



REQUEST FOR QUOTATIONS: REHABILITATION OF EMBARBAL COMMUNITY BOREHOLE WATER PROJECT, KAJIADO COUNTY

The Embarbal borehole in Mosiro, Kajiado County, is a critical water source serving the local Maasai community, who primarily rely on livestock for their livelihoods. Located in a semi-arid region, Mosiro faces frequent water shortages, making the borehole a vital infrastructure for domestic, livestock and wildlife use. The borehole was drilled by the county government of Kajiado in partnership with Kenya Red cross to alleviate water scarcity and reduce the long distances women and children travel to fetch water. Its establishment has significantly improved livelihoods, though challenges such as maintenance, occasional breakdowns persist due to limited resources, technical support and wildlife presence in the area specifically elephants which often cause vandalism.

Despite its importance, the Embarbal borehole sometimes struggles to meet demand, especially during dry seasons when water levels drop. The community has formed water committees to manage the resource, but vandalism especially from Wild animals more specific Elephants and inadequate funding for repairs remain concerns. Efforts by local leaders and MMWCA to rehabilitate the borehole, protect from elephant vandalism and reticulation water system and solar-powered pumps are ongoing, but more investment is needed to ensure sustainability. The borehole remains a lifeline for Mosiro, highlighting the need for long-term solutions to water scarcity in Mosiro-Kajiado arid regions. MMWCA is now accepting quotation for rehabilitation of Embarbal Community borehole in Mosiro ward Kajiado County.

PROCUREMENT TIMELINES & SUBMISSION DETAILS

The following key dates apply to this procurement process:

- **TOR issue date:** 17TH JULY 2025
- **RFP closing date and time:** 25TH JULY 2025, 17:00 EAT

Application should be sent to the following email addresses below:

- procurement@maraconservancies.org or contact@maraconservancies.org with the subject line:
“RFQ REHABILITATION OF EMBARBAL COMMUNITY BOREHOLE WATER PROJECT,
KAJIADO COUNTY”

The deadline for submission is **25th July 2025, 17:00 EAT**. All application received before this deadline will be reviewed.

SCOPE OF WORKS:

1. Fencing the borehole area 50m by 50m square
2. Supply and fixing of solar panels
3. Repair and replacement of the pipes from the main tank to livestock trough and stand tap for community
4. Programming of solar system pump

BILL OF QUANTITIES

BILL OF QUANTITIES FOR BOREHOLE MAINTENANCE AND ELECTRIC FENCING					
BILL NO:1 PRELIMINARY AND GENERAL ITEMS					
ITEM	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KSH.)
1.1	Allow for Mobilization	No.	1		
BILL NO.1 TOTALS CARRIED OVER TO THE SUMMARY PAGE					
BILL NO.2 BOREHOLE REHABILITATION					
2.1	Borehole Rehabilitation				
2.1.1	Replacement of 8 Solar Panels (190W each)	No.	8		
2.1.2	Reprogramming of Solar Pump Inverter(Adjust inverter from 35.3Hz to optimal ran	No.	1		
2.1.3	Supply and install Electrical Wiring(power lines between borehole & powerhouse	No.	1		
2.1.4	Construct Concrete Walling with fabricatred Steel Enclosure	No.	1		
2.1.5	Sand	Ton	5		
2.1.6	Ballast	Ton	5		
2.1.7	Cement	Bags	10		
2.1.8	Replacement of 2" G.I. Pipes (6m each)	No.	35		
2.1.9	2" G.I. Elbows	No.	10		
2.1.10	2" G.I. Sockets	No.	35		
2.1.11	2" Brass Gate Valves	No.	8		
BILL NO.2 TOTALS CARRIED OVER TO THE SUMMARY PAGE					
BILL	Installation of Electric Fence				
3.1.1	Supply and install High Tensile Electric Fence Wire	No.	5		
3.1.2	Supply and erect Steel Fence Poles (Heavy-duty)	No.	200		
3.1.3	Supply and Install Solar Electric Fence Energizer with solar + battery backup.	No.	1		
3.1.4	Supply and fix All fitting Insulators & Accessories	No.	1		
3.1.5	Installation Labour	Lumpsum	1		
BILL No. 3 TOTALS CARRIED OVER TO THE SUMMARY PAGE					
	SUMMARY PAGE				
1	BILL 1 TOTAL PRELIMINARY AND GENERAL ITEMS				
2	BILL 2 BOREHOLE MAINTENANCE				
3	BILL 3 INSTALLATION OF ELECTRIC FENCE				
	GRAND TOTAL				
	Add PPRA Capacity Building Levy-0.03% of the total				
	SUB TOTAL				
	Add 16% VAT				
	Grand Total				

Technical Evaluation Criteria for Borehole Maintenance and Fencing

General/Eligibility/Qualifications/Cost of Tendering

Eligible bidders must attach valid documentation and meet the following minimum requirements:

- 1. Company Registration:** Must be a registered company (*Attach Certificate of Incorporation*).
- 2. NCA Registration:** Contractor must possess registration in the **specialist category of building/water works [NCA 6 or higher]** with the National Construction Authority (NCA).

3. **Tax Compliance:** Must be KRA VAT, PIN registered and possess a valid Tax Compliance Certificate (*Attach documentation*).
4. **Past Experience:** Provide details of at least **3 similar projects** (borehole maintenance, fencing, or related water works) completed in the last **5 years**, including client references, contract value, and completion certificates.
5. **Technical Capacity:** List of relevant equipment (owned/hired) and skilled personnel (e.g., borehole technicians, welders, fencers, plumbers). Attach proof (logbooks, hire agreements, CVs, and academic certificates).
6. **Financial Standing:** Submit audited financial statements for the last **2 years**.
7. **Work Program:** Provide a clear schedule for the project execution, including milestones. Expected completion time: _____ **Weeks**.
8. **Pricing:** All costs must include applicable government taxes.

EVALUATION AND QUALIFICATION CRITERIA

Item	Description of Criteria	Max Points	Bidder's Score
1	EXPERIENCE	30	
	- Completion certificates for 3 similar projects (borehole maintenance/fencing) in the last 5 years . (each similar project @10marks)		
2	KEY PERSONNEL (Attach CVs and academic certificates)	30	
2a	Project Manager (Degree in Civil/Water Engineering or related field, registered with EBK): - Technical qualification (3 marks) - 5+ years in similar works (4 marks) - EBK registration (3 marks)	10	
2b	Borehole Technician (Diploma/certificate in civil/water engineering or related field) - Technical qualification (5 marks) - 3+ years of experience (5 marks)	10	
2c	Plumber/Technician (Certificate in plumbing/pipe works): - Technical qualification (3 marks) - 2+ years of experience (3 marks)	6	
2e	Skilled Labor (Certificate in welding/ Masonry): - Certification (2 mark) - 2+ years of experience (2 mark)	4	
3	RELEVANT EQUIPMENT (Proof of ownership/hire agreements required):	10	
	- Borehole drilling/repair rig (3 marks) - Welding machines (2 marks) - Concrete mixer (2 marks) - Generator (2 marks) - Other fencing tools (1 mark)		
4	WORK METHODOLOGY	30	
4a	Detailed methodology covering: - Borehole maintenance steps (e.g., pump repair, water testing)	15	

Item	Description of Criteria	Max Points	Bidder's Score
	- Fencing installation (materials, techniques) - Health & safety/environmental safeguards		
4b	Clear work plan/schedule aligned with proposed timeline	15	
	TOTAL	100	