



save the slum initiative
Reshaping lives in the slum

REQUEST FOR QUOTATION (STSI-EDP-AKW-001-2025)

Request for Quotation for the Supply of Solar Equipment, Water Systems and Civil Works for Borehole Rehabilitation Project.

RFQ Opening Date: 09 December 2025

RFQ Closing Date: 17 December 2025

Address responses via email to procurement@savetheslum.org.ng

EDP SOLAR BOREHOLE REHABILITATION PROJECT

1. INVITATION TO QUOTATION

Save the Slum Initiative (STSI), a non-profit, non-governmental organisation established in 2016 and dedicated to improving the welfare and protection of vulnerable populations in Nigeria, is implementing the EDP Solar Borehole Rehabilitation Project.

This project aims to provide sustainable access to safe water through solar-powered borehole systems in underserved communities across Nigeria.

STSI invites qualified suppliers and contractors to submit competitive quotations for the supply of equipment, materials, and labour services required for the complete implementation and installation of this project.

2. PROJECT BACKGROUND AND SCOPE

2.1 Project Objective

The EDP Solar Borehole Rehabilitation Project is designed to enhance water security and sustainability in vulnerable communities by deploying solar-powered water systems. This integrated approach combines:

- Advanced renewable energy technology (solar modules and controllers)
- Reliable water extraction equipment (submersible pumps)
- Secure water storage infrastructure
- Civil works and security fencing for site protection

2.2 Scope of Supply and Installation

The selected vendor will be responsible for the supply, delivery, installation of all items outlined below. This is a turnkey procurement covering all equipment, materials, labour, and services.

Project Components:

Component 1: Specific Equipment

- 30 units of SQF 2.5-2 submersible pumps with motors

Component 2: Generation, Distribution and Electrical Equipment

- 300 units of 250W monocrystalline solar modules
- 50 units of charge controllers and wiring

- 50 units of mounting structures
- 50 units of steel protectors for CU200
- 25 rolls of pump motor cables (4mm²)
- 50 rolls of marine rope
- 50 metres of PVC cable protection pipe

Component 3: Other Equipment

- 20 units of water storage tanks

Component 4: Civil Works and Infrastructure

- Excavation of foundation trenches (360 m³)
- Concrete blinding (30 m³)
- Brick wall construction (1,000 m²)
- Plaster and wall finishing (2,000 m²)
- Installation of 3x3 inch square pipe vertical (1,250 m)
- Installation of 2x2 inch square pipe horizontal (1,500 m)
- Wire mesh installation (1,800 m²)
- Razor wire installation (800 m)
- Angle iron Y shape installation (1,000 pieces)
- Steel door supply and installation (50 doors)
- Anti-rust paint application (3 coats, 50 locations)
- Sign post fabrication (50 locations)

Component 5: Labour

- Complete labour for installation, assembly and civil works (estimated at 20% of material costs)

3. BILL OF QUANTITIES AND UNIT PRICES

Bidders are requested to complete the detailed quotation below with unit prices and total costs. All prices must be in Nigerian Naira (₦) and VAT-inclusive.

COMPONENT 1: SPECIFIC EQUIPMENT

SN	Item Description	Unit	Qty	Unit Price (₦)	Total (₦)
1	SQF 2.5-2 submersible pump with motor	Pcs	30		
	SUBTOTAL COMPONENT 1				

COMPONENT 2: GENERATION, DISTRIBUTION & ELECTRICAL EQUIPMENT

SN	Item Description	Unit	Qty	Unit Price (₱)	Total (₱)
2	250W Monocrystalline solar modules	Pcs	300		
3	Charge controller and wiring	Pcs	50		
4	Mounting structures	Pcs	50		
5	Steel protector for CU200	Pcs	50		
6	Pump motor cables 4mm ²	Roll	25		
7	Marine rope	Roll	50		
8	PVC cable protection pipe	m	50		
	SUBTOTAL COMPONENT 2				

COMPONENT 3: OTHER EQUIPMENT

SN	Item Description	Unit	Qty	Unit Price (₱)	Total (₱)
9	Tanks	Pcs	20		
	SUBTOTAL COMPONENT 3				

COMPONENT 4: CIVIL WORKS & INFRASTRUCTURE

Substructure & Foundations

SN	Item Description	Unit	Qty	Unit Price (₱)	Total (₱)
10	Excavate foundation trench	m ³	360		
11	Concrete blinding	m ³	30		
12	Brick wall construction	m ²	1000		
13	Plaster and finish walls	m ²	2000		
	SUBTOTAL SUBSTRUCTURE				

Superstructure, Fencing & Security

SN	Item Description	Unit	Qty	Unit Price (₱)	Total (₱)
14	3x3 inch square pipe vertical	m	1250		
15	2x2 inch square pipe horizontal	m	1500		
16	Wire mesh 2x2 inches	m ²	1800		
17	Razor wire	m	800		
18	Angle iron Y shape	Pcs	1000		
19	Steel door	No.	50		

20	Anti-rust paint (3 coats)	Ls	50		
21	Sign post fabrication	Ls	50		
	SUBTOTAL SUPERSTRUCTURE				

COMPONENT 5: LABOUR

SN	Description	Details	Est. Amount	Unit Price (₦)	Total (₦)
22	Labour – Equipment Installation	All labour for assembly and commissioning of pumps, solar modules, controllers, and accessories	20% of Comp. 1-3		
23	Labour – Civil Works & Installation	All labour for excavation, construction, fencing, welding, painting, and installation	20% of Comp. 4		
	SUBTOTAL COMPONENT 5				

4. COST SUMMARY

Component	Total Price (₦)
Component 1: Specific Equipment	
Component 2: Generation & Electrical Equipment	
Component 3: Other Equipment	
Component 4: Civil Works & Infrastructure	
Component 5: Labour	
GRAND TOTAL (₦)	

5. TECHNICAL REQUIREMENTS AND SPECIFICATIONS

5.1 General Quality Standards

All goods, materials, and works supplied must be:

- New and unused with original packaging intact
- Compliant with international standards (IEC, ISO, EN, or equivalent)
- Suitable for Nigerian climate – designed for outdoor use, UV-resistant, and corrosion-resistant where applicable
- From reputable manufacturers with proven track record and market presence
- Certified where applicable (solar modules must be IEC 61215/61730 certified)

5.2 Equipment-Specific Requirements

Submersible Pumps (Item 1)

- Capacity and head equivalent to or better than SQF 2.5-2 specifications
- Suitable for continuous solar operation
- Corrosion-resistant construction
- Minimum 12-month manufacturer's warranty
- Technical datasheet and operation manual required

Solar Modules (Item 2)

- 250W monocrystalline or higher efficiency
- IEC 61215 and IEC 61730 certified
- Rated for 25+ years performance
- Technical datasheet with efficiency ratings required

Charge Controllers (Item 3)

- Compatible with quoted solar modules and pump system
- Over-charge, over-discharge, and short-circuit protection
- MPPT or PWM technology with suitable sizing

Mounting Structures (Item 4)

- Galvanized or hot-dip coated steel
- Wind-resistant design
- Suitable for outdoor installation in Nigeria

Electrical Cables (Item 6)

- Rated for DC and AC loads as required
- UV-resistant outdoor-grade insulation
- Appropriate gauge and current rating for system design

Water Storage Tanks (Item 9)

- Food-grade material (plastic HDPE or steel)
- Outdoor-grade with UV protection
- Capacity: typically 5,000 litres
- Fittings: inlet, outlet, overflow
- Lockable cover with access point for cleaning

Civil Works Materials

- Concrete: 1:3:6 ratio or equivalent (7-day curing minimum)
- Bricks: Grade A quality, English bond laying
- Plaster: 15mm depth, paint-ready finish

- Steel: Mild steel, galvanized or anti-rust treated
- Welding: Certification of welders required

5.3 Workmanship and Installation

The successful vendor must ensure:

- All installation carried out by trained, qualified personnel
- Site supervision during all works
- Quality assurance inspections at each phase
- Proper waste management and site cleanup
- Testing and of all systems prior to handover
- Documentation of all work completed (photos, certificates, test reports)

6. DELIVERY AND IMPLEMENTATION SCHEDULE

6.1 Delivery Location

All goods shall be delivered to:

Project Sites: Akwa Ibom State (**UYO,INI, IBENO AND NSIT ATAI LGAS**)

Logistics Coordination: STSI project team will provide detailed site access information upon award.

6.2 Implementation Timeline

- Start delivery and installation within: 1 week from Purchase Order
- Mobilization: Within 2 weeks of PO
- Procurement & Assembly: Concurrent with on-site works
- Installation & Commissioning: Phased approach, completed by Thrid Week of FEB 2026

6.3 Inspection and Acceptance

All deliverables are subject to:

- Physical inspection upon delivery
- Quality testing (solar modules, pumps, electrical systems)
- Functional testing post-installation
- Documentation review (technical certificates, warranties, manuals)

STSI reserves the right to:

- Reject non-conforming goods and demand replacement at bidder's cost
- Conduct unannounced site inspections
- Request independent testing by third parties
- Withhold payment pending full compliance

7. WARRANTY AND AFTER-SALES SUPPORT

7.1 Equipment Warranty

- Equipment: Minimum 12 months from date of delivery and installation
- Coverage: Manufacturing defects, workmanship defects
- Terms: Free repair or replacement of defective parts; removal, repair, and reinstallation costs covered by vendor

7.2 Civil Works Defects Liability

- Period: 6–12 months from completion
- Scope: Structural defects, poor workmanship, material failure
- Responsibility: Vendor responsible for all rectification at no cost to STSI

7.3 Spare Parts Availability

The vendor must guarantee availability of spare parts for all equipment for a minimum of 5 years from date of purchase. Pricing for spare parts must be provided with the quotation.

7.4 Technical Support

The vendor must provide:

- Contact details for ongoing technical support
- Response time: Maximum 48 hours for technical queries

8. SUBMISTSION OF QUOTATIONS

8.1 Submission Deadline

Date: Wednesday, December 17, 2025

Late submissions will NOT be accepted and will be rejected automatically.

8.2 Submission Method

Electronic Submission:

Email to: procurement@savetheslum.org.ng

Subject line: "RFQ-STSI-EDP-2025 – [Your Company Name]"

Attach:

- PDF copy of quotation (signed)
- Excel file with Bill of Quantities
- Supporting documents in PDF format
- Company profile and evidence of experience in similar events.
- Application letter which must indicate the scope of work of services to be provided and the service code.
- Certificate of incorporation and article of association.
- Tax clearance certificate.

- VAT registration certificate
- Delivery timeline and payment terms.

8.3 Quotation Format

- Use clear, legible formatting
- Organize information to follow this RFQ structure
- Use Nigerian Naira (₦) for all prices
- Include VAT explicitly (VAT-inclusive or separate)
- Sign and stamp all official documents
- Provide one soft copy (PDF) and one hard copy where applicable

9. TERMS AND CONDITIONS

- STSI reserves the right to accept or reject any quotation without assigning reasons.
- Prices quoted must be valid for at least 10 days.
- Payment will be made upon satisfactory delivery and inspection.
- Partial bids are allowed/not allowed.
- The supplier shall be responsible for delivery to the specified location.

10. CONTACT AND CLARIFICATIONS

For any clarifications or questions regarding this RFQ, bidders should contact:

Procurement Officer

Save the Slum Initiative (STSI)

✉ Email: procurement@savetheslum.org.ng

☎ Phone: +234 706 690 2229

🏢 Office: 143 Aka Etinan Road, Uyo, Akwa Ibom State, Nigeria,

Deadline for Submitting Questions: December 13, 2025 by 5:00 PM WAT

All questions must be submitted in writing (email preferred). Responses will be provided to all bidders simultaneously.

11. EXPECTED TIMELINE

Activity	Date
RFQ Issue Date	December 09, 2025
Deadline for Clarification Questions	December 13, 2025
Bid Submission Deadline	December 17, 2025

12. DECLARATION

This Request for Quotation is issued by Save the Slum Initiative in accordance with its commitment to transparent, competitive, and fair procurement practices.

STSI is committed to supporting local economic development, quality service delivery, and sustainable community impact.

All bidders are welcome and encouraged to submit quotations. We look forward to partnering with qualified, professional suppliers to deliver this life-changing project to vulnerable communities across Nigeria.

By submitting a quotation, you confirm your acceptance of all terms, conditions, and requirements outlined in this Request for Quotation.



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