



***REF: MSF WACA/NG202/2025/001 WATER PURIFICATION SYSTEM***

**MSF WaCA Kano Nigeria  
Setting Up Water Purification System at  
Unguwa Uku Primary Health Care.**

**INVITATION TO TENDER**

**Tender Closing Date and Time: 5:00pm 15/04/25**

## LETTER OF INVITATION

Dear Bidders,

Medecins Sans Frontieres (MSF WACA) is an International Private non-governmental, non-profit, humanitarian organization created in 1971. We offer medical assistance to population in distress, victims of natural or man-made disasters and to victims of armed conflicts irrespective of race, religion, creed or political affiliation. Médecins Sans Frontières observes neutrality and impartiality in the name of universal medical ethics and the right to humanitarian assistance and demands full and unhindered freedom in the exercise of its functions. MSF WACA works in over 70 countries globally and has been working continuously in Nigeria since 1996. Médecins Sans Frontières West and Central Africa -(MSF WACA) is currently operating in 5 countries of Africa. In Nigeria we are present in two states: Cross river (Southern part of the country) and Kano (Northern part of the country). We are looking for a dedicated company to deliver the service and supply water purification system in one of MSF WACA supporting facility. Participation in the Tender is based on the following conditions.

1. Your company must confirm in a “Letter of Intent” that it will submit a bid in response to this Invitation to Tender. The Letter of Intent must be delivered to the email address shown below no later than 15/04/2025
2. Your full tender bid is to be delivered to the email address below no later than **Tuesday, 15/04/2025**
3. All inquiries should be sent through the following email address: [msfw-nigeria-tender@waca.msf.org](mailto:msfw-nigeria-tender@waca.msf.org) and no later than 5:00pm 15/04/2025
4. All bidding documents and all related correspondence must be in English. All information and documents submitted by bidders must be accurate, correct and duly certified.
5. Bidders must regularly follow up on the issuance of further instructions and/or amendments to this invitation to tender.
6. MSF WACA reserves the right to accept or reject any Proposal, cancel the tender process and/or reject all Proposals at any time, without incurring any liability to bidders or any third parties.
7. Bidders will be advised, in due course, of the results of their Proposals. For more information, please contact:

Medecins Sans Frontieres West and Central Africa  
E-mail: [msfw-nigeria-tender@waca.msf.org](mailto:msfw-nigeria-tender@waca.msf.org)

Kind Regards:  
Mr. Hemmed Lokonge  
Project Coordinator

## 1. SCOPE OF WORK

No.	DESCRIPTION OF PRIZES	UNITY	QTY	
1	The water quality analysis of the treated water must be in conformance to parameters indicated in Annex 1 (National standard drinking water quality management (NSDWQ). Water analysis is expected to be conducted before and after set-up of treatment system.	NO	2	
2	Set up the treatment plant to treat all the unacceptable parameter in the water by installation R.O machine (foreign) with 8 membrane system with a production capacity of 2Ton in potable water production capacity per hour. (WANZHOU ACCURATE MACHINERY) brand	PCS	1	
3	The system should comprise pretreatment modules such as 1 Sand filter, 1 Activated carbon filter, 3 Water softener with capacity of 2Ton. respectively. 5-micron particulate filter (3 piece), 1 micro-carbon filter (3 piece), 0.5 micro filter (3 piece) before the reverse osmosis unit and post R.O UV light (1 piece), Disinfection and Bacterial Filters (0.25 micron) 1 piece Ozone generator sterilization equipment (6grm/6,000L/55kg, Wanzhou brand) desirable for yielding high purity water and maintain 2m <sup>3</sup> flow.	SUM	No	
4	All pretreatment modules should have Auto backwash and regeneration facility. These stages should be designed to handle water flow to support R O flow requirement. 50 - 60 % more than permeate flow. (There should be auto back) flush system.	SUM	1	
5	The water distribution loop, booster pump 2hp should be made up of stainless steel, Grundfos brand.	PCS	3	

6	Purchase analogue water flow meter an instrument to quantify the volume of water flowing through the pipe per unit time	PCS	5	
7	Storage water tank should have capacity of at least 5000 liters (gee pee) with outlet valves and easy cleaning provisions.	PCS	1	
8	Plumbing materials (PPR pipe, Elbo, Tee, Union, socket, back nut, adofter thread tape, gum etc)	SUM		
9	labour & transportation of good	NO		

### TECHNICAL SPECIFICATION:

- Feed Pump Type centrifugal, horizontal Discharge Capacity: - 2.5Kg/cm<sup>2</sup> (min). Material of construction SS304 Motor Rating: - 2.0HP. Electrical Requirement: - 220V, Single Phase.
- Multigrade Sand Filter. Needed Flow Rate: - 2m<sup>3</sup> lit/hr Min. / Max. Operating Pressure: - 1.5 Kg/cm<sup>2</sup> Material of construction FRP Backwash Duration / Freq. 10 – 15 Minutes / Once in a day Type of valve Top mounted multiport valve.
- Activated Carbon Filter Needed Flow Rate 2m<sup>3</sup> lit/hr Min. / Max. Operating Pressure: - 1.5 Kg/cm<sup>2</sup> Material of construction FRP Backwash Duration / Freq. 10 – 15 Minutes / Once in a day Type of valve Top mounted multiport valve.
- Water Softener Diameter x Height 13 inches x 54 mm Needed Flow Rate 2m<sup>3</sup> lit/hr Max / Minimum Pressure 3.5 / 2.0 Kg/cm<sup>2</sup> Material of construction FRP Regeneration frequency: 2/ week or depending on post softener Hardness. Type of valve Top mounted multiport valve.
- Micron Cartridge Filter Flow rate 2m<sup>3</sup> lit/hr Numbers offered 1 MOC Housing / Element PP Micron rating 5 micron (20 inch long).
- High Pressure Pump Type Vertical Multistage Capacity 2m<sup>3</sup> lit/hr Material of construction Stainless Steel (SS 304) Motor kW / hP / RPM 3.0 / 2.0 / 2900 Electrical connection 3 Phase, 415 V, 50 Hz.
- R.O. Module with 8 membranes with complete stainless-steel frame and pipe connection 304, 1ph (Wanzhou accurate machinery brand).

## 2. CONTENT OF THE OFFER

Interested firms are expected to provide verifiable copies of the following:

- Company Profile
- Copies of Certificate of Incorporation issued by the Corporate Affairs Commission (CAC).
- Valid Tax Identification Number (TIN)
- Documentary evidence showing experience in the execution of a similar project in the past.

### Financial:

#### 2.1. Tender Price:

The BOQ and unit prices schedule must be completed as follows:

- (i) Complete the price for each item on every page.
- (ii) Complete the price for the total of each work type.
- (iii) Complete the price for each work type in the Collection Summary
- (iv) The total of the Collection Summary becomes the **“Tender Price”**.
- (v) All prices in NGN (2% WHT applicable to all price offered)

- Payment terms
- Evidence of Tax Clearance for the last One year.
- Delivery Time & Offer Validity:
- Validity of quoted price in months

**2.2.** The following documents must be submitted in one folder as a (PDF Soft Copy) on electronic media to the provided email address:

- a. initialed General and Technical Specifications,
- b. initialed and completed Bill of Quantities and Unit Prices schedule,
- c. initialed Drawing Register of Project Plans and schematics,
- d. Initialed Detailed Chronogram for the starting dates and completion dates for the works with the time for mobilization clearly stated,
- e. Completed Tender Information Schedule comprising
  - i. Safety: Company Safety Information
  - ii. Material Schedule - A schedule of the brand and the data sheet of each material/ supply item to be used in the work,

**Original hard copies should be kept by bidders and may be requested at any time.**

**2.3.** Bidders must examine the instructions and terms contained herewith and shall submit all required documents and completed forms in their bid. Failure to do so may result in rejection of the bid.

**2.4.** Each of the qualified bidders is solely responsible for conducting its own independent research, due diligence, and any other work, studies or investigations and for seeking the necessary independent advice for the preparation of bid, negotiation of agreements and / or documents, and the subsequent provision of all services to be provided by the winning bidder.

### **3. Timeline**

The expected timeline for the Tender and Project Contract Period is shown in the table below:

<b>Activity</b>	<b>Tender Schedule Dates</b>
Site visit	<b>Every Thursday within the Tender publication</b>

	<b>date:25/03/2025 to 15/04/2025</b>
Submission of questions	<b>25/03/2025 to 15/04/2025</b>
Submission of tender bid	<b>25/03/2025 to 15/04/2025</b>

#### 4. CONTRACTOR'S ACTIVITY CHRONOGRAM

For the Completion of the Project Works the Contractor is required to submit a detailed chronogram demonstrating how he will achieve the works in the period allowed or any shorter period he may propose. Contractors are encouraged to submit alternative shorter periods if they consider they have adequate resources to complete the works.

MSF WACA reserves the right, at its sole discretion, to amend the timeline without prior notice to qualified bidders. MSF WACA, its representatives, advisors and consultants shall not be liable for any loss whatsoever resulting from any such amendments. MSF WACA will notify qualified bidders of timeline amendments in writing.

#### Tender evaluation

The Bids shall be reviewed in accordance with the following criteria:

##### General Criteria (15%):

1. Company Profile and Experience
  - Company history and reputation
  - Relevant experience in similar construction projects
  - List of previous clients and projects.
  - Delivery Timeline of Activities.

##### 2. Technical Criteria (40%)

- Relevant experience in similar construction projects.
- Drawings and Schematics.
- Chronogram of Activities.
- Safety and Environmental Management.

##### 3. Quality Assurance and Control (15%):

- Quality management system and procedures
- Quality control measures and testing
- Defect liability and warranty

##### 4. Financial Criteria (30%)

###### i Price and Cost

- Total cost of the project
- Breakdown of costs (e.g., labour, materials, equipment)
- Payment terms and schedule

###### ii. Financial Capacity and Stability

- Company financial statements (e.g., balance sheet, income statement)
- Credit rating and financial references

###### iii. Value for Money

- Comparison of prices and services offered.
- iv. Validity of Quotes (in months)

## **Awarding of Contract**

MSF WACA is not bound to accept the lowest price proposed by any qualified bidder.

During the tender evaluation MSF WACA may invite some bidders to clarify their offers by providing further information including a detailed breakdown of the unit prices. The clarifications will be required to further understand the bidders offer in case of errors, calculation mistakes and to prevent misunderstandings of the included work scope.

The MSF WACA Steering Committee for the Project will designate the winning bidder, and its decision shall be final and not subject to any appeals or petitions.

Prior to expiration of the Validity Period as stated, MSF WACA will notify the winning bidder of its decision to award the Tender. The notification of award shall specify the sum which MSF WACA will pay the winning bidder in consideration of the execution and completion of the construction works and the remedying of any defects therein by the winning bidder as prescribed in the Contract.

## **TERMS AND CONDITIONS**

### **Financial Terms**

- a. The qualified bidder shall bear all costs associated with the preparation and submission of its Proposal and MSF WACA shall not be liable for any costs, expenses, losses whatsoever regardless of the conduct or outcome of the tendering process.
- b. The qualified bidder shall furnish detailed information listing all commissions and gratuities, if any, paid or to be paid to agents relating to the bid and to Contract execution if the bidder is awarded the Contract including the name and address of any agents, the amount and currency paid and the purpose of the commission or gratuity.

### **Communication**

The qualified bidder must not initiate any communication or contact with members of MSF WACA and/or its employees, any expert or other advisor(s) assisting MSF WACA, or any other persons connected in any way with this Project except for the designated MSF WACA point of contact(s). The bidder's lead member will be expected to be the single point of contact to which all issues can be escalated. MSF WACA will provide a similar point of contact.

### **Rights of MSF WACA**

- a. All correspondence, documentation and information provided to MSF WACA staff by a qualified bidder in connection with this invitation to tender is the property of MSF WACA, and may be released, pursuant to applicable legislation.
- b. MSF WACA is entitled to make public the names of all qualified bidders.

- c. MSF WACA shall not be obligated in any way to accept any submission or bid and may award a contract without further negotiation or may decide not to contract at all and the qualified bidders shall have no recourse against MSF WACA. Acceptance or non-acceptance of proposals is not to be construed or interpreted to mean that MSF WACA is in any way obligated or obliged to proceed further.
- d. MSF WACA has the right at its sole and absolute discretion to:
  - (i) not to proceed with the Project or to change the scope of the Project in such manner as MSF WACA may determine.
  - (ii) alter the schedule, process, procedures, terms or objectives of this invitation to tender or the Project or any other aspect of this invitation to tender or the Project; or terminate the invitation to tender or the Project with no legal or financial implications.
  - (iii) issue revisions to or provide additional data for this invitation to tender.
  - (iv) amend the Contract prior to its signature by both parties by notifying the winning bidder in writing and providing it with an amended version of the Contract.
  - (v) determine the adequacy of any bid, to waive any irregularities or deficiencies in any submission, to negotiate modification of any irregularities in any submission, to negotiate modification of any single submission, to request clarification and additional information on any submission and to re-advertise for new submissions for this Project. MSF WACA reserves the right to request clarification or supporting data for any point in the proposal that, in the opinion of MSF WACA, is marginally compliant or vague in response to the specification.
  - (vi) incorporate all or any portion of the invitation to tender and the successful proposal into the final form of the Contract agreement. MSF WACA is not obliged to contact any or all references. MSF WACA reserves the right not to accept any deviations from the stated terms and conditions.
- e. MSF WACA reserves the right to accept or reject any bid, and to cancel the bidding process and reject all submissions at any time, without thereby incurring any liability to any qualified bidder or third party.
- f. MSF WACA reserves the right to waive minor deviations in the evaluation criteria if they do not materially affect the capability of the qualified bidder to perform the contract.
- g. MSF WACA reserves the right to reject any bid which does not comply with the terms of this invitation to tender.
- h. In case of discrepancies between the hardcopy and the softcopy of the bid, the hardcopy shall take precedence over the soft copy.
- i. The bidder may not object the evaluation criteria set forth herein.

### **Grounds for disqualification**



MSF WACA may at any time disqualify a qualified bidder based on the following grounds:

- a. If the qualified bidder fails to submit, together with the bid response, the supporting required documents pursuant to this invitation to tender by the due date.
- b. If the qualified bidder provides any false or misleading information in the bid response or withholds or conceals any information required pursuant to this invitation to tender.
- c. If the qualified bidder fails to disclose or provide any additional information as may be required by MSF WACA.
- d. If the qualified bidder is a member of any other Consortium bidding for this project.
- e. If the qualified bidder fails to advise MSF WACA of any significant change in its ownership or, where the prospective bidder is a consortium, any significant change in the constitution of the consortium or significant change in the ownership or control of any consortium member and fails to obtain MSF WACA's consent to such change.
- f. If the qualified bidder fails to report any material change in the information provided by it that occurs at any time.

### **Conflict of Interest**

- a. Qualified bidders must declare in their Bid all associations, which may preclude or restrict involvement in the Project. Qualified bidders must declare that they have no financial or other interest that would cause or appear to cause a conflict of interest in carrying out the Qualified bidder's obligations in the Project.
- b. Breach of the conflict-of-interest terms constitutes grounds for the disqualification of the qualified bidder. MSF WACA will review any Proposals by qualified bidders under this provision and may reject any submission where, in the opinion of MSF WACA, the qualified bidders could be in a conflict of interest or could be perceived to be in a possible conflict of interest if the Qualified bidders were to become a contracting party pursuant to the invitation to tender.
- c. MSF WACA reserves the right to disqualify any qualified bidders which, in the sole opinion of MSF WACA, may have a conflict of interest whether such conflict exists now or arises in the future.
- d. Qualified bidders responding to this invitation to tender shall do so without any connection, knowledge, comparison of figures or arrangement with any other person or persons making a submission, and the bid shall in all respects be fair and without collusion or fraud.

### **Ownership of Documents**

- a. All documents submitted by Qualified bidders shall become the property of MSF WACA. If expressly permitted in this invitation to tender, should any documents be submitted electronically, then their content and the media they are contained in shall

also become the property of MSF WACA upon their being presented, submitted or forwarded to MSF WACA.

- b. Notwithstanding anything in this invitation to tender, MSF WACA may use the concepts, ideas, suggestions and directions contained within the documents, drawings, plans, written descriptions and other materials contained in invitation to tender and in any communication surrounding the bid provided by the Qualified bidders or their agents, for any purpose whatsoever including but not limited to the use of portions of the bid or ideas, information, and designs in the invitation to tender.

### **No Fraud**

Qualified bidders must ensure that their participation in the invitation to tender process is conducted fairly and without fraud. Qualified bidders and their members shall not discuss or communicate, directly or indirectly, with any other qualified bidders or their Lead Team Members and Members regarding the preparation or submission of their bid. However, for the avoidance of doubt, qualified bidders may use the same firm or firms to obtain geotechnical, topographical, or other information about the site.

### **No Lobbying**

Qualified bidders or their Team Members will not engage in any form of political or other lobbying whatsoever with respect to this Project. In the event of any such lobbying, MSF WACA at its sole and absolute discretion may at any time reject any bid submitted by that qualified bidder.

### **No Publicity**

- a. Bidders are to refrain from making any public comment, responding to questions in a public forum or carrying out any activities to publicly promote or advertise their pre qualifications in this Project, except for their submission to MSF WACA pursuant to this invitation to tender process.
- b. No press releases or other forms of public communication shall be issued by any qualified bidder in relation to the Project without first obtaining the prior approval of MSF WACA. Qualified bidders shall ensure that all their Team Members and others associated with the qualified bidders also comply with these requirements. In the event of any unauthorized publicity, MSF WACA in its sole and absolute discretion may at any time reject any invitation to tender submission by that qualified bidder.

### **Confidentiality**

All communications between the qualified bidders (including their Team Members) and MSF WACA shall be treated as confidential by the parties (and Team Members) throughout the preparation and after the submission of Bids. In the event of any such breach of confidentiality, MSF WACA at its sole and absolute discretion may at any time reject the Bid.

### **Accuracy of Information**

- a. While the information in the invitation to tender and any other information has been prepared in good faith, it does not purport to be accurate, comprehensive or to have

been independently verified. Neither MSF WACA nor any of its officials, officers, employees, agents, or advisors accept any liability or responsibility for the adequacy, accuracy or completeness of, or makes any representation or warranty, express or implied, with respect to the information contained in the invitation to tender or otherwise made available to qualified bidders. Any liability therefore is hereby expressly disclaimed.

- b. Each qualified bidder shall be solely responsible for examining the complete invitation to tender, including any addenda and any other information, and for independently informing and satisfying itself with respect to all information contained therein, and any and all conditions which may in any way affect its bid.
- c. Each qualified bidder shall be deemed to have satisfied itself as to the nature and extent of the risks it will be assuming.
- d. Each qualified bidder shall be deemed to have gathered all information necessary to perform its obligations under this invitation to tender and any other obligations assumed or arising thereafter.
- e. In connection with the foregoing, each qualified bidder shall review all of the invitation to tender and shall promptly report or request clarification of, any discrepancy, deficiency, ambiguity, error, inconsistency or omission contained therein. Any such request must be submitted to MSF WACA immediately.
- f. The qualified bidder shall not be entitled to claim against MSF WACA or its officials, officers, employees, agents or advisors on the grounds that any information, whether obtained from MSF WACA or otherwise (including information gained from other departments within the Nigeria or their officials, officers, employees, agents or advisors regardless of the manner or form in which the information is provided) is incorrect or insufficient. Qualified bidders shall be responsible for conducting their own due diligence on data and information upon which their Proposal is based.

### **Dispute resolution**

Any dispute in connection with, relating to, or arising out of this invitation to tender or the Contract, including any questions regarding their existence, validity or termination, or the execution of the services, whether during the progress of delivering the services or after its completion and whether before or after the termination, cancellation or breach of the Contract, shall be referred to and finally settled by arbitration in accordance with the Nigerian Law then in force;

The arbitration shall be held in Abuja FCT, Nigeria. Unless otherwise agreed, all proceedings, conferences and hearings held in connection with the arbitration and all documents presented or filed in relation to the arbitration or in relation to or during such proceedings, conferences or hearings shall be in English.

Pending resolution of any dispute (whether by agreement, arbitration or litigation) the qualified bidder and MSF WACA shall continue to fulfil their respective obligations hereunder or thereto.

### **Language of Bid Response**

All correspondence and documents relating to this invitation to tender exchanged by the qualified bidders and MSF WACA, shall be in the same language this document is prepared (English Language).

### **Bid Validity**

All bids must be valid for a period minimum of 2 month from the day of their submissions and must remain valid for a period of 10days beyond any subsequent extension communicated by MSF WACA (the “**Validity Period**”)

### **Modification or withdrawal**

8

- a. A qualified bidder may modify or withdraw its bid up until the bid Due Date, provided that any new submission is received by the bid Due Date. In such cases, a completely new Proposal package must be provided.
- b. Qualified bidders are not permitted to change any aspect of their bid, including nominated personnel, after the bid Due Date without the prior written approval of MSF WACA.

## **ANNEX 1 WATER QUALITY PARAMETERS**

(Physiochemical & Biological Analysis)

S/N	PARAMETERS	RANGE (NSDWQ-MPL)	UNIT OF MEASURE	REMARKS (Acceptable/Unacceptable)
1	Turbidity (Appearance)	5.00	NTU	
2	Colour	15.00	TCU	
3	Odour	Unobjectionable		
4	Taste	Unobjectionable		
5	PH	6.50 – 8.50		
6	Sodium	200	Mg/l	
7	Cyanide	0.01	Mg/l	
8	Chromium	0.05	Mg/l	
9	Fluoride	1.5	Mg/l	
10	Cadmium	0.003	Mg/l	
11	Zinc	3.00	Mg/l	
12	Copper	1.00	Mg/l	
13	Magnesium	20.00	Mg/l	
14	Manganese (Mn)	0.2	Mg/l	
15	Mercury (Hg)	0.001	Mg/l	
16	Potassium	50.00	Mg/l	
17	Total Alkalinity	400.00	Mg/l as CaCO <sub>3</sub>	
18	Barium	0.7	Mg/l	
19	Total Hardness	150.00	Mg/l as CaCO <sub>3</sub>	
20	Calcium	200.00	Mg/l as CaCO <sub>3</sub>	
21	Chloride	250.00	Mg/l as Cl-	
22	Nitrite Nitrogen	10.00	Mg/l as N	
23	Total Iron	0.3	Mg/l	
24	Suspended Solid	0.00	Mg/l	
25	Total dissolved Solids	500.00	Mg/l	
26	Arsenic	0.01	Mg/l	
27	Lead (Pb)	0.01	Mg/l	
28	Sulphate	0.0	Mg/l	
29	Phosphate	0.20	Mg/l	
30	Conductivity	1000.00	Us/Cm	
31	Faecal Coli (forms Index)	0.00	CFU/100m/l	
32	E. Coli content	0.00	CFU/100m/l	
33	Total Bacteria Count	100.00	CFU/100m/l	