



African Wildlife Foundation
Unit D, Delken Complex
Mt Pleasant Business Park
Harare
Zimbabwe.

Invitation Letter

Dear Sir/Madam,

SUBJECT: Request For Quotations (Rfq) For Drilling And Equipping A Solar Powered Borehole Of A Maximum Of 250m Deep In Chewore Safari Area Chirundu- Zimbabwe.

RFP REFERENCE No: AWFZimbo2/2022

The African Wildlife Foundation is an international conservation organisation working in large landscapes across the African continent. The organisation works to ensure wildlife and wildlands thrive in modern Africa through a multi-faceted approach of conservation strategies for wildlife, wildlands and people.

As part of the Cross Regional Wildlife Conservation in Eastern and Southern Africa and the Indian Ocean (CRCW) being implemented by the Cites Secretariat with financing provided by the European Union, the CITES Secretariat agrees to co-operate with AWF in the achievement of the CRCW's first objective: Capacity and collaboration for combating wildlife crime impacting CITES-listed species in key transboundary conservation landscapes strengthened to support the implementation of relevant provisions of CITES conference of the parties.

AWF is pleased to invite prospective offerors to submit quotations for the drilling and equipping of a solar powered borehole in accordance with the Schedule of Requirements as set out in this RFQ for:

The RFP consists of the following:



Item	Description	Quantity
1.	Hydrogeological & Geophysical Survey	
	a) Perform Hydrogeological & Geophysical ground water survey for the site and confirm the potential of proposed borehole location for high yield	Sum
	b) Prepare and submit a of hydrogeological & geophysical survey report including description of the geology of the site, hydrogeological assessment with notes on ground water table levels, assessment of potential yield, report on expected water quality, estimate of required borehole depth and plan layout of the site confirming borehole location with GPS coordinates	Sum
	c) Application and acquisition of a borehole drilling permit from relevant authorities and submit to AWF before commencing the works.	Sum
2.	Drilling	
	a) Drilling an 8' minimum Diameter Borehole of a maximum depth of 250M	Sum
	b) Supply and installation of an 8' minimum diameter of stainless-steel Casing of minimum thickness of 6mm	Sum
	c) Supply and installation of an 8' minimum diameter of slotted stainless-steel casing of minimum thickness of 6mm	Sum
	d) Supply and installation of filler gravel pack of a minimum thickness of 50mm	Sum
	e) Test pumping for at least 24hrs to ascertain borehole yield	24hrs
	f) Construction of a concrete Plinth around wellhead of at least 1m x1mx 1m	Sum
	g) Borehole Capping	Sum
	h) Supply and installation of a solar Powered pump capable of pumping at least 8 cubic meters per Hour of water	1Pc
	i) Well Development (Air lifting) for at least 20hours	20hrs
	j) Supply and Delivery of plastic overhead storage water tank of at least 10,000L	1pc
	k) Construction of at least 6-meter-tall steel structure to hold at least 10,000L water tank atop	Sum
	l) Piping of the water from the Borehole to the overhead storage tank for a distance of Maximum 300M	Sum
	m) Piping of the water from the Overhead tank to the Village Watering Points to a Maximum of 4km	Sum
3.	Supply and Installation of a solar Pump, Solar Panels and Accessories	



	a) Supply and install a solar Submersible pump of Grundfos-AQF 2.0-2.5 or an equivalent, powered by solar energy with a 2.5 to 3.5 HP output fitted with an automatic relay that switch on and off when the water goes down and/or full.	1pc
	b) Supply and install pipe fittings required to connect submersible Pump	Sum
	c) Supply and install pvc pipes to the submersible pump and the storage tank	Sum
	d) Supply and install 6 solar panels of polycrystalline pannels of a minimum of 250Watts	6pcs
	e) Supply and install one fully configured Solar inverter designed to run the solar pump	1pc
	f) Supply and install 6 Batteries of 12v-200Amps	6pcs
	g) Supply and Install one control panel of 48V for the inverter, solar batteries and the pump	1pc
	h) Supply and install one floater Switch	1pc
	i) Supply and Fabricate a steel structure to support solar panels	Sum
4.	Borehole Completion Report	
	a) Prepare and submit preliminary and final borehole report within one week of completion of borehole, including geophysical testing analysis, GPS coordinates, casing details, filter pack details, pump cylinder installation depth and pump type, water quality results, stakeholders' signatures, during and after drilling photographs	Sum
5.	Other Requirements	
	a) Mobilization of temporary facilities, drilling unit, equipment materials, personnel and all other required supplies, and demobilization, including site cleaning and restoration as needed	Sum

For more information on how you can submit your bid, please write to AMuzulu@awf.org with a copy to procurement@awf.org and SMuchatibaya@awf.org

Or bids must be received on or before July 25, 2022 local time