



KenGen

KENYA ELECTRICITY GENERATING COMPANY PLC
KGN-BDD-003-2024
TENDER FOR INSTALLATION AND UPGRADING OF SOLAR AUTOMATIC
WEATHER STATIONS
(OPEN NATIONAL)
RFx: 5000014838

Date: 3rd April, 2024

ADDENDUM NO. I

In accordance with the ‘**Tender for Installation and Upgrading of Solar Automatic Weather Stations**’, KenGen hereby issues **Addendum No. I** as follows:

I. REVISED BILL OF QUANTITIES/SCHEDULE OF RATES (BILL 1, and BILL 3)

a. The item description is revised as tabulated below:

NO.	INITIAL REQUIREMENT	REVISED REQUIREMENT
1.1	Transportation of the 10m lattice mast and associated instruments from Tana HPP to Olkaria and installation of the 10m mast complete with guy stays, anchors and fasteners.	Transportation of the 10m lattice mast and associated instruments from Tana HPP to Olkaria, replacement of corroded guy stays, anchors and fasteners and installation of the 10m lattice mast. Painting of mast with primer and two coats of reflective paint as per the Aviation requirements. Installation of anti-climb razor wire at 3.5m height to protect the installed equipment from wildlife.
1.3	Installation of a heavy gauge chain link fence (2.5mm), 3m high with metallic posts for an area measuring 10 m * 10m with an access gate of 1m * 3m high with lock and padlock. Installation of a concrete strip along the whole length of the fence.	Supply and installation of a heavy gauge chain link fence (2.5mm), 3m high on existing metallic fencing posts for an area measuring 10 m * 10m with an access gate of 1m * 3m high with lock and padlock. Installation of a concrete strip along the whole length of the fence. The fence posts shall be painted with anti-rust paint to prevent corrosion.
3.2	Calibration of EKO MS-57 pyrheliometer	This item has been removed from the scope of works and shall not be quoted.

b. **BILL 1 AND BILL 3 IS REVISED AS FOLLOWS;**

Bidders shall fill the revised Bill of Quantities as tabulated below;

BILL NO. 1: SCHEDULE FOR TRANSPORTATION, INSTALLATION, TESTING AND COMMISSIONING OF A 10M LATTICE MAST AND GHI MEASURING EQUIPMENT AT OLKARIA (MVUKE PRIMARY SCHOOL)

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE KSHS	AMOUNT KSHS.
1.0	Olkaria Site mobilization and demobilization for installation. Cost for the site survey and investigations, supply of foundation materials, detailed foundation designs and provide As-built documentation.	Sum	1		
1.1	Transportation of the 10m lattice mast and associated instruments from Tana HPP to Olkaria, replacement of corroded guy stays, anchors and fasteners and installation of the 10m lattice mast. Painting of mast with primer and two coats of reflective paint as per the Aviation requirements. Installation of anti-climb razor wire at 3.5m height to protect the installed equipment from wildlife.	Sum	1		
1.2	Supply, installation, testing and commissioning of one (1) Class A pyranometer to measure GHI, wind set, humidity & temperature probe, data logger with shelter box, PV panel, batteries, charge controller and associated power control equipment and connection of existing (CMP6 pyranometer) to the new data logger	Sum	1		
1.3	Supply and installation of a heavy gauge chain link fence (2.5mm), 3m high on existing metallic fencing posts for an area measuring 10 m * 10m with an access gate of 1m * 3m high with lock and padlock. Installation of a concrete strip along the whole length of the fence. The fence posts shall be painted with anti-rust paint to prevent corrosion.	Sum	1		
1.4	Erection of wooden security guard house measuring 1.5m x 2m x 2m height with concrete floors, wooden windows and door. The roof should be made of corrugated, pre-painted 30G iron sheets with a ceiling.	No.	1		
	TOTAL BILL I				

BILL NO. 3: CALIBRATION OF FIVE (5) DELTA SPN-I PYRANOMETERS AND ONE (1) PYRHELIOMETER

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE KSHS	AMOUNT KSHS.
3.1	Removal of the Delta SPN-I pyranometers from 5 AWS sites (Kisima, Baragoi, North Horr, Magadi, and Turkwel), calibration of the SPN-I pyranometers and reinstallation in the 5 sites.	No	5		
3.2	Operational laptop (Network ready with inbuilt data reception and transmission software)	No	1		
	TOTAL BILL 3				

BIDDER'S ACKNOWLEDGEMENT OF ADDENDUM NO.1

We, the undersigned hereby certify that the addendum is an integral part of the document and the alterations set out in addendum has been incorporated in the Tender Proposal.

Signed

Tenderer

Date