



## REQUEST FOR QUOTATION (RFQ) (Goods)

NAME & ADDRESS OF FIRM: All interested companies	DATE: 26 November 2020
	REFERENCE: 2020/UNDP/GAM/PACD/008

Dear Sir / Madam:

We kindly request you to submit your quotation for drilling of ten (10) boreholes, as detailed in Annex 1 of this RFQ. When preparing your quotation, please be guided by the form attached hereto as Annex 2.

Quotations may be submitted on or before December 6, 2020 and via ☒ *e-mail* to the address below:

**United Nations Development Programme**  
5 Kofi Annan Street, Cape Point, Bakau  
P.O.Box 553 Banjul, Republic of The Gambia  
**Email address: *bids.gm@undp.org***

Quotations submitted by email must be limited to a maximum of five (5) MB, virus-free and no more than two (2) email transmissions. They must be free from any form of virus or corrupted contents, or the quotations shall be rejected.

It shall remain your responsibility to ensure that your quotation will reach the address above on or before the deadline. Quotations that are received by UNDP after the deadline indicated above, for whatever reason, shall not be considered for evaluation. If you are submitting your quotation by email, kindly ensure that they are signed and in the .pdf format, and free from any virus or corrupted files.

Please take note of the following requirements and conditions pertaining to the supply of the abovementioned services:

Exact Address/es of Delivery Location/s (identify all, if multiple)	The sites on intervention are provided in Annex 1.
Latest Expected Delivery Date and Time <i>(if delivery time exceeds this, quote may be rejected by UNDP)</i>	Bidders will make a proposal for their own implementation period. The shortest period will be an asset in evaluation of the bid. The bidders will have to provide an effective delivery schedule.
Delivery Schedule	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Not Required
Preferred Currency of Quotation	<input type="checkbox"/> United States Dollars <input type="checkbox"/> Euro <input checked="" type="checkbox"/> Local Currency : <b>GMD</b>
Value Added Tax on Price Quotation	<input type="checkbox"/> Must be inclusive of VAT and other applicable indirect taxes <input checked="" type="checkbox"/> Must be exclusive of VAT and other applicable indirect taxes
After-sales services required	<input checked="" type="checkbox"/> Warranty on Parts and Labor for minimum period of 12 months <input checked="" type="checkbox"/> Technical Support <input type="checkbox"/> Provision of Service Unit when pulled out for maintenance/ repair <input type="checkbox"/> Others
Deadline for the Submission of Quotation	COB, <b>Sunday, December 06, 2020 and 11:59 pm</b>
All documentations, including catalogs, instructions and operating manuals, shall be in this language	<input checked="" type="checkbox"/> English <input type="checkbox"/> French <input type="checkbox"/> Spanish <input type="checkbox"/> Others
Documents to be submitted	<input checked="" type="checkbox"/> Duly Accomplished Form as provided in Annex 2, and in accordance with the list of requirements in Annex 1; <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <b>List of previous contracts executed for similar services in the last three years, including the address of the clients.;</b> <input type="checkbox"/> <input checked="" type="checkbox"/> Quality Certificates (ISO, etc.); <input checked="" type="checkbox"/> Latest Business Registration Certificate ; <input checked="" type="checkbox"/> Latest Internal Revenue Certificate / Tax Clearance; <input checked="" type="checkbox"/> Manufacturer's Authorization of the Company as a Sales Agent (if Supplier is not the manufacturer); <input type="checkbox"/> <input checked="" type="checkbox"/> Evidence/Certification of Environmental Sustainability ("Green" Standards) of the Company or the Product being supplied; <input type="checkbox"/> Complete documentation, information and declaration of any goods classified or may be classified as "Dangerous Goods". <input type="checkbox"/> Patent Registration Certificates (if any of technologies submitted in the quotation is patented by the Supplier); <input checked="" type="checkbox"/> Written Self-Declaration of not being included in the UN Security Council 1267/1989 list, UN Procurement Division List or other UN Ineligibility List;

Period of Validity of Quotes starting the Submission Date	<input type="checkbox"/> 60 days <input type="checkbox"/> 90 days <input checked="" type="checkbox"/> 120 days  In exceptional circumstances, UNDP may request the Vendor to extend the validity of the Quotation beyond what has been initially indicated in this RFQ. The Proposal shall then confirm the extension in writing, without any modification whatsoever on the Quotation.
Partial Quotes	<input type="checkbox"/> Not permitted <input checked="" type="checkbox"/> Permitted : per region: in case a bidder can not realize all 10 boreholes as indicated in the statement of works in Annex 1, he/she can provide bid for boreholes with the same region, per lot. <b>Bidders will prove in their offer capacity (equipment and human resources) to realize more than one lot.</b>
Payment Terms	<input checked="" type="checkbox"/> 100% upon complete delivery of goods. <input checked="" type="checkbox"/> Others : <b>Different payment terms can be negotiated according to agreeable milestones before signing the contract.</b>
Liquidated Damages	<input type="checkbox"/> Will not be imposed <input checked="" type="checkbox"/> Will be imposed under the following conditions : Percentage of contract price per day of delay : 0.5% Max. no. of days of delay : 30 days After which UNDP may terminate the contract.
Evaluation Criteria	<input checked="" type="checkbox"/> Technical responsiveness/Full compliance to requirements and lowest price <sup>1</sup> <input checked="" type="checkbox"/> List of equipment to be used and CVs of lead experts <input checked="" type="checkbox"/> Comprehensiveness of after-sales services <input checked="" type="checkbox"/> Full acceptance of the PO/Contract General Terms and Conditions <input checked="" type="checkbox"/> Earliest Delivery / Shortest Lead Time: <b>Bidders are required to propose their shortest execution period for their offer.</b>
UNDP will award to:	<input type="checkbox"/> One and only one supplier <input checked="" type="checkbox"/> One or more Supplier, depending on the following factors: <i>The most competitive bidder per region. To shorten the realization period, UNDP may decide to award one bidder per lot.</i>
Type of Contract to be Signed	<input type="checkbox"/> Purchase Order <input checked="" type="checkbox"/> Contract Face Sheet (Goods and-or Services) UNDP <input type="checkbox"/> Other Type/s of Contract

<sup>1</sup> UNDP reserves the right not to award the contract to the lowest priced offer, if the second lowest price among the responsive offer is found to be significantly more superior, and the price is higher than the lowest priced compliant offer by not more than 10%, and the budget can sufficiently cover the price difference. The term "more superior" as used in this provision shall refer to offers that have exceeded the pre-determined requirements established in the specifications.

Contract General Terms and Conditions	<input checked="" type="checkbox"/> General Terms and Conditions for contracts (goods and/or services)  Applicable Terms and Conditions are available at <a href="http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html">http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html</a>
Special conditions of Contract	<input checked="" type="checkbox"/> Cancellation of PO/Contract if the delivery if completion is delayed by 30 days <input type="checkbox"/> Others
Conditions for Release of Payment	Passing Inspection Complete Installation <input checked="" type="checkbox"/> Passing all Testing <input type="checkbox"/> Completion of Training on Operation and Maintenance <input checked="" type="checkbox"/> Written Acceptance of Goods based on full compliance with RFQ requirements <input checked="" type="checkbox"/> Others: Certification of milestone completion by the Government Institution in charge of water.
Annexes to this RFQ	<input checked="" type="checkbox"/> Specifications of the Goods/service Required (Annex 1) <input checked="" type="checkbox"/> Form for Submission of Quotation (Annex 2) <input checked="" type="checkbox"/> <a href="#">General Terms and Conditions / Special Conditions</a> <input type="checkbox"/> Others  Non-acceptance of the terms of the General Terms and Conditions (GTC) shall be grounds for disqualification from this procurement process.
Contact Person for Inquiries (Written inquiries only) <sup>2</sup>	<i>Thomas Mugabiyimana</i> Team Leader <a href="mailto:thomas.mugabiyimana@undp.org">thomas.mugabiyimana@undp.org</a> Any delay in UNDP's response shall be not used as a reason for extending the deadline for submission, unless UNDP determines that such an extension is necessary and communicates a new deadline to the Proposers.

Goods offered shall be reviewed based on completeness and compliance of the quotation with the minimum specifications described above and any other annexes providing details of UNDP requirements.

The quotation that complies with all of the specifications, requirements and offers the lowest price, as well as all other evaluation criteria indicated, shall be selected. Any offer that does not meet the requirements shall be rejected.

<sup>2</sup> This contact person and address is officially designated by UNDP. If inquiries are sent to other person/s or address/es, even if they are UNDP staff, UNDP shall have no obligation to respond nor can UNDP confirm that the query was received.

Any discrepancy between the unit price and the total price (obtained by multiplying the unit price and quantity) shall be re-computed by UNDP. The unit price shall prevail and the total price shall be corrected. If the supplier does not accept the final price based on UNDP's re-computation and correction of errors, its quotation will be rejected.

After UNDP has identified the lowest price offer, UNDP reserves the right to award the contract based only on the prices of the goods in the event that the transportation cost (freight and insurance) is found to be higher than UNDP's own estimated cost if sourced from its own freight forwarder and insurance provider.

At any time during the validity of the quotation, no price variation due to escalation, inflation, fluctuation in exchange rates, or any other market factors shall be accepted by UNDP after it has received the quotation. At the time of award of Contract or Purchase Order, UNDP reserves the right to vary (increase or decrease) the quantity of services and/or goods, by up to a maximum twenty-five per cent (25%) of the total offer, without any change in the unit price or other terms and conditions.

Any Purchase Order that will be issued as a result of this RFQ shall be subject to the General Terms and Conditions attached hereto. The mere act of submission of a quotation implies that the vendor accepts without question the General Terms and Conditions of UNDP indicated above - <http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html>.

UNDP is not bound to accept any quotation, nor award a contract/Purchase Order, nor be responsible for any costs associated with a Supplier's preparation and submission of a quotation, regardless of the outcome or the manner of conducting the selection process.

Please be advised that UNDP's vendor protest procedure is intended to afford an opportunity to appeal for persons or firms not awarded a purchase order or contract in a competitive procurement process. **In the event that** you believe you have not been fairly treated, you can find detailed information about vendor protest procedures in the following link: <http://www.undp.org/content/undp/en/home/operations/procurement/protestandsanctions/>

**UNDP encourages every prospective Vendor to** avoid and prevent conflicts of interest, by disclosing to UNDP if you, or any of your affiliates or personnel, were involved in the preparation of the requirements, design, specifications, cost estimates, and other information used in this RFQ.

UNDP implements a zero tolerance on fraud and other proscribed practices, and is committed to identifying and addressing all such acts and practices against UNDP, as well as third parties involved in UNDP activities. UNDP expects its suppliers to adhere to the UN Supplier Code of Conduct found in this link : [http://www.un.org/depts/ptd/pdf/conduct\\_english.pdf](http://www.un.org/depts/ptd/pdf/conduct_english.pdf)

**Thank you and we look forward to receiving your quotation.**

**Sincerely yours,**

**Thomas Mugabiyimana**  
Team Leader  
November 26, 2020

## TECHNICAL SPECIFICATIONS

### Borehole Specifications

#### General Requirements

- a) The exact drilling points shall be determined through the site transfer under the direction of the Client or his representatives.
- b) All measurements, such as borehole depth, water levels and any other hydrogeological data required in the Technical Specifications, shall be taken from a fixed point at ground level.
- c) The Contractor shall keep all roads and areas adjacent to and leading to the site, clean and free from mud, dust and construction debris, and shall not interfere with traffic and other activities of the inhabitants during the execution of the construction works.

#### Construction/Drilling Plan

The construction plan documented by the Contractor shall be approved by the Client prior to commencement of the Work. The construction plan shall cover the items listed below.

- a) Construction schedule
- b) Management system and team formation
- c) Material and equipment to be employed
- d) Construction methodology
- e) Test and inspection methodology and schedule
- f) Quality control system
- g) Technology transfer program, if requested
- h) Security and health/sanitation measures

#### Borehole drilling diameter and depth

- a) 14" for drilling diameter and surface casing ( $\phi 12''$ ) x 2 m
- b) 10" for drilling diameter and for casing (6") x 70% of depth
- c) 10" for drilling diameter and for screen (6") x 30% of depth
- d) Boreholes shall be finished with gravel packing by proper materials i.e. 1 mm to 2 mm diameter and shall be 7 m to 10 m above screen level.
- e) Slot size of the screens to be radial and slot –width of 0.5 mm to 0.75 mm, minimum 6% open area
- f) Casing, screen's wall thickness and collapse resistance minimum 7.5 mm and 8 bars respectively
- g) Casing and screen should have thread connection of trapezoidal thread of pitch 6 mm
- h) Inner diameter of casings and screens minimum 150 mm
- i) Bentonite seal of **2 m** between the gravel pack and back fill material

*Table 1: List of Borehole Sites*

No	Region	Districts	Name of Borehole site
1	WCR	Brikama North	Bonsa
2	LRR	Kiang West	Manduar

3	LRR	Kiang East	Kolior Nyamala, Sula and Jallow
4	CRR	Niani	Kayai
5	CRR	Fulladou West	Njorem and Sankabary
6	URR	Wulli East	Sare Modou Jawo, Sakoli Kunda
7	URR	Wulli East	Mureh Kunda and Sare Wuro
8	URR	Wulli West	Manakoto Foday and Keita
9	URR	Fulladu East	Bisandougou
10	NBR	Upper Nuimi	Kabakoto (Ker Ousman Busso) and Malick Nana

## Materials

The Contractor shall describe the specifications and procurement plan of any material in the construction plan and shall receive approval by the Client's Supervisor in writing. All construction materials shall be free of toxicity, but if any toxic materials are planned to be used, the Contractor shall consult with the Client's Supervisor. The quantity of any material for borehole construction shall be procured in consideration of the success ratio.

### Casing and screen pipe with well bottom and well cap

- Material: high grade uPVC, toxic-free and normal inner diameter of 150 mm
- Trapezoidal thread of pitch 6 mm
- Diameter (nominal): 6" for standard borehole
- Collapse resistance: not less than 8 bars
- Unit length: 5.75 m or otherwise approved by the Client's Supervisor
- Screen slot size: 0.50 mm to 0.75 mm
- Wall thickness of minimum 7.5 mm

Both ends of pipes shall be protected to avoid being damaged at any stage of mobilization, storage and other situations. Casing Pipes shall not be exposed to the sun to avoid deterioration of physical performance.

The design length of screens to be utilized shall be subject to the penetrated hydrogeological conditions, and the exact length and positioning shall be programmed in time for the installation work after operation of geophysical logging to get instruction and approved by the Client.

### Centralizer

- Material: non-corrosive or equivalent
- Size: for holes drilled by  $\phi 10''$  bit, type suitable for 6" casing
- Other materials

Any other materials (i.e., fluid additives, bits, DTH direct rotary, well caps and bottoms) to be consumed through the borehole construction shall be prepared by the Contractor at his expense.

## Construction Method

### Drilling Procedure

The procedure for borehole construction is as follows. Depending on geological and hydrogeological conditions, alternative procedures can be employed with approval of the Client's Supervisor.

- a) Drill hole for conductor pipe
- b) Set conductor pipe
- c) Drill down to design depth
- d) Perform electric logging (report to the Client's Supervisor)
- e) Design casing program (approved by the Client's Supervisor)
- f) Set casing and screen
- g) Set gravel pack in annulus
- h) Develop well by air-lift
- i) Set cementation
- j) Perform pumping test (step, continuous, recovery)
- k) Water sampling
- l) Analyze water quality at an official laboratory

### Drilling Operation

- a) The boreholes shall be drilled with drilling machines and tools provided by the Contractor.
- b) Depending on the geological conditions, different drilling methods may be required.
- c) Refer to the Tender Drawings for drilling and completion as 6" diameter (uPVC).
- d) Samples of materials encountered shall be taken and analyzed in the course of the drilling at each borehole. The Contractor shall acquire representative samples of sub soils encountered at intervals of 1m for every borehole. Each sample shall be placed in an approved suitable container and clearly and securely labelled with the borehole reference number, site name, date and depth at which it was taken. The Contractor shall retain these samples for visual inspection by the Client's Supervisor.
- e) The Contractor shall measure temperature, pH and Electrical Conductivity of water samples during pumping tests.
- f) Detailed records in English of all operations shall be kept throughout the construction period for every borehole and hand dug well, and the Client shall have full access to all records at any time. These records shall include the following items.
  - Site names, well numbers, and village names
  - GPS data of drilling points
  - Drilling diameters and depths
  - Locations and descriptions of geological formations
  - Soil sampling depths
  - Water level depths
  - Casing program for the boreholes
  - Depths at which drilling fluid additives were used
  - Operation schedule and timetables
  - Other observation

### Installation of Casing and Screen

- a) The particulars of casing and screen for each borehole depending on the aquifer thickness shall be as follows.



**Table 2: Technical details**

Borehole	Nominal Diameter	Ave. Depth (m)	Casing (%)	Screen (%)	No. of Boreholes
Type I	6"	70 m	70	30	6

- b) The type of casing program to be applied depending on the aquifer thickness for each borehole shall be done as the aquifer's thickness availability.
- c) Based on the results of borehole logs, data regarding lost circulation zones and drilling logs for each borehole, a casing program, including the lengths and positioning of screen and blank sections of casings to be installed, shall be designed following instructions given by the Client.
- d) The Contractor shall keep a log recording the surface casing (guide pipe), casing pipes and screen lengths set at each borehole.
- e) A casing bottom plug shall be installed at the bottom end of the casing pipe according to the Tender Drawings.

Centralizers shall be fitted along all portions of the casing in the borehole at intervals of 20 m to 30 m as shown in the Tender Drawings.

## Placement of Gravel Pack

- a) Gravel materials shall be quartz composite, round shaped and uniform with diameters between 1 and 2 mm or those approved by the Client's Supervisor. Detailed procedures of preparation for gravel packing shall be approved by the Client's Supervisor.
- b) The gravel pack shall be placed before and during development by any convenient means including dumping from the surface. The Contractor, however, shall take every precaution to avoid excessive bridging of packing materials which might prevent the gravel pack from uniformly filling the annular space around the string of casings and screens.
- c) The casing shall be hung from the surface and should not be placed on the bottom to keep the casing straight throughout the gravel pack operation.

## Development

- a) After gravel has been fully packed, the Contractor shall start the development work by air-lifting.
- b) The Client's Supervisor can instruct a change in the development method and equipment.
- c) After installing the equipment, the Contractor shall develop the borehole by a starting and stopping operation, or by changing the discharge rate in order to induce reverse flow of water through the screen openings.
- d) The Contractor shall continue the development of each borehole until the borehole shows an adequately developed property and water is clear.
- e) Development work shall be logged and reported, including hours worked, methods used, frequency of swabbing and air-lifting, water levels before and after, water produced, and materials used according to instructions of the Client's Supervisor.

## Cementation

- a) The annular space between the casing and the wall of the drilled hole shall be sealed with clay and cement down to the directed depth from the surface. Pumping and other operations shall not be allowed for a number of instructed hours after completion of the cementation.
- b) Materials and preparation of the cement shall be approved by the Client's Supervisor.
- c) The Contractor shall keep a log recording the amount of cement placed in the borehole.

## Pumping Test

- a) Following the completion of development work, the Contractor shall, when instructed by the Client's Supervisor, conduct the pumping test of the borehole using pump and ancillary equipment prepared by the Contractor. A valve shall be provided in the discharge pipe work to permit flow control. The pump shall be installed at the most suitable mounting depth in such a way that accurate measurements of the water level can be made at any time whether or not the pump is working.
- b) The pumping test shall be performed in two stages. The first stage shall comprise a step draw down test at least four (4) steps and second stage shall consist of a constant discharge test followed by a recovery test. The recovery test shall be performed as soon as the pump is shut down and will continue to its initial or 95% static water level after completion of the first stage or at the time agreed upon by the Client's Supervisor at least 9 to 12 hours.
- c) The Contractor shall properly decide on the rate of discharge and duration of the tests necessary for the purpose of analysis of borehole yield. In the event of interruption at any testing stage, that stage shall be rescheduled at a time to be decided by the Client's Supervisor and re-tested through to completion without interruption. The Contractor shall bear the cost of any tests that are interrupted, in the opinion of the Client's Supervisor, due to negligence of the Contractor or to failure, breakdown or inadequacy of any of the plant or equipment provided by the Contractor, or where the collection or recording of data or samples has been unsatisfactory.
- d) All water levels in the borehole shall be measured using an approved measuring device. Spare devices and stopwatches shall also be available on the site for the duration of the tests.
- e) The static and pumping water levels in each production borehole shall be measured immediately before and throughout any pumping test. Time intervals shall be as follows:

Cumulative time from start or rate change (minutes)	Time interval between observations (mins)
0-10	1
10-20	2
20-30	3
30-60	5
60-120	10
120-240	20
240-360	30
Longer than 360	60

- f) The total water flow pumped from the borehole during the pumping test shall be measured by an approved method using a triangular weir or circular orifice.
- g) Discharge readings shall be recorded during the pumping test at intervals corresponding to those for water level measurements.

## Water Analysis

- a) Water samples shall be taken at the final stage of the constant discharge test. Measurement items are divided into two categories.
- b) The first category shall be measured in the field immediately when the sample is taken using equipment approved by the Client.
- c) The second category shall be measured at a laboratory approved by the Client's Supervisor.

### Category 1: Field test

The Contractor shall measure temperature, pH and EC of water samples during water level measurements. Results shall be reported to the Client immediately if any value exceeds the WHO standard for drinking water quality such as EC value of more than 200 mS/m.

### Category 2: Laboratory test

The minimum parameters to be analyzed in the laboratory shall be 16 items as follows.

Water Quality Analysis Items		
1. Total Hardness	8. Iron (Fe)	15. Nitrite
2. Turbidity	9. Ammonia	16. Fluoride
3. Alkalinity	10. Manganese (Mn)	
4. Sodium (Na)	11. Bicarbonate	
5. Potassium (K)	12. Chloride	
6. Magnesium (Mg)	13. Sulphate	
7. Calcium (Ca)	14. Nitrate	

### Borehole

### Cap

The Contractor shall set a borehole cap, which seals off the borehole, at each production borehole (whenever drilling, testing or other work is not taking place) or any unsuccessful borehole upon direction of the Client's Supervisor.

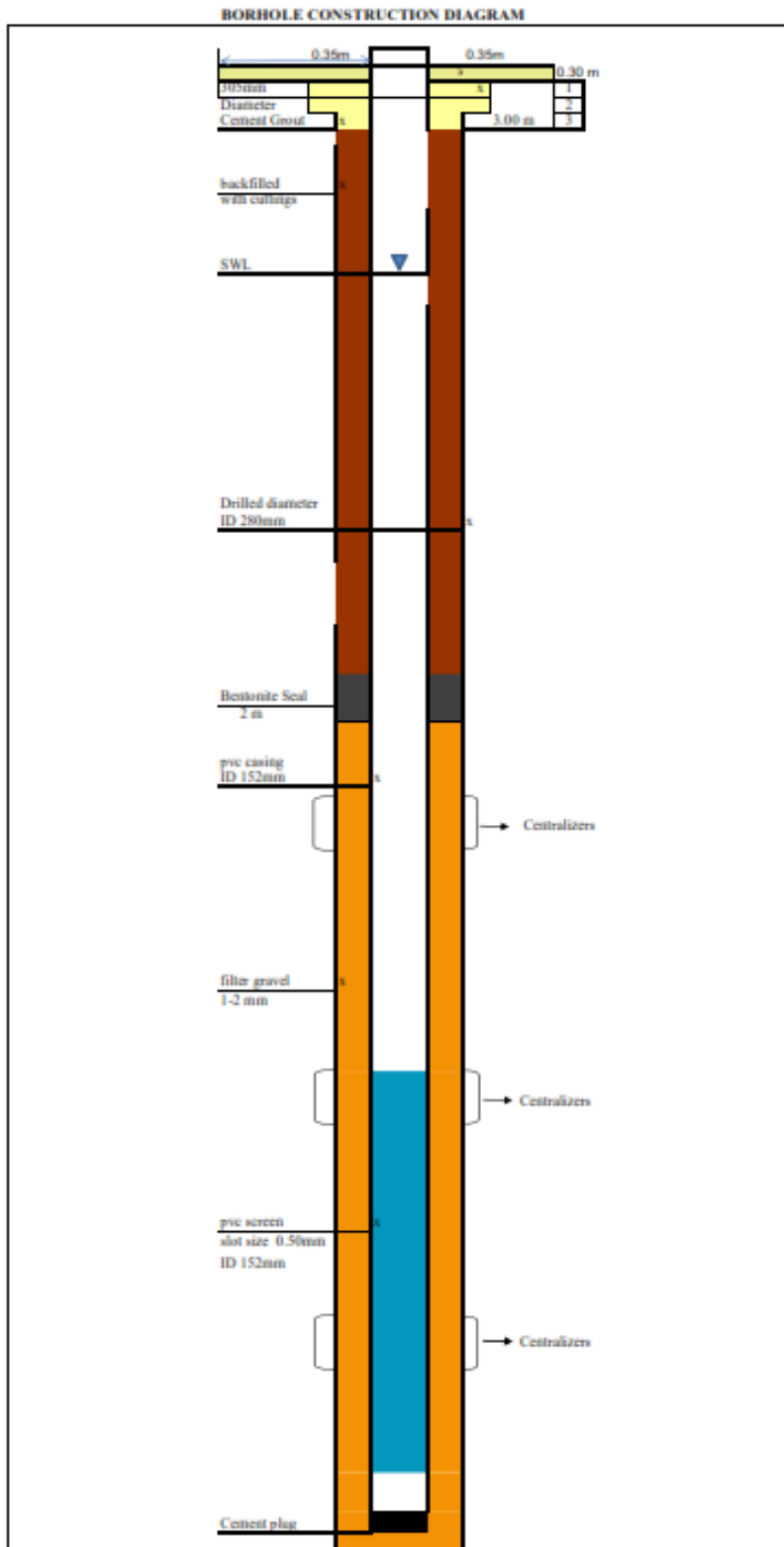
### Deficiencies

In case of deficiencies in the work, as defined hereafter, the consultant shall have the right to reject the work totally or partially or to require replacement of the rejected portion of the work. Any cost for casing, screen, mud and any other material spent, originated from the rejection by the Consultant, shall be compensated by the contractor at his own expense.

A borehole may be rejected for containing one or more of the following deficiencies.

- If the information required in this division is not sufficiently provided
- If the drilled borehole is closed by mud or debris which may have fallen into it, by broken rods, tools or anything which cannot be extracted or which prevent further planned work in the borehole from being carried out.
- If the casing and screens have not been set up in a correct way according to the aquifer thickness.
- If the borehole is not sufficiently developed.
- If the pumping test was started before the borehole has been sufficiently developed.
- If the borehole has any failure with any reason before handing over to the Client.
- If the performance of borehole does not satisfy the requirements (low yield, low water level, unpreferable water quality, etc).

# Borehole diagram



## Bill of Quantity

BILL OF QUANTITY FOR ONE BOREHOLE (TOTAL: 10)					
<p>The installation consists of the provision of 6 Large Boreholes(<math>\phi</math> 6") of nominal depth of 75 m installed in a true and workman like manner and in accordance with manufacturer's recommendation for items to be supplied and all in accordance with international acceptable standards. The descriptions in the Bill are purely to identify the works to be done and the Contractor is referred to the Specification and Drawing for the purpose of detailed pricing.</p>					
Item	Description of Items	Qty	Unit		
<b><u>I. DRILLING</u></b>					
<b><u>Core Diameter 305mm</u></b>					
A.	Surface drilling diameter 350mm and temporary casing diameter 300mm in depth not exceeding 2000mm.	2	m		
B.	Depth with core recovery in temporary casing 305mm diameter & removal holes not exceeding 6.0m depth	1	No		
C.	Well cap with key and installation	1	No		
<b><u>ROTARY DRILLED BOREHOLE</u></b>					
<b><u>Core Diameter 280mm</u></b>					
D.	Rotary drilling boreholes in nominal depth of 75m	70	m		
E.	Installation of UPVC casing of 70%	49	m		
F.	Installation of UPVC screen of 30%	21	m		
G.	Gravel packing(min 1000cm above the screen)	1	No		
H.	Cement grout and Backfilling	35	m		
J.	Bentonite Seal	2	m		
<b><u>SAMPLES</u></b>					
K.	Water sampling and water quality analyses WHO Standard			Item	

L.	Sieve analysis of main aquifer			Item	
	<b>Sub-total I. Drilling</b>				
	<b><u>II. SITE TESTS AND OBSERVATIONS - All in accordance with specification</u></b>				
A.	Development	6	Hrs		
B.	Step Draw down test per Hour	5	Hrs		
C.	Constant discharge test (24 hours)	24	Hrs		
D.	Recovery test 12 hours	12	Hrs		
	<b>Sub-toal II. Site tests</b>				
	<b>TOTAL FOR ONE (1) BOREHOLE</b>				
	<b>GRAND TOTAL FOR TEN (10) BOREHOLES</b>				

## FORM FOR SUBMITTING SUPPLIER'S QUOTATION<sup>3</sup>

*(This Form must be submitted only using the Supplier's Official Letterhead/Stationery<sup>4</sup>)*

We, the undersigned, hereby accept in full the UNDP General Terms and Conditions, and hereby offer to supply the items listed below in conformity with the specification and requirements of UNDP as per RFQ Reference No. \_\_\_\_\_:

**TABLE 1 : Financial Offer**

<b>BILL OF QUANTITY FOR ONE BOREHOLE (TOTAL: 10)</b>					
<p>The installation consists of the provision of 6 Large Boreholes(ϕ 6") of nominal depth of 75 m installed in a true and workman like manner and in accordance with manufacturer's recommendation for items to be supplied and all in accordance with international acceptable standards. The descriptions in the Bill are purely to identify the works to be done and the Contractor is referred to the Specification and Drawing for the purpose of detailed pricing.</p>					
<b>Item</b>	<b>Description of Items</b>	<b>Qty</b>	<b>Unit</b>	<b>Unit price (GMD)</b>	<b>Total price (GMD)</b>
	<b><u>I. DRILLING</u></b>				
	<b><u>Core Diameter 305mm</u></b>				
<b>A.</b>	Surface drilling diameter 350mm and temporary casing diameter 300mm in depth not exceeding 2000mm.	2	m		
<b>B.</b>	Depth with core recovery in temporary casing 305mm diameter & removal holes not exceeding 6.0m depth	1	No		
<b>C.</b>	Well cap with key and installation	1	No		
	<b><u>ROTARY DRILLED BOREHOLE</u></b>				

<sup>3</sup> This serves as a guide to the Supplier in preparing the quotation and price schedule.

<sup>4</sup> Official Letterhead/Stationery must indicate contact details – addresses, email, phone and fax numbers – for verification purposes

	<b><u>Core Diameter 280mm</u></b>				
	D. Rotary drilling boreholes in nominal depth of 75m	70	m		
	E. Installation of UPVC casing of 70%	49	m		
	F. Installation of UPVC screen of 30%	21	m		
	G. Gravel packing(min 1000cm above the screen)	1	No		
	H. Cement grout and Backfilling	35	m		
	J. Bentonite Seal	2	m		
	<b><u>SAMPLES</u></b>				
	K. Water sampling and water quality analyses WHO Standard			Item	
	L. Sieve analysis of main aquifer			Item	
	<b>Sub-total I. Drilling</b>				
	<b><u>II. SITE TESTS AND OBSERVATIONS - All in accordance with specification</u></b>				
	A. Development	6	Hrs		
	B. Step Draw down test per Hour	5	Hrs		
	C. Constant discharge test (24 hours)	24	Hrs		
	D. Recovery test 12 hours	12	Hrs		
	<b>Sub-toal II. Site tests</b>				
	<b>TOTAL FOR ONE (1) BOREHOLE</b>				
	<b>GRAND TOTAL FOR TEN (10) BOREHOLES</b>				



**TABLE 2 : Offer to Comply with Other Conditions and Related Requirements**

Other Information pertaining to our Quotation are as follows :	Your Responses		
	<i>Yes, we will comply</i>	<i>No, we cannot comply</i>	<i>If you cannot comply, pls. indicate counter proposal</i>
Delivery Lead Time	Bidder proposal in terms of months:		Bidder to propose his/her shortest implementation period
Estimated weight/volume/dimension of the Consignment:			
Country/ies Of Origin <sup>5</sup> :			
Warranty and After-Sales Requirements			
a) Training on Operations and Maintenance			
b) Minimum one (1) year warranty on both parts and labor			
c) Service Unit to be Provided when the Purchased Unit is Under Repair			
d) Brand new replacement if Purchased Unit is beyond repair			
e) Others			
Validity of Quotation			
All Provisions of the UNDP General Terms and Conditions			
Other requirements <i>[pls. specify]</i>			

All other information that we have not provided automatically implies our full compliance with the requirements, terms and conditions of the RFQ.

*[Name and Signature of the Supplier's Authorized Person]*

<sup>5</sup> *If the country of origin requires Export License for the goods being procured, or other relevant documents that the country of destination may require, the supplier must submit them to UNDP if awarded the PO/contract.*

*[Designation]*  
*[Date]*