**Malteser International**

**Country Coordination Office**

**Plot No: 445 Kololo Road 3k South**

**Tong Ping, Juba Town**

**Juba, South Sudan**

**14th February 2022**

**Specification of Bidding**

**SOB\_WAU\_2022\_0042**

For drilling and equipping of four boreholes in Hai Mayonga and Hai Shemish in Raja County under the project 1357-WAU.

Drilling and equipping of the four boreholes

1. Annex 1: Specification of Bidding
2. Annex 2: Bill of Quantity

We look forward to receiving your tenders on **18th February 2022 at or before 4:00pm** via E-mail to**:** [**mb.procurement-juba@malteser-international.org**](mailto:mb.procurement-juba@malteser-international.org) or in a sealed envelope in Malteser International Wau Office West Residential Area Next to CARE International Office in Hai Daraja in Wau from Monday to Friday from 9:00am to 4:00pm.

Please write in the Subject line of your email with tender: **“SOB\_WAU\_2022\_0042 for drilling and equipping of four boreholes”.**

Sincerely Yours,

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| --- | --- | --- |
| [Logo Malteser International](http://www.malteser-international.org/) |  | **South Sudan Coordination Office**  Nermin Silajdzic. Country Logistics and Security Cordinator  Plot No. 445, Block 3, Kololo - US Embassy Road.  Central Equitorial State, Juba, South Sudan M: +211 (0) 911 746 963 · M: +211 (0) 924 767 949 [nermin.silajdzic@malteser-international.org](mailto:nermin.silajdzic@malteser-international.org) · Skype: nsilajdzic [www.malteser-international.org](http://www.malteser-international.org/) Malteser International Europe/Malteser Hilfsdienst e. V., County Court Cologne, VR 4726 Executive Board: Karl Prinz zu Löwenstein, Dr. Elmar Pankau, Douglas Graf Saurma-Jeltsch, Verena Hölken |
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# A. SPECIFICATION OF THE TENDERS

Related to our **SOB\_WAU\_2022\_0042** MI herewith calls tenders for drilling and equipping of four boreholes in Hai Mayonga and Hai Shemish in Raja County.

# Description of the organization and its activities

**Objective of the Request for Quotation:** In accordance with the overall project targets of the above-mentioned operations, MI plans to drill and equipping of four boreholes in Hai Mayonga and Hai Shemish in Raja County under the project 1357-WAU.

Competent and qualified companies are therefore invited to present tenders complying with the requirements specified.

# Tender Presentation

The tender shall be received via E-mail to**:** [**mb.procurement-juba@malteser-international.org**](mailto:mb.procurement-juba@malteser-international.org) or in a sealed envelope in Malteser International Wau Office West Residential Area Next to CARE International Office in Hai Daraja in Wau from Monday to Friday from 9:00am to 4:00pm on **18th February 2022 at or before 4:00pm at or before 4:00pm**

* The tender shall be written in English.
* The envelope must state the following information:
* Reference to the Request for Quotation
* Address to which the quotation is being submitted (see above)
* The words ***“Not to be opened before deadline”*** written in English
* The tender should be valid for **60 days after the deadline.**
* The format BoQ can be used or a separate one depending on supplier’s choice.

# General conditions

* The tender shall be typed or written and signed on each page by the legal representative of the supplier,
* The winning supplier might be requested to provide catalogues, pictures, technical descriptions and/or samples of items at the order stage when required,
* The prices of the tender will be expressed in United States Dollars. The prices must be on unit price basis as well as by totals,
* The prices will be considered fixed. No additional change of whatsoever nature and type will be accepted by Malteser International,
* Malteser International reserves the right to accept or reject all tenders depending on prevailing condition at the time.

# Validity of tenders

Each company is bound to the tender submitted for a period of 60 days from the deadline for submission of tenders.

# Language of tenders

All tenders, official correspondence between companies and MI, as well as all documents associated with the tender request will be in English.

# Submission of tenders

All tenders must conform to the following conditions:

# Each tender must have received via E-mail to: [mb.procurement-juba@malteser-international.org](mailto:mb.procurement-juba@malteser-international.org) or in a sealed envelope in Malteser International Wau Office West Residential Area Next to CARE International Office in Hai Daraja in Wau from Monday to Friday from 9:00am to 4:00pm on 18th February 2022 at or before 4:00pm at or before 4:00pm.

# Content of tender

All submitted tenders must conform to the requirements mentioned in the request for bid. Furthermore, they must include the following documents:

**Part 1 - Tender:** A tender for drilling and equipping of boreholes in New Khor, Abul and Uyujuku, Raja County. The formatted BOQ can be used or a separate one depending on supplier’s choice. Additional sheets may be attached for further details.

**Part 2 - Legal documents**

* Copy of the company’s certificate of incorporation,
* Copy of Chamber of Commerce registration,
* Copy Tax Identification Certificate,
* Copy of Certificate of Operation,
* Company’s Bank Statement of last three months,
* Questionnaire for tender,
* Company’s official address,
* Bank account details (where money would be paid)

# Ownership of tenders

MI reserves/funds ownership of all tenders received. Consequently, bidders will not be able to stipulate requirements that their tenders are to be returned.

1. **Opening of submitted tenders.**

The Evaluation Committee will open the tenders on 18th February 2022 in MI Country Coordination Office in Juba, South Sudan. The Evaluation Committee will record the selection process in writing.

# Tender evaluation

The criteria applied for the evaluation will be the legal conformity, the price, the technical experiences, the compliance with technical specifications and quality standards, and the capacity to deliver and delivery time. The supply will be awarded to the winning bidder according to the timetable mentioned above.

1. **Exclusion criteria**

**The following are exclusion criteria:**

1. **Not submitted the following company registration documents in South Sudan:**
   * 1. **Copy of the company’s certificate of incorporation,**
     2. **Copy of Chamber of Commerce registration,**
     3. **Copy Tax Identification Certificate,**
     4. **Copy of Certificate of Operation,**
2. **Not bided according to the specification,**
3. **Not submitted questionnaire to tender,**
4. **Mathematical error of total bided price >±2 %.**
5. **Specific Technical and Financial Evaluation Criteria to standards:**

* Evaluation of tenders and justification basing on responsiveness of the selected supplier by evaluation committee.
* Contract agreement will directly be issued to the selected supplier upon approval.

1. **Terms of payment**

The payment for the goods/services supplied will be in United States Dollar by bank transfer or cheque as specified below:

* Payment will be done after 15 days upon successful completion of drilling boreholes in Hai Mayonga and Hai Shemish, Raja Payam in Raja County and supporting invoices from the Supplier to MI Office.

**Annex 2: Bill of Quantity**

For drilling and equipping of four boreholes in Hai Mayonga and Hai Shemish in Raja County

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Proposed Bill of Quantity for drilling and equipping four boreholes** | | | | | |
| The quantities stated against each item of the Bill of Quantities (BOQ) are the estimated quantities and are therefore provisional. The contractor shall be paid for **actual quantities used**. | | | | | |
|  | | | | | |
| S/N | Description | Unit | Qty | Unit price USD | Amount USD |
| **1. Preliminary and general** | | | | |  |
| 1.1 | Mobilization of personnel, equipment and materials | Lump sum | 1 |  |  |
| 1.2 | Geo physical survey  Perform VES ground water survey and determine most potential and appropriate location for high yield borehole. The survey must be conducted by an experienced Hydrogeologist consultant /expert. Including preparation and submission of hydrogeological report | Borehole | 4 |  |  |
| **Subtotal 1. Preliminary and general** | | | | |  |
| **2. Borehole construction** | | | | |  |
| 2.1 | Drilling to a **maximal depth of 85m**  Note: Depth depending on geophysical survey (most boreholes in the area are 50m deep and the water intake is at around 15 to 25m depth) | Metres | 340 |  |  |
| 2.2 | Sampling and storage of drill cuttings at 2m intervals or as instructed by Engineer for each of the three boreholes separately | Borehole | 4 |  |  |
| 2.3 | Supply and installation of UPVC casings (5"ND) 3M long x 170mm (5") external diameter with a minimum thickness of 3mm including end cap (average of 50m minus the length of the screen) | Pieces | 84 |  |  |
| 2.4 | Supply and installation of UPVC screens (5"ND ) 3M long x 170mm (5") external diameter with a minimum thickness of 3mm (average of 12m per BH) | Pieces | 20 |  |  |
| 2.5 | Supply and installation of gravel pack with uniform grading between 2.5 and 4.0 mm diameter from clean river gravel (5m3 per BH) | m3 | 24 |  |  |
| 2.6 | Well developed during a minimum of 6 hours until a stabilized satisfactory yield is reached and the turbidity is less than 5 NTU clear water according to technical specifications | hrs | 24 |  |  |
| 2.7 | Supply and installation of cement grouting of 1m diameter and 4m depth below the ground level, with all required activities, around the casing to act as sanitary seal (1m3 per BH) | m3 | 4 |  |  |
| **Subtotal 2. Borehole construction** | | | | |  |
| **3. Test pumping** | | | | |  |
| 3.1 | Perform a minimum of 4 to 6 hours constant rate test and recovery data are to be reported on standard borehole log. At least a yield of 5,000 ltrs/h is realized as per installation | lumpsum per BH | 4 |  |  |
| **Subtotal 3. Test pumping** | | | | |  |
| **4. Water quality analysis** | | | | |  |
| 4.1 | Water sampling, physical test, bacteriological and chemical test analysis, Original copies of results of the Water quality testing, showing date of sampling and date of analysis must be availed by contractor prior to payment for drilled borehole. The analysis to be checked against GOSS and WHO standards, and levels to be permissible before further construction. | Borehole | 4 |  |  |
| 4.2 | Clean and disinfect the borehole with chlorine solution of 50mg free chlorine per liter with all required related activities. | Borehole | 4 |  |  |
| **Subtotal 4. Water quality analysis** | | | | |  |
| **5. Hand pump installation** | | | | |  |
| 5.1 | Supply and installation of pedestral, water tank, pump head assembly and cylinder | Boreholes | 4 |  |  |
| 5.2 | Supply and installation of India Mark II raiser pipes with sockets and connecting rods (according to water level and pump test; average of 13 pipes) | Boreholes | 52 |  |  |
| **Subtotal 5. Hand pump installation** | | | | |  |
| **6. Head work** | | | | |  |
| 6.1 | Reinforced Concrete construction of apron (diameter 2m, raised 40cm to allow proper drainage) and installation of the hand pump pedestal & third plate, to cover the borehole. Construction of a drainage channel (6m long). Keep moist for at least 72 hours. | Boreholes | 4 |  |  |
| 6.2 | Excavation and construction of soak away pit (2m deep) filled up with stones | Boreholes | 4 |  |  |
| 6.3 | Cleaning the working site and removing all of the unnecessary items and foreign materials | Boreholes | 4 |  |  |
| 6.4 | Completion reports (borehole log) | Boreholes | 4 |  |  |
| **Subtotal 6. Head work** | | | | |  |
|  |  |  |  |  |  |
| **TOTAL** | | | | |  |
|  |  |  |  |  |  |
| **Note:** Grand total should include for all costs associated with the drilling works including but not limited to company overhead, labor, materials, transport and 10% withholding tax on services. Contractors are advised to familiarize themselves with the site location in order that they may know the cost of transport. | | | | | |

On behalf of Malteser International

14th February 2022

Yours faithfully,

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