



KENYA ELECTRICITY GENERATING COMPANY PLC.

TENDER NO. KGN-GDD-093-2018

TENDER FOR SUPPLY AND INSTALLATION OF TRAVELLING BLOCK PROTECTION SYSTEMS AND MAINTENANCE TOOLS.

21st December, 2018.

ADDENDUM NO 2.

In accordance with the tender for “Supply and Installation of Travelling Block Protection Systems and Maintenance Tools,” KenGen hereby issues **Addendum No.2**

1. RIG SPECIFICATION

Rig	
Maximum Rig Load Capacity	4500 kN
Minimum Number of strung lines	8
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Approximate Maximum height of block travel	50 meters
Deadline anchor	
Make	JCG41
Manufacturer	Hubei Jiangnan Petroleum Instruments Co. Ltd
Draw works	
Make	JC70D
Drawworks type	1600 kW, DC
Empty drum dimensions	1070mm X 200 mm
Drill line diameter	38 mm
Encoder Mounting Provision	Yes, 30mm Shaft diameter (Consider having an adjustable bore for the encoder with grab screw)
Distance between encoder and driller console	Max 15 meter cable run
Maximum single line pull	485 kN
Main and Auxiliary Brake	
Main Brake Type	Hydraulic with pneumatic pilot

Make and Model of Main Brake	PS 240/4500
Manufacturer	PSK Industrial Brakes (Beijing) Co. Ltd
Emergency button availability	Yes
Crown/Floor Saver fitting	There is provision but not fitted
Auxiliary Brake Type	Electromagnetic Eddy current Brake
Make	DWS70
Auxiliary Brake Manufacturer	Shanghai Shen Tong Petroleum & Machinery Works Limited
Distance between eddy brake and driller console	Max 20 meters cable run
Auxiliary Brake controller	
Driller Console controller Model	SK-1
Driller Console controller Electrical details	23 kW, 84A, input 220VAC (50 Hz) and Output 0-10 VDC
Main Voltage and Current driver	Siemens DC converter (SIMOREG)
Battery backup	Not fitted
Brake Monitor Fitted	Current drawn by brake display fitted
Emergency push button	Not for electromagnetic eddy current brake
Power selector on brake controller	None
Brake current Display	Yes
Hydromatic/Pneumatic Brake Details	
Possibility to engage brake when drum in motion	Yes
Possibility of varying braking torque	No. Can only be achieved through electromagnetic eddy current brake
Installation Requirements	
Existing cable tray	Yes
New Penetrations	Not likely
Cable preference	As in tender document for oil and gas drilling on shore drilling rig
Power Source	220VAC, 50 Hz
Drill Floor Hazardous Designation	Zone 0/1
Dog House	Zone 0/1
Approximate distance to Doghouse (Cable length)	5 Meters
Anti-Collision Requirements	
Crown block	Yes
Floor	Yes
Monkey Board	No
Link Tilt Mechanism	No
Top Drive	
Make and Model	ESI 1350
Manufacturer	TESCO
SCR Control	
Make and Model	SLT L108-G1
Manufacturer	Beijing Sleton Control Technologies

2. ALTERNATIVE MANDATORY SITE VISIT DATE

An alternative **mandatory site visit** shall be on **9th January, 2018 at 10:00 a.m.** at KenGen's Geothermal Plaza, Olkaria.

This alternative site visit is for those who missed the first mandatory site visit.

3. EXTENSION OF TENDER CLOSING DATE

The tender closing date has been extended from **~~11th January, 2019 at 10.00 a.m.~~** to **24th January 2019 at 10.00 a.m.**

ACKNOWLEDGEMENT OF ADDENDUM NO 2.

We, the undersigned hereby certify that the Addendum is an integral part of the document and has been incorporated in the tender proposal.

Signed.....

Tenderer.....

Date.....