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| **Request for Quotation (RFQ)**  **for**  **Goods/Services** |
| **The Sub-Project Is To:**  **Supply, Delivery and Test Of 3 Submersible Pumps Units (Bowel Assembly, Motors, Cables, Control Panels, Riser Pipes, Etc.) Complete With All Required Connections, Gaskets, Bolts and Accessories, To Be Delivered to National Water & Sanitation Authority – Al Ghaydah Branch - NWSA- AL-GHAYDAH’s Warehouses, Al Ghaydah District - Al Maharah Governorate**  **SUB PROJECT ID NO.**  **(IUS-AF2-UWS-GAYD-004)** |
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# Section III: Returnable Bidding Forms

The following returnable forms are part of this RFQ and must be completed and returned by bidders as part of their Quotation.

This Section comprises the following Returnable Bidding Forms:

* Form A: Quotation Submission Form
* Form B: Price Schedule Form
* Form C: Technical Quotation Form
* Form D: Previous Experience Form
* Form E: Joint Venture Partner Information Form
* Form G: Manufacturer’s authorization Form
* Form H: Bid Securing Declaration
* Form I: Independent Bid Declaration
* Form J: United Nations Supplier Code Of Conduct Declaration

**Form A: Quotation submission form**

Bidders are requested to complete this form, sign it and return it as part of their bid submission. The bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.

Date: [Insert submission date]

**Subject:**

**Quotation for th*e Supply, delivery and test of 3 Submersible pumps units (bowel assembly, Motors, Cables, Control panels, Raiser Pipes, etc.) complete with all required connections, gaskets, bolts and accessories, to be delivered to National Water & Sanitation Authority – Al Ghaydah Branch- NWSA- AL-GHAYDAH’s Warehouses, Al Ghaydah District - Al Maharah Governorate.***

RFQ Case No. [Insert RFQ ref. number], dated **[insert date]**

We, the undersigned, declare that:

* 1. We offer to supply in conformity with the bidding documents, including the UNOPS General Conditions of Contract;
  2. Our quotation shall be valid for the period of time of [insert number of days which shall not be less than the specified in Section I: RFQ Particulars, Period of Validity of Quotations] from the date fixed for the submission deadline as set out in the RFQ, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
  3. We have no conflict of interest in any activity that would put it, if selected for this assignment, in a conflict of interest with UNOPS. [If you have any actual or potential conflict of interest as defined in Article 3 of Section II: Instructions to Bidders, please disclose it here];
  4. Our firm confirms that the offeror and sub-contractors have not been associated, or had been involved in any way, directly or indirectly, with the preparation of the design, terms of references and/or other documents used as a part of this solicitation;
  5. Our firm, its affiliates or subsidiaries—including any subcontractors or suppliers for any part of the Contract—has not been declared ineligible by UNOPS, nor is included in the suspended/ineligibility list of the UN/PD, other UN Agencies, the UN Security Council, and the World Bank, in accordance with Instructions to Bidders Article 3, Eligibility;
  6. We embrace the UN Supplier Code of Conduct and adhere to the principles of the UN Global Compact;
  7. We have not declared bankruptcy, are not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against them that could impair their operations in the foreseeable future;
  8. We have not offered and will not offer fees, gifts and/or favours of kind in exchange for this RFQ and will not engage in any such activity during the performance of any Contract awarded.

I, the undersigned, certify that I am duly authorized by [***insert full name of bidder***] to sign this quotation and bind [***insert full name of bidder***] should UNOPS accept this quotation:

Name: [complete]

Title: [complete]

Date: [complete]

Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Provide the name and contact information for the primary contact from your company for this quotation:

Name: [complete]

Title: [complete]

Email address: [complete]

Telephone: [complete]

# Form B: Price Schedule Form

Bidders shall fill in this Price Schedule Form in accordance with the instructions indicated.

RFQ reference no: [insert RFQ reference No.]

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| **Currency** | **USD** |

Supply, delivery and test of 3 Submersible pumps units (bowel assembly, Motors, Cables, Control panels, Raiser Pipes, etc.) complete with all required connections, gaskets, bolts and accessories,) as specified herein technical specifications and BoQs , for Wells #: 8,9 & 10 at Fawri Water Wells Field Al Maharah Governorate.

|  | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Item** | **Description** | | **Unit** | **QTY** | **Unit price USD** | **Total price USD** |
| ***General Notes:***  ***General Notes: The price includes Supply, delivery and Test of 3 Submersible pumps units (bowel assembly, Motors, Cables, Control panels,*** ***Raiser Pipes, etc.) complete with all required connections, gaskets, bolts and accessories, as specified in technical specifications, and BoQs.*** | | | | | | |
| **1** | **Submersible pumps and Heavy-duty submersible Motor, under the following conditions:**   * Pump efficiency > 70% at duty point, driven by a heavy-duty submersible motor three phase induction, suitable for VFD starting. * input voltage 380-415 volts, 30-50 Hz, 1800-3000 rpm * motor efficiency>82%. * The pump has to deliver 54 (-3/+10%) m3/hr at Total Head =200m. * Ambient water temperature up to 45 °C. * The diameter of the motor should not more than 8’’, borehole diameter 250 mm. * Motor Power Shall not less than 1.15 of pump power | | **Set** | **3** | insert | insert |
| **2** | **Solar Pumping Inverter Controller, under the following conditions:**   * Power: should be not less than 1.2 of Motor power. * Three phase output, voltage range 380-415 V. * Efficiency: Not less than 95%. * Output Frequency: 0 - 50Hz. * Input DC open circuit voltage not less than 900 V. * Protections required: Over-Voltage, pump Over-Current, pump Over-Load, Overtemperature, pump Phase Loss, pump Short-Circuit, ground fault, solar low power, DC Input Anti-reverse, AC output unbalance and Dry run. | | **No.** | **3** | insert | insert |
| **3** | **Output Reactor, under the following conditions:**   * Rated Operating Voltage: 380V~1140V 50Hz * Rated power: should be not less than 1.2 of Motor power. * Operating Frequency: 50 Hz * Insulation Resistance: Core-winging, DC 1000V, resistance≥100M ohm * Protection class: IP20 * Insulation class: F | | **No.** | **3** | insert | insert |
| **4** | **PV Combiner Box, under the following conditions:**   * Not less than 8 inputs, 1 output DC Combiner Box. * The DCCB to be provided for termination of connecting cables. * Suitable for outdoor installation, IP65, waterproof and anti-dust. * All wires/cables must be terminated through cable lugs. * DC fuse rating for each string:1000V, not exceed 20 A. * Built in Reverse Protection Diode. | | **No.** | **3** | insert | insert |
| **5** | **AC Control Box, under the following conditions:**   * Enclosure class should be not less than IP65, waterproof and anti-dust. * All wires/cables must be terminated through cable lugs. * All required wires/cables and busbars must be included, * Built in Reverse Protection Diode. * Built in AC & DC circuit breakers. * Forced Air Cooling type via fans. * The VFD & Output reactor must be located in. | | **No.** | **3** | insert | insert |
| **6** | **Molded Case Circuit Breaker (MCCB), under the following conditions:**   * MCCB Protection Type: Thermal Magnetic Based * MCCB Current Rating: 100A * MCCB Poles: 4 POLE * MCCB Breaking Capacity: 25kA * Rated Operational Voltage: 690 V AC, 500 V DC * Lockable front door, wall mounted type, Direct handles, Locking devices, Auxiliary contacts and Protective plates. | | **No.** | **3** | insert | insert |
| **7** | **Submersible Level Transmitter (Water level Sensor), under the following conditions:**   * Measuring range: 1m-500m * Shell protection: IP69 * Accuracy: 0.25% F.S * Material: SS 304 probe, rubber wire. | | **No.** | **3** | insert | insert |
| **8** | **Pressure Switches, under the following conditions:**   * Setting range: 2 – 20 bar. * Electrical rating: 12 A, 400 V * Differential: Adjustable * Degree of enclosure: IP43 or IP55 | | **No.** | **3** | insert | insert |
| **9** | **Submersible Cable, under the following conditions:**   * Voltage rating:450/750VAC. * Type of Conductor: copper, flexible, finely, multi stranded. * Insulation: black poly chloroprene, HO7RN -F or equivalent material.   **The size and quantity of cables as:** | | | | | |
| 9.1 | Submersible Cable Size: 3 cores × 35 mm2 | **M** | **300** | insert | insert |
| 9.2 | Submersible Cable Size: 3 cores × 1.5 mm2 (for Level Sensor) | **M** | **300** | insert | insert |
| 9.3 | Cable Size: 2 cores × 1.5 mm2 (for Pressure Switch) | **M** | **40** | insert | insert |
| **10** | **Power Cable Splice Kit, under the following conditions:**   * Conductor Amount: Multiple, Single * Dielectric Strength: 500 mV * Insulation Outside Diameter Range: 10 - 16 mm, 10 - 19 mm, 16 - 25 mm, 25 - 40 mm * Maximum Cable Outside Diameter: 15.2 mm, 25.4 mm, 39.7 mm * Maximum Conductor Size: 18.5 mm², 35 mm², 95 mm² * Maximum Insulation Outer Diameter: 15.875 mm, 25.4 mm, 39.688 mm * Minimum Conductor Size: 10 mm², 18.5 mm², 35 mm² * Minimum Insulation Outer Diameter: 10.312 mm, 15.875 mm, 25.4 mm | | **Kit.** | **12** | insert | insert |
| **11** | **Heat Shrink Tubing Kits, under the following conditions:**   * Dielectric Strength: 900 mV * Voltage: 600 V * Maximum Operating Temperature: 135 ℃ * Minimum Shrink Temperature: 100 ℃ * Shrink Ratio: 2:1 * Length of each piece: Not less than 150mm * Kit Includes 102 pieces: (with the following sizes)   ·        Size 3/16" (4,8 mm), No. of Pieces 30  ·        Size 1/4" (6,4 mm), No. of Pieces 28  ·        Size 3/8" (9,6 mm), No. of Pieces 20  ·        Size 1/2" (12,7 mm), No. of Pieces 14  ·        Size 3/4" (19,1 mm), No. of Pieces 6  ·        Size 1" (25,4 mm), No. of Pieces 4 | | **Kit.** | **6** | insert | insert |
| **12** | **Riser Pipe (uPVC Super Heavy), with All Accessories Required**   * PIPE (OD): OD – 113mm (4”), ND:100mm * Pipe Wall Thickness: As specified in the table for Super Heavy class. * Pipe Joint System: Square Type Threads with Coupler, rubber ring and Safety lock * Pipe Length: 3m * Working pressure: 35 Bar | | **No.** | **108** | insert | insert |
| **13** | **Stainless-Steel 304 Vertical Check Valve, under the following conditions:**   * Nominal Diameter (DN): 100mm * Connection Type: According to the raiser pipes. * Nominal Pressure (PN): PN25 | | **No.** | **3** | insert | insert |
| **14** | **Well Cap / Cover, under the following conditions:**   * Diameter: 14” * Min. thickness: 18 mm | | **No.** | **3** | insert | insert |
| **15** | **Pipe Ha+B192ngers & Supports, under the following conditions:**   * Hangers Diameter: for pipes of 4” dia. * Min. thickness: 18 mm * Length: more than 14” * Material: made from A36 or equivalent CS plate | | **No.** | **9** | insert | insert |
| **16** | **Bulk Water Meters, under the following conditions**   * Type: Horizontal (vertical where specified) helix type with completely waterproof encased gear train, magnetic transmission and registration, shielded against tampering or any external magnetic field. * Sizes: Ø 4’’ (100mm) | | **No.** | **3** | insert | insert |
| **17** | **Double Flange Gate Valve, under the following conditions**   * Diameter: 4” (100mm) * O-ring & gasket: EPDM * Working Pressure: 16 bars * Body cover: Ductile Iron GGG 40 | | **No.** | **3** | insert | insert |
| **18** | **Double Flange Non-Return Valve, under the following conditions**   * Diameter: 4” (100mm) * O-ring & gasket: EPDM * Working Pressure: 16 bars * Body cover: Ductile Iron GGG 40 * Flange: B.S.4504 (PN16) | | **No.** | **3** | insert | insert |
| **19** | **Pressure Gauge, under the following conditions**   * Material of Gauge Case: AISI 304 stainless steel fitted with laminated * Gauge Diameter: 100mm * Inner Scale: from 0 to 25 Bar * Bottom Connection: ½ “ * All accessories | | **No.** | **3** | insert | insert |
| **20** | **Single Small Orifice Air Valve, under the following conditions**   * Design: Fully compliant to BS EN 1074-4 * Maximum operating temperature: 90°C * Diameter Bottom Connection (female): 1” * Nominal Pressure (PN): PN16 * Minimum operating pressure: 0.3 bar * All accessories | | **No.** | **3** | insert | insert |
| **Total of Bill – USD** | | | | | | **insert** |

Payment terms 30 days accepted: ☐ Yes

**Bidder’s discount for accelerated payment:** \_\_\_\_% of total firm price for each calendar day less than thirty (30) days

**List of subcontractors or suppliers**

Bidder must identify the names of all subcontractors/suppliers who will be providing good/services under this Contract and the type of work being subcontracted, if applicable.

1. \_[Full legal name and address of subcontractors]\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I, the undersigned, certify that I am duly authorized by [***insert full name of Bidder***] to sign this quotation and bind [***insert full name of Bidder***] should UNOPS accept this quotation:

Name : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Title : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Form C: Technical Quotation Form

RFQ reference no: [insert RFQ reference No.]

Name of Bidder: [insert name of Bidder]

Bidders are required to complete the **Comparative Data Tables** included in Section III: Schedule of Requirements to demonstrate compliance with UNOPS requirements and insert them below. Bidders are NOT allowed to make any change in the “UNOPS requirements” columns of the Comparative Data Tables. Such changes might disqualify your quotation.

**Technical specifications for goods – Comparative Data Table :**

Lot 001 Supply, delivery: and test of 3 Submersible pumps units (bowel assembly, Motors, Cables, Control panels, Raiser Pipes, etc.) complete with all required connections, gaskets, bolts and accessories,) as specified herein technical specifications and BoQs , for Wells #: 8,9 & 10 at Fawri Water Wells Field Al Maharah Governorate.

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| **Item** | **Specifications required** | | **Is quotation compliant?** *Bidder to complete* | | | | **Bidder’s Offer specifications** *Bidder to complete* |
| **ITEM#1: Submersible pumps and Heavy-duty submersible Motor, complete set of total head 200 m and water discharges of 54 (-3/+10%) m3/hr** | | | | | | | |
| **1. 1. Bowl** | | | | | | | |
|  | Date of manufacture: New (2024 | | | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Manufacturer/Brand | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Country of origin: | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Model | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | The rating capacity | | 54 (-3/+10%) m3/hr | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | The rating head (m) | | 200 m | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | The efficiency at duty point (%) | | > 70 % | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | The pump power at duty point (KW) | | | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Type | | Mixed flow multi -stage | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Ambient water temp. ( Co ) | | Up to 45 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Casing/ Impeller/ Diffuser/ Check valve / Strainer / Screw, nut | | AISI 304 or superior | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | (Shaft complete) | | Duplex Stainless Steel | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Elastomers Such as Wear Ring Seat O-Ring Bearing Bush | | Thermoplastic (PPO /NBR) | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Installation Depth | | (85 m) | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
| **1.2. Submersible Motor** | | | | | | | |
|  | Date of manufacture | | New (2024 | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Manufacturer | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Country of origin: | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Model | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Power (KW) | | should be not less than 1.15 of pump power. | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | The motor is suitable for VFD starting | | | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Rated speed ( R.P.M ) | | 1800 – 3000 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Frequency ( Hz) | | 30 – 50 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Wire winding insulation material | | PE2 – PA | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Ambient water temp. (Co) | | Up to 45 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | No. of starts per hours | | >10 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Voltage rating (V ) | | 380-415 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Motor efficiency at full load ( % ) | | >82 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Motor housing Bolts, nuts , washers , etc. | | AISI 304 or superior | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Bottom motor body, Top head motor | | Cast Iron or superior | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | (Shaft complete) | | Duplex Stainless Steel | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Elastomers Such as Wear Ring Seat O-Ring Bearing Bush | | Thermoplastic (PPO /NBR) | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Thrust bearing | | Ceramic/ carbon | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
| **ITEM#2: Solar Pumping Inverter Controller with all requirements and accessories** | | | | | | | |
|  | Date of manufacture | | | New (2024 | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Manufacturer | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Country of origin | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Model | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Phases: | | Three phase output | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Voltage Range: | | 380-415 V | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Rated power | | should be not less than 1.2 of motor power. | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Efficiency: | | Not less than 95% | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Output Frequency: | | 0-50 HZ | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Enclosure class: | | not less than IP65 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Maximum input voltage (Voc): | | not less than 900 VDC | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | MPPT + VFD (Variable Frequency drive) | | Built-In | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | System design | | should be designed to run near its MPPT range | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Operating temperature: | | up to 50 °C | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Data Loggers | | Built-In | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Power Sources | | The device shall allow hybrid operation with external power source, where solar power should be configured as the primary power source. External power source and solar power could be operated in the same time. | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Types Work Modes | | Solar Pumping inverter should have the ability to work in different modes like Soft Starter, V/F Speed Control, Auto/ Manual Speed Control during solar radiation changes and Auto wake up after hibernation time in cloudy day | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Programmable Inputs | | Solar Pumping Inverter should be equipped with Programmable inputs to be used for Discharge pressure switch to protect the pump against high discharge pressure, well water level sensor to protect pump against dry running, Tank level switch for overflow protection and closed pipeline (high pressure). | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Communication Connection | | Solar Pumping inverter should be equipped with programmable outputs to be programmed for any required actions | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Display | | LCD Screen display with Cover + LED status indicator | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Display content | | PV status (Current, Voltage, Power, Energy), AC input voltage, AC output voltage, Load, Running Status, RPM, and Frequency | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Protection | | Over-Voltage, pump Over-Current, pump Over-Load, Over-Temperature, pump Phase Loss, pump Short-Circuit, ground fault, solar low power, DC Input Anti-reverse, AC output unbalance (3Phase); | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
| **ITEM#3: Output Reactor with all requirements and accessories** | | | | | | | |
|  | Date of manufacture | | New (2024 | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Manufacturer | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Country of origin | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Model | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Rated Operating Voltage | | 380V~1140V 50Hz. | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Rated power | | should be not less than 1.2 of motor power. | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Operating Frequency | | 50 Hz | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Operation Ambient Temperature | | -25℃~50℃ | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Insulation Resistance | | Core-winging, DC 1000V, resistance≥100M ohm | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Inverter reactor's noise: | | ＜80dB (to be measured at the point 1 meter away from the reactor horizontally) | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Protection class: | | IP20 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
| **ITEM#4: PV Combiner Box (DCCB) with all requirements and accessories** | | | | | | | |
|  | Date of manufacture | New (2024 | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Manufacturer | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Country of origin | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Model | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Enclosure materials | | Coated metal with lockable door. | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Enclosure protection | | IP65. | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Number of input circuit | | Total number of strings in addition to 2 spare inputs. | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | DC fuse rating for each string | | 1000V, 20 A. | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | DC output circuit | | In accordance with the maximum current X 1.25, 1000 VDC breaker | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Surge Protection Device | | Built in | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Monitoring Unit for each string | | Shall be provided. | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Diodes Type | | Anti-backflow diodes | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Operational Environment Temperature | | -30 °C ~+70 °C. | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
| **ITEM#5: AC Control Box with all requirements and accessories** | | | | | | | |
|  | Date of manufacture | New (2024 | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Manufacturer | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Country of origin | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Model | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Enclosure class | | not less than IP65 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | All wires/cables | | must be terminated through cable lugs | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | All required wires/cables and busbars | | must be included, | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Reverse Protection Diode; | | Built in | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | AC & DC circuit breakers | | Built in | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Surge Protection Device; | | Built in | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Forced Air Cooling type via fans; | | Forced Air Cooling type via fans | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | The VFD & Output reactor | | must be located in | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
| **ITEM#6: Molded Case Circuit Breaker (MCCB) with all requirements and accessories** | | | | | | | |
|  | Date of manufacture | New (2024 | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Manufacturer | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Country of origin | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Model | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | MCCB Protection Type | | Thermal Magnetic Based | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | MCCB Current Rating | | 100A | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | MCCB Poles | | 4 POLE | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | MCCB Breaking Capacity | | 25kA | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Rated Operational Voltage | | 690 V AC  500 V DC | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Include NEMA 3R enclosure | | * Powder-coated steel construction * Lockable front door, wall mounted type, Direct handles, Locking devices, Auxiliary contacts and Protective plates. * ways at least, shock and vibration proof contacts. * Conform to BS EN 60947-3 and UL 1008 Listed. | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
| **ITEM#7: SUBMERSIBLE LEVEL TRANSMITTER (Water level Sensor) with all requirements and accessories** | | | | | | | |
| * 1. **8.** | Manufacturer | | To be inserted by bidder | | | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Country of Origin | | To be inserted by bidder | | | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Measuring range | | 1m-500m | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Shell protection | | IP68 | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Working temperature | | -20~60℃ | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Accuracy | | 0.25%F.S | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Material | | SS 304 probe, rubber wire | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
| **ITEM#8: Pressure Switches with all requirements and accessories** | | | | | | | |
| * 1. **8.** | Manufacturer | | To be inserted by bidder | | | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Country of Origin | | To be inserted by bidder | | | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Used for | | Water pumps | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Setting range | | 2 – 20 bar | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Contact system | | TPST and SPST | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Electrical rating | | 12 A, 400 V | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Electrical connection | | Screw terminals | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Contact material | | Silver | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Differential | | Adjustable | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Degree of enclosure | | IP43 or IP55 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Design | | Box | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
| **ITEM#9: Submersible Cable** | | | | | | | |
|  | Date of manufacture | | New (2024 | | | To be inserted by bidder | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
| * 1. **8.** | Manufacturer | | To be inserted by bidder | | | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Country of Origin | | To be inserted by bidder | | | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Size | | As BoQ | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Type of Conductor | | Copper, Flexible, Finely Multi Stranded | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Conductor construction | | class 5 IEC 60228 | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Insulation | | Black Poly Chloroprene, HO7RN -F or Equivalent Material. | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Cores identification | | According to HD 308 | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Nom. rated voltage U0 / Uv -kV | | 450/750 - 0,6/1 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Test voltage kV | | 2,5 - 4 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Max AC voltage V -kV | | 520/900 - 0,7/1,2 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Max. short circuit temp. °C | | 250 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Max. working temp. on the conductor °C | | 90 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Max water temperature °C | | More than 45 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
| **ITEM#10: Power Cable Splice Kit with all requirements and accessories** | | | | | | | |
|  | Date of manufacture | | New (2024 | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
| * 1. **8.** | Manufacturer | | To be inserted by bidder | | | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Country of Origin | | To be inserted by bidder | | | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Type | | 3M | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Cable Shielding | | Multiple Conductor Portable Cable, Single Conductor Portable Cable | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Conductor Amount | | Multiple, Single | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Dielectric Strength | | 500 mV | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Insulation Outside Diameter Range | | 10 - 16 mm, 10 - 19 mm, 16 - 25 mm, 25 - 40 mm | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Material | | Epoxy | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Maximum Cable Outside Diameter | | 15.2 mm, 25.4 mm, 39.7 mm | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Maximum Conductor Size | | 18.5 mm², 35 mm², 95 mm² | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Maximum Insulation Outer Diameter | | 15.875 mm, 25.4 mm, 39.688 mm | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Minimum Conductor Size | | 10 mm², 18.5 mm², 35 mm² | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Minimum Insulation Outer Diameter | | 10.312 mm, 15.875 mm, 25.4 mm | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Product Color | | Black | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Product Type | | Splice | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Splice Type | | Inline | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Voltage | | 5 kV | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Voltage Application | | Medium Voltage | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Kit Contents: | | * Mold Body * Pouring Spouts * Electrical Tape * Resin | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
| **ITEM#11: Heat Shrink Tubing Kits with all requirements and accessories** | | | | | | | |
|  | Date of manufacture | | New (2024 | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
| * 1. **8.** | Manufacturer | | To be inserted by bidder | | | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Country of Origin | | To be inserted by bidder | | | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Type | | Heat Shrink Tubing Kits 3M | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Material | | Flexible Polyolefin | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Colour | | Black | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Dielectric Strength | | 900 mV | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Voltage | | 600 V | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Maximum Operating Temperature | | 135 ℃ | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Minimum Shrink Temperature | | 100 ℃ | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Shrink Ratio | | 2:1 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Length of each piece | | Not less than 150mm | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Kit Includes 102 pieces:  (With the following sizes) | | * **30 of size 3/16" (4,8 mm)** * **28 of size 1/4" (6,4 mm)** * **20 of size 3/8" (9,6 mm)** * **14 of size 1/2" (12,7 mm)** * **6 of size 3/4" (19,1 mm)** * **4 of size 1" (25,4 mm)** | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
| **ITEM#12: Riser Pipe (uPVC Super Heavy), with all requirements and accessories** | | | | | | | |
|  | Date of manufacture | | New (2024 | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
| * 1. **8.** | Manufacturer | | To be inserted by bidder | | | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Country of Origin | | To be inserted by bidder | | | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Class | | Super Heavy | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Working Pressure | | Not less than 35 Bar | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Type of Pipe Joint System | | Square Type Threads with Coupler, rubber ring and Safety lock | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | PIPE size (OD): | | OD – 113mm (4”), ND:100mm | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Pipe Wall Thickness: | | As specified in the table for Super Heavy class. | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Nominal Length | | 3m | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | The Item Includes the following accessories: | | - Lowering Fixture and Pump Guard set-(3 Set)  - Top and Bottom Adaptors / Connectors set - (3 Set) | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Markings | | * Manufacturer’s name and/or identification mark * Nominal Diameter (DN) * Nominal Pressure (PN) * Class Ranking * Pipe Thickness * Pipe Length | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
| **ITEM#13: Stainless-Steel Vertical Check Valve with all requirements and accessories** | | | | | | | |
| * 1. **8.** | Manufacturer | | To be inserted by bidder | | | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Country of Origin | | To be inserted by bidder | | | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Class | | Super Heavy | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Working Pressure | | Not less than 35 Bar | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Nominal Diameter (DN) | | 4" | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Connection Type | | According to the raiser pipes. | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Nominal Diameter (DN) | | Shall be selected according to raiser line diameter | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | (Body, Spring and Valve Core) Material: | | Stainless Steel 304 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | End Seal | | PTFE | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
| **ITEM#14: Well Cap / Cover with all requirements and accessories** | | | | | | | |
| * 1. **8.** | Manufacturer | | To be inserted by bidder | | | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Country of Origin | | To be inserted by bidder | | | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Class | | Heavy-Duty | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Diameter | | 14" | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Min. thickness | | 18 mm for borehole wells caps | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Material | | made from A36 or equivalent CS plate | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Paint type | | Painted by Anti-corrosion Paint at least two coats (premier and finishing layer) | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | **Other requirements** | | * Fabricated with stiffeners and holes for pump and sensor cables * Stiffeners shall be holed for lifting purposes | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
| **ITEM#15: Pipe Hangers & Supports with all requirements and accessories** | | | | | | | |
| * 1. **8.** | Manufacturer | | To be inserted by bidder | | | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Country of Origin | | To be inserted by bidder | | | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Class | | Heavy-Duty Riser Clamp | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Length | | Not less than 500 mm | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Hangers Diameter: | | for pipes of 4” dia. | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Min. thickness | | Not less than 18 mm | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Material | | made from A36 or equivalent CS plate | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Paint type | | Hot-Dip Galvanized (50HHDG) | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Bolt, nuts and washers | | * Stainless Steel Grade A2/304. | | Yes  No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
| **ITEM#16: Bulk Water Meters with all requirements and accessories** | | | | | | | |
|  | Date of manufacture | New (2024 | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Manufacturer | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Country of origin | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Model | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Types | | Water meter designed for measuring bulk flows of cold potable water | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Positions of Installation | | Suitable for all positions (Horizontal, Vertical, Inclined) | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Flanges drilled | | accordance to DIN 2532/3 PN 16 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Degree of protected | | IP68 protected dry type mechanism | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Examination Certificate | | Approved in accordance with the Directive 2014/32/EU or (MID) | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Working temperature | | not less than 50oC. | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Maximum working pressure | | 16 bar | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Size | | 4" | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Material of body | | GG25 cast iron and shall be coated with a high-quality fusion bonded powder coating inside and outside the meter body, which will not render the water passing through it unfit for human consumption | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Material of Top Glass | | Shall be made of glass material, thick & tempered type to resist breakage, scratching & abrasion | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Material of Counter Box Cover | | The meters shall have a metallic lid hinged to the counter box cover to prevent accumulation of dust and foreign matter on the countertop glass | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Material of Internal Rotary Components | | shall be of thermoplastic, non-tainting and which inhibit any scale formation. The stainless-steel parts shall be of high grade. | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Totalizer Register | | a. It shall be straight reading type.  b. The Totalizer shall register in cubic meter units.  c. The Totalizer shall be set at 0 (zero).  d. The Totalizer shall reset to 0 (zero) at 100,000 m3.  e. The Totalizer shall consist of an arrow of a minimum of six on-line consecutive digits to read at least 999,999 m3. | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Metrological Characteristics, 100 mm. dia. | | * Q3 / Q1 ≤160 * Q4 Overload Flow = 125 m3/h * Q3 Nominal Flow = 100 m3/h * Q2 Transitional Flow = 1.00 m3/h * Q1 Minimum Flow= 0.625 m3/h | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | The water meter shall be marked with the following identifications: | | a. Direction of the water flow with an arrow indicating the direction.  b. Trademark and name of manufacture.  c. The metrological class and on rate in m3 per hour  d. Manufacturer's serial number of the water meter permanently affixed to the water meter case | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
| **ITEM#17: Double Flange Gate Valve with all requirements and accessories** | | | | | | | |
|  | Date of manufacture | New (2024 | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Manufacturer | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Country of origin | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Model | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Diameter | | 4" | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Application: | | for water works. | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Face To face dimension | | According to BS 5163 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Flange | | According to BS 4504 or ISO 2531 or another equivalent. | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | O-ring & gasket | | EPDM | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Working Pressure | | 16 bars | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Wedge | | Ductile Iron GGG 40 with central guides to avoid rubber friction when operating the valve fully internally and externally coated with EPDM | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Body cover | | Ductile Iron GGG 40 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Stem (spindle) | | Stainless steel grade A2/304. | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Stem ( Nut ) | | Bronze | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Temperature | | 60°C - 70° C | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Accessories | | The values provided completed with O-ring, Gasket, Bolt, nuts and washer stainless steel grade A2/304. | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Coating | | Epoxy (inside & outside 200-300 micron) | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
| **ITEM#18: Double Flange Non-Return Valve with all requirements and accessories** | | | | | | | |
|  | Date of manufacture | New (2024 | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Manufacturer | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Country of origin | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Diameter | | 4" | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Design | | According To B.S. 5153 or other equivalent | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | O-ring & gasket | | EPDM | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Working Pressure | | 16 bars | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Body cover | | Ductile Iron GGG 40 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Flange | | B.S.4504 (PN16) | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Max. Service Temp. | | 60°C - 70° C | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Accessories | | The values provided completed with O-ring , Gasket , Bolt , nuts and washer stainless steel grade A2/304. | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
| **ITEM#19: Pressure Gauge with all requirements and accessories** | | | | | | | |
|  | Date of manufacture | New (2024 | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Manufacturer | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Country of origin | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Material of Gauge Case | | AISI 304 stainless steel fitted with laminated  safety glass | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Gauge Diameter | | 100mm | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Inner Scale | | From 0 to 25 Bar | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Bottom Connection | | ½ “ | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Accessories | | Isolation Stainless steel 1/2-inch Ball valve of the same pressure rating.  In addition to the connection fittings (nipples, sockets, reducers, etc.) | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
| **ITEM#20: Single Small Orifice Air Valve with all requirements and accessories** | | | | | | | |
|  | Manufacturer | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Country of origin | | | | To be inserted by bidder | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Design | | Fully compliant to BS EN 1074-4 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Maximum operating temperature | | 90°C | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Diameter | | 1” | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Nominal Pressure (PN) | | PN16 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Minimum operating pressure | | 0.3 bar | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Material of (Body and Cover) | | Ductile iron GS 400-15 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Material of (Bolt and Washer) | | Stainless steel Gr. A2-70 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Material of (Float, Nozzle and Cap) | | ABS | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Material of (Gasket and ‘O-ring) | | EPDM 55 | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Material of (Adjusting screw and Pin) | | Stainless steel | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Material of Vent valve | | Brass | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |
|  | Accessories | | • Female threaded inlet as standard  • Ball valve isolating valve  • Ball valve isolating valve and flange  • Inlet flange  • Male threaded inlet | | ☐ Yes ☐ No | | Insert details of goods offered, including specifications, picture, and brand/model offered if applicable |

**Delivery requirements – Comparative Data Table:**

|  |  |  |  |
| --- | --- | --- | --- |
| **UNOPS Requirements** | | **Is quotation compliant? Bidder to complete** | **Details**  **Bidder to complete** |
| **Delivery time** | The Bidder shall deliver the goods ***within 6 months*** after the Contract signature. | ☐ Yes ☐ No | Insert details |
| **Delivery place and Incoterms rules** | DAP as per Incoterms 2020 at ***National Water & Sanitation Authority – Al Ghaydah Branch - NWSA- AL-GHAYDAH’s Warehouses, Al Ghaydah District - Al Maharah Governorate.*** | ☐ 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 |

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

☐ Yes ☐ No

ANY DEVIATION MUST BE LISTED BELOW:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Title : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Form D: Previous experience form

RFQ reference no: [insert RFQ reference No.]

Name of Bidder: [insert name of Bidder]

Previous experience: The bidder should have successfully completed at least two (2) similar projects within the last five (5) years from the date of the bid opening. At least one of the previous contracts should be a minimum of USD 100,00 value. (Similar means Solar system Supplies or Equipment Supplies) In case of Joint Venture (JV), all joint venture members combined must meet it

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Description of services/goods** | **Country** | **Total amount of Contract** | **Contract Identification and Title and**  **Contact details of Client**  **(Name, Address, telephone, email, fax)** | **Year project was undertaken** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Name : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Title : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Form E : Joint Venture Partner Information Form**

[The Offeror shall fill in this Form in accordance with the instructions indicated below]

RFP reference no: [insert RFP reference No.]

Name of Offeror: [insert name of Offeror]

Date: [insert submission date]

To be completed and returned with your Proposal if the Proposal is submitted as a Joint Venture/Consortium/Association.

|  |  |
| --- | --- |
| **JV / Consortium/ Association Information** | |
| **Name** | [complete] |
| **Names of each partner and contact information**  (address, telephone numbers, fax numbers, e-mail address) | [complete] |
| **Name of leading** partner (with authority to bind the JV, Consortium, Association during the RFP process and, in the event a Contract is awarded, during contract execution) | [complete] |
| **Proposed proportion of responsibilities between partners (in %) with indication of the type of the services to be performed by each** | [complete] |

**Signatures of all partners of the JV:**

We hereby confirm that if the contract is awarded, all parties of the Joint Venture/Consortium/Association shall be jointly and severally liable to UNOPS for the fulfillment of the provisions of the Contract.

Name of partner: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Name of partner: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name of partner: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Name of partner: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Form G: Manufacturer’s Authorization Form**

A letter issued by the manufacturer authorizing the applicant to participate in this particular ITB must be submitted with the bid in the format provided in this Form.

To be eligible for delivery of goods, the bidder must be either the manufacturer of the offered goods or a sole representative of the manufacturer to the United Nations. Should offers for a particular make and model be received from more than one appointed representative, UNOPS reserves the right to select only one.

ITB reference no: [insert ITB reference No.]

Name of Bidder: [insert name of bidder]

Date: [insert submission date]

To: UNOPS

**WHEREAS**

We ***[insert complete name of manufacturer***], who are official manufacturers of [***insert type of goods manufactured],*** having factories at ***[insert full address of manufacturer’s factories***], do hereby authorize ***[insert complete name of bidder]*** to submit a bid the purpose of which is to provide the following goods, manufactured by us ***[insert name and or brief description of the goods]***, and to subsequently negotiate and sign the contract.

We hereby extend our full guarantee and warranty in accordance with Clause 4.5 of the General Conditions of Contract for the Provision of Goods, with respect to the goods offered by the above firm.

Signed: [***insert signature(s) of authorized representative(s) of the manufacturer]***

Name***: [insert complete name(s) of authorized representative(s) of the manufacturer]***

Title: ***[insert title]***

Dated on \_\_\_\_\_\_\_\_\_\_\_\_ day of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_ ***[insert date of signing]***

**From H: Bid Securing Declaration**

Date: [Insert date]

Tender reference number: [Insert UNOPS tender reference number]

We, the undersigned, declare that:

1. We understand that, according to your conditions, offers must be supported by a bid securing declaration.
2. We accept that we could be declared ineligible to participate in future UNOPS tenders in accordance with the regulations stipulated in the Procurement Manual section 3.3 Vendor Ineligibility if we violate our obligation (s) under the conditions of the offer if:
3. we withdraw our offer during the period of the offer validity specified by us in the offer submission form; or
4. we do not accept the correction of errors in accordance with the Instructions to Bidders in the bidding documents; or
5. after having been notified of the acceptance of our offer during the period of bid validity thereof, (i) we do not execute or refuse to execute the Contract form, if required; or (ii) we do not supply or refuse to provide the performance security.
6. We understand that this bid securing declaration will expire if we are not the successful bidders, and when one of the following events occurs first: (i) we receive a copy of your notification with the name of the successful bidder; or (ii) twenty-eight days have elapsed after the expiration of our offer.

I, the undersigned, certify that I am duly authorized by [insert full name of bidder] to sign this bid and bind [insert full name of bidder] should UNOPS accept this bid:

Name : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Title : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**FORM I: INDEPENDENT BID DECLARATION**

Bid for the

Supply, delivery and test of 3 Submersible pumps units (bowel assembly, Motors, Cables, Control panels, Raiser Pipes, etc.) complete with all required connections, gaskets, bolts and accessories, to be delivered to National Water & Sanitation Authority – Al Ghaydah Branch - NWSA- AL-GHAYDAH’s Warehouses, Al Ghaydah District - Al Maharah Governorate.

RFQ ref . ***RFQ/2025/XXXX ,*** dated ***[insert date]***

The undersigned, on submission of a bid for the competitive procurement process or invitation to bid (hereinafter referred to as “the bid”) for the *[insert brief description of the goods and/or services]* in *[name of country/city] –* invitation to bid no.: [insert invitation to bid ref. no.], in response to the call for bids made by the United Nations Office for Project Services (UNOPS), I hereby make the following statements, which I declare to be true and complete in all respects.

On behalf of [name of bidder or joint venture], hereinafter “the Bidder”, **I declare** that:

1. I understand that the bid submitted shall be disqualified if this statement is found not to be true and complete in all respects.
2. I am authorized by the Bidder to sign this declaration and to submit the attached bid on behalf of the Bidder.
3. Each person whose signature appears on the submitted bid has been authorized by the Bidder to establish its terms and to sign it on behalf of the Bidder.
4. For the purposes of this statement and the bid submitted, I understand that the word “competitor” shall include any natural or legal person, other than the Bidder, whether affiliated with the Bidder or not, who:
5. has been asked to submit a bid in response to this invitation to bid
6. might potentially submit a bid in response to this invitation to bid, based on their qualifications, skills or experience.
7. The Bidder discloses that (select the appropriate option from the following subsections, 5 (a) or 5 (b)):
8. The Bidder has submitted the bid independently and without consultation, communication, agreement or arrangement with any competitor: YES ☐ NO ☐
9. The Bidder has entered into consultation, communication, agreement or arrangement with one or more competitors with respect to this invitation to bid, full details of which the Bidder discloses in the accompanying documents, including the names of the competitors and the nature of and reasons for such consultation, communication, agreement or arrangement: YES ☐ NO ☐
10. In particular, and without limiting the generality of paragraphs 5 (a) or 5 (b) above, there has been no consultation, communication, agreement or arrangement with any competitor with respect to:
11. prices
12. methods, factors or formulas used to calculate prices
13. the intention or decision to submit a bid or not, or
14. the submission of a bid that does not meet the specifications of the invitation to bid, except as specifically disclosed under paragraph 5 (b) above.
15. In addition, there has been no consultation, communication, agreement or arrangement with any competitor as to the quality, quantity, specifications or delivery details for the products or services to which this invitation to bid relates as specifically disclosed under paragraph 5 (b) above.
16. The terms of the bid submitted have not been and shall not be knowingly disclosed by the Bidder, whether directly or indirectly, to any competitor prior to the date and time of the official bid-opening ceremony, or contract-awarding ceremony, whichever comes first.
17. I declare that the company I represent has commercial links with the following
18. corporations: [indicate the corporations that may or may not submit a bid for the purpose of this invitation to bid, detailing their commercial names and the type of links that exist with them.[[1]](#footnote-1) If there are no commercial links with any corporations, please enter “None”].

The above statements are also true and complete for the members of the joint venture: YES ☐ NO ☐ [If the answer is NO, details must be included of the members for whom any of the above statements are not met. This paragraph may be deleted if the Bidder is not a joint venture].

Name : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Position : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**FORM J: UNITED NATIONS SUPPLIER CODE OF CONDUCT DECLARATION OF ELIGIBILITY**

**UNOPS expects all bidders to act in accordance with the highest ethical standards throughout the competitive procurement process, as well as during the validity of any contract that may be awarded to them through the process. Therefore, all bidders must declare and ensure the following.**

**If the bidder’s status in relation to this declaration changes, it must inform UNOPS immediately. Failure to comply with this requirement shall automatically render the bidder ineligible. This document does not require notarization.**

Bid for the:

***Supply, delivery and test of 3 Submersible pumps units (bowel assembly, Motors, Cables, Control panels, Raiser Pipes, etc.) complete with all required connections, gaskets, bolts and accessories, to be delivered to National Water & Sanitation Authority – Al Ghaydah Branch- NWSA- AL-GHAYDAH’s Warehouses, Al Ghaydah District - Al Maharah Governorate.***

RFQ ref . ***RFQ/2025/XXXX ,*** dated ***[insert date]***

The undersigned, on submission of a bid for the competitive procurement process or invitation to bid (hereinafter referred to as “the bid”) for the *[insert brief description of the goods and/or services]* in *[name of country/city] –* invitation to bid no.: Invitation to bid no.: [insert invitation to bid ref. no.], in response to the call for bids made by the United Nations Office for Project Services (UNOPS), I hereby make the following statements:

1. We have not and shall not engage in proscribed practices in connection with the UNOPS competitive procurement processes. For the purposes of this provision, a “proscribed practice” means any of those listed on the UNOPS website under “Vendor Sanctions”, including those listed below:

* Corrupt practice: the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party.
* Fraudulent practice: any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation.
* Coercive practice: any act or omission that impairs or harms, or threatens to impair or harm, directly or indirectly, any party or the property of the party to improperly influence the actions of a party.
* Collusive practice: an arrangement between two or more parties designed to achieve an improper purpose, including influencing improperly the actions of another party.
* Unethical practice: conduct or behaviour that is contrary to the conflict of interest, gifts and hospitality, post-employment provisions or other published requirements of doing business with UNOPS.
* Obstruction: acts or omissions by a vendor that prevent or hinder UNOPS from investigating instances of possible proscribed practices.

1. We understand that in the event of any breach of these declarations or guarantees, UNOPS shall have the right to reject any bid submitted by us and may terminate any contract awarded to us as a result of any competitive procurement process, giving immediate notice thereof, and that UNOPS shall not be liable for termination charges or any other charges. In addition, UNOPS may exclude us from future work with the organization or other entities within the United Nations system.
2. We commit to adhering to the highest ethical standards during the execution of any contract, in accordance with point 40. Ethics and corrupt practices of Section II: instructions to bidders of the bidding document.
3. We understand that UNOPS may cancel or terminate the contract, without penalty and without notice, if we are found to have engaged in collusion, corrupt practices or unethical behaviour, and may also declare us – both our organization and its board of directors and/or individual staff – ineligible indefinitely or for a limited period of time. We understand that UNOPS may also cancel or rescind contracts for the same reason.
4. We shall not employ, nor do we plan to employ, any person who has been a United Nations official in the past year. If an employee has been a United Nations official, they shall have had no professional relationship with us in the last three (3) years of their service with the United Nations.

The above statements are also true and complete for the members of the joint venture: YES ☐ NO ☐ [If the answer is NO, details must be included of the members for whom any of the above statements are not met. This paragraph may be deleted if the Bidder is not a joint venture].

Name : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Position : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Bidders with commercial links are **required** to clearly state such links. Failure to do so may be interpreted as a proscribed practice as set out in Section 1.5.3.2 of the UNOPS Procurement Manual. [↑](#footnote-ref-1)