



KenGen

KENYA ELECTRICITY GENERATING COMPANY PLC

KGN-HYD-028-2022

TENDER FOR SUPPLY, INSTALLATION & COMMISSIONING OF SCADA WIDE AREA NETWORK & BACKUP CONTROL CENTRE HARDWARE FOR KENGEN HYDROELECTRIC POWER PLANTS.

RFx 5000009819

(Citizen Contractors)

22nd July, 2022

ADDENDUM NO. 7:

In accordance with the “Tender for Supply, Installation & Commissioning of SCADA Wide Area Network & Backup Control Centre Hardware for KenGen Hydroelectric Power Plants,” KenGen hereby issues addendum No. 7.

EXTENSION OF TENDER CLOSING DATE

INITIAL TENDER CLOSING DATE	EXTENDED TENDER CLOSING DATE
Tender Closing Date: 4th August 2022 at 10.00 a.m.	Tender Closing Date: 18th August 2022 at 10.00 a.m.
Tender Opening Date: 4th August 2022 at 10.30 a.m.	Tender Opening Date: 18th August 2022 at 10.30 a.m.

AMENDED ITEMS/CLAUSES

SCHEDULE OF RATES AND PRICES

Schedule No. 2. Plant and Mandatory Spare Parts Supplied from Within Kenya

Schedule of prices item no B1, B5, B10, B32, C1, C7, C37, D23, K9, M13, Q9 have been **amended** as per the table below

Item	Description	Qty	UOM	Unit price ¹ DDP (currency)	Total PRICE ¹ DDP (currency)
B1	Aggregation Router, 16 x1G SFP/RJ45 & 8x1-10G SFP+, 2X10GBASE-T SFP+ module , MPLS, Carrier Ethernet, Dual-DC power supplies, industrial temperature rating & Conformal-Coated Chassis, all features & licenses as detailed in specifications	2	Units		
B5	Backbone Ethernet switch, 20X1G SFP/RJ45 & 4x 1-10G SFP+, 2X10GBASE-T SFP+modules,10GBASE-ER SFP+ module , Carrier Ethernet, Layer 3, VRF, Dual-DC power supplies, industrial temperature rating & Conformal-Coated Chassis	1	Units		
B10	Hybrid IP PBX, SIP server, at least 50 concurrent calls and 100 users ,16 FXS ports, GSM gateway (2 lines), external outdoor GSM antenna,48 VDC power supply plus all accessories detailed in specifications	1	sets		
B32	Quad (4) Port 10GbE BASE-T Adapter, PCIe for Dell PowerEdge R740 Servers, for existing DMZ servers	6	Units		
C1	Aggregation Router, 16 x1G SFP/RJ45 & 8x1-10G SFP+, 10GBASE-T SFP+ module, 10GBASE-ER SFP+ module , MPLS, Carrier Ethernet, Dual-DC power supplies, industrial temperature rating & Conformal-Coated Chassis, all features & licenses as detailed in specifications	2	units		
C7	Hybrid IP PBX, SIP server, at least 50 concurrent calls and 100 users ,16 FXS ports, GSM gateway (2 lines)-external antenna,48 VDC power supply	1	sets		
C37	Cisco 10GBASE-T SFP+ module with RJ-45 connector extended temperature range, for the existing SCADA DMZ Cisco 9300U Ethernet Switches, BCC DMZ cabinet	14	Units		
D23	Industrial grade Access Ethernet Switch 1000BASE-LX SFP transceiver module for SMF, industrial operating temperature, range up to 10km	2	units		
K9	Ruggedized Corded IP telephone set, stainless steel enclosure	4	units		
M13	Industrial grade Access Ethernet Switch 1000BASE-LX SFP transceiver module for SMF, industrial operating temperature, range up to 10km	4	units		
Q9	Hybrid IP PBX, SIP server, at least 50 concurrent calls and 100 users ,16 FXS ports, GSM gateway (2 lines), external outdoor GSM antenna,48 VDC power supply plus all accessories detailed in specifications	1	sets		

SECTION V: TECHNICAL SPECIFICATIONS

3.3 NETWORK DESIGN AND ARCHITECTURE

Old Clause	Amended Clause
3.3.3.3.2 SCADA application network shall have a separate VPN and VRF instances on the transport network. Each. The three network functions shall be segregated using quality of service markers and any other layer three measures to ensure the	3.3.3.3.2 SCADA application network shall have a separate VPN and VRF instances on the transport network. The three network functions shall be segregated using quality of service markers and any other layer three measures to ensure the performance requirements for each function are met
3.3.4.1.13	deleted

PRELIMINARY BILL OF MATERIALS

DETAILED SCOPE OF SUPPLY FOR PLANT AND MANDATORY SPARE PARTS

B KAMBURU

Item B30 quantity has been amended to 16

BQ Item	Description	Qty	UOM	Offered by bidder (YES/NO)	Bidders' comments or Deviations
B30	Cisco 10GBASE-T SFP+ module with RJ-45 connector extended temperature range, for the existing SCADA DMZ Cisco 9300U Ethernet Switches, BCC DMZ cabinet	16	Units		

P TOOLS

Quantity of rugged laptops to be delivered is four (4)

BQ Item	Description	Qty	UOM	Offered by bidder (YES/NO)	Bidders' comments or Deviations
P4.1	Hardened laptop,8C/16T,2.6GHZ,24MB L3,32GB 3200MT/s RAM,1 TB, M.2 NVMe MLC, High performance graphics 8GB VRAM,17.3 display, 1X1Gb Base-T	4	Units		

ACKNOWLEDGEMENT OF ADDENDUM No.7

We, the undersigned hereby certify that the addendum is an integral part of the document and the alterations set out in the Addendum have been incorporated in the tender proposal.

Signed.....

Tenderer.....

Date