specifications and requirements specified in **Section II: Schedule of Requirements above.**

☐ Yes ☐ No

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ANY DEVIATION MUST BE LISTED BELOW:

**Delivery requirements and Comparative Data Table:**

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| **UNOPS Requirements** | | **Is quotation compliant?** Bidder to complete | **Details**  Bidder to complete |
| **Delivery time** | Bidder shall deliver and install the goods within 180 Days (less lead time in delivery is preferable) DAP after Contract signature | ☐ Yes ☐ No | Insert details |
| **Delivery place and Incoterms rules** | Delivery at Place DAP to 22 May Hospital in Aden city and Locations mentioned in the section : RFQ Section II Scope of Works RFQ Section III Schedule of Requirements of Civil works | ☐ Yes ☐ No | Insert details |
| UNOPS Right to vary requirements | At the time the Contract is awarded, UNOPS reserves the right to vary the quantity of the goods and associated services specified above, provided this does not exceed +/- 20%, without any change in the unit prices or other terms and conditions of the RFQ. | ☐ Yes ☐ No | Insert details |