



KenGen

KENYA ELECTRICITY GENERATING COMPANY PLC

KGN-GDD-017-2025

RFx: 5000016594

**TENDER FOR SUPPLY, INSTALLATION AND COMMISSIONING OF OLKARIA 1 AU TO
GEOTHERMAL WORKSHOPS OPTICAL FIBER LINK.**

(Reserved for Youth Enterprises)

Date: 26th March 2025

Addendum No. 1

In accordance with the tender for “Tender for Supply, Installation and Commissioning Of Olkaria 1 AU to Geothermal Workshops Optical Fiber Link, KenGen hereby issues Addendum No. 1 as follows:

1. Revised Price schedule A

SCHEDULE A				
Item	Product	Qty	Unit Price	Total Price
1.	Supply and installation of a 48-Core, armoured Single Mode Optical fiber cable for underground installation.	2500Meters		
2.	Supply and installation of a 8-Core, armoured Single Mode Optical fiber cable for underground installation.	2000Meters		
3.	Supply and install 32mm HDPE pipes.	4500Meters		
4.	Warnings tape for Underground cable installations.	4500Meters		
5.	Supply and install 48-Port rackmount ODF complete with SC type connectors	2Pcs		
6.	Supply and install 8-Port rackmount ODF complete with SC type connectors	7Pcs		
7.	Single Mode SC-SC patch cords ,1M	50		
8.	Single Mode SC-LC Patch Cords, 1M	30		
9.	Supply weatherproof underground Optical fiber splice kits complete with accessories for underground Optical fiber installations.	10Pcs		
10.	Construction of manholes complete with covers as specified.	6No.		

11.	Supply and installation of Size 6U, 19 inch, 600mm deep wall mount LAN cabinets.	1Pcs		
12.	Supply and installation of 1No.size 20U, 19-inch 600mm deep wall mount cabinet.	1Pc		
13.	Concrete Danger/Hatari/OFC surface marking posts	100Pcs		
14.	Cisco SFP Modules-Single mode	10pcs		
15.	Optical Fiber Aggregation Switch Type Cisco Catalyst 9300-24S-E 24 Ports - 1Gigabit Ethernet SFP PORTS. Include 3-year smart net license.	1Pc		
16.	Installation accessories and materials (Pigtails, Galvanized Iron Pipes, PVC Conduits, Flexible conduits, Metallic Trunkings, Angle lines, PVC trunkings, Screws, Bolts, Cement, Ballast etc)	Lot		
17.	Under road ducting/Micro tunneling for road crossing	3		
18.	Any other materials required to ensure completeness of works as specified. (List the materials with cost per line item.)	Lot		
19.	Comprehensive warranty services for 1year.	Lot		
SUB-TOTAL				
Discount (%) if any				
Other Charges where applicable (e.g. inland transport, handling)				
Add 16% VAT				
Total Price Delivery Duty Paid (DDP) to Olkaria 1AU				
Currency of Tender				
Delivery period (after signing contract)				

TENDERER'S NAME: _____

TENDERER'S SIGNATURE _____

DATE _____

SECTION V - SCHEDULE OF REQUIREMENTS

Notes for Preparing the Schedule of Requirements

The Schedule of Requirements shall be included in the Tendering document by the Procuring Entity, and shall cover, at a minimum, a description of the goods and services to be supplied and the delivery schedule.

The objective of the Schedule of Requirements is to provide sufficient information to enable tenderers to prepare their Tenders efficiently and accurately, in particular, the Price Schedule, for which a form is provided in Section IV. In addition, the Schedule of Requirements, together with the Price Schedule, should serve as a basis in the event of quantity variation at the time of award of contract pursuant to ITT 42.1.

The date or period for delivery should be carefully specified, taking into account (a) the implications of delivery terms stipulated in the Instructions to tenderers pursuant to the Incoterms rules that “delivery” takes place when goods are delivered to the final place of delivery, and (b) the date prescribed herein from which the Procuring Entity's delivery obligations start (i.e., notice of award, contract signature, opening or confirmation of the letter of credit).

Item	Product	Qty
1	Supply and installation of a 48-Core, armoured Single Mode Optical fiber cable for underground installation.	2500Meters
2	Supply and installation of a 8-Core, armoured Single Mode Optical fiber cable for underground installation.	2000Meters
3	Supply and install 32mm HDPE pipes.	4500Meters
4	Warnings tape for Underground cable installations.	4500Meters
5	Supply and install 48-Port rackmount ODF complete with SC type connectors	2Pcs
6	Supply and install 8-Port rackmount ODF complete with SC type connectors	7Pcs
7	Single mode SC-SC patch cords ,1M	50
8	Single Mode SC-LC Patch Cords, 1M	30
9	Supply weatherproof underground Optical fiber splice kits complete with accessories for underground Optical fiber installations.	10Pcs
10	Construction of manholes complete with covers as specified.	6No.
11	Supply and installation of Size 6U, 19 inch, 600mm deep wall mount LAN cabinets.	1Pcs
12	Supply and installation of 1No.size 20U, 19 inch 600mm deep wall mount cabinet.	1Pc
13	Concrete Danger/Hatari/OFC surface marking posts	200Pcs
14	Cisco SFP Modules-Single mode	10pcs
15	Optical Fiber Aggregation Switch Type Cisco Catalyst 9300-24S-E 24 Ports - 1Gigabit Ethernet SFP PORTS. Include 3-year smart net license.	1Pc
16	Installation accessories and materials (Galvanized Iron Pipes, PVC Conduits, Flexible conduits, Metallic Trunkings, Angle lines, PVC trunkings, Screws, Bolts, Cement, Ballast etc)	Lot

17	Under road ducting/Micro tunneling for road crossing	3
18	Any other materials required to ensure completeness of works as specified. (List the materials with cost per line item.)	Lot
19	Comprehensive warranty services for 1year.	Lot

1. Technical Specifications

1.5 If a summary of the Technical Specifications(TS) has to be provided, the Procuring Entity shall insert information in the table below. The tenderer shall prepare a similar table to justify compliance with the requirements.

Summary of Technical Specifications: The Goods and Related Services shall comply with following Technical Specifications and Standards:

	TECHNICAL SPECIFICATIONS FOR MATERIAL FOR THE WORKS	Bidders Response (Yes/No)
1.	<p>2.5 KM long armoured outdoor 48 Core Singlemode Fiber Optic Cable. This cable will be buried underground. Cable to be supplied shall be in one continuous roll.</p> <p>Fiber Cable Characteristics:</p> <ul style="list-style-type: none"> - Single Mode - 48 Cores Loose Tube - Corrugated Steel Armouring - Area of Use: Direct Burial Underground 	
2.	<p>2.0 KM 8-Core , armoured Single Mode Optical fiber cable for underground installation This cable will be buried underground. Cable to be supplied shall be in one continuous roll.</p> <p>Fiber Cable Characteristics:</p> <ul style="list-style-type: none"> - Single Mode - 8 Cores Loose Tube - Corrugated Steel Armouring - Area of Use: Direct Burial Underground 	
3.	<p>Cisco Catalyst 9300-24S-E</p> <ul style="list-style-type: none"> - Catalyst 9300 24-port 1G SFP with modular uplinks, - Should run on Cisco IOS XE 16.1 1.1a release or latest release - Network Essentials - 3 year SmartNet Warranty 	
4.	<p>Outdoor Fiber Enclosure Kit:</p> <ul style="list-style-type: none"> - 2 Pieces - Fully sealed & Waterproof - For Underground Use - Splice Provision for 24 cores - At least 3 Cable Entry Inlets 	
5.	<p>Standard Wall Mount Cabinet:</p> <ul style="list-style-type: none"> - 2 Pieces - 9U - 19 inch width - 600mm Depth - Glass Front - Top Extractor Fan - Removable cable entry panel in top and base 	
6.	<p>Single mode Fiber Pigtails:</p> <ul style="list-style-type: none"> - SC Connector Type 	

7.	Cisco Single Mode SFP ~ can cover 10km ~ 1000BASE-LX/LH	
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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 have been incorporated in our tender document.

Signed

Tenderer

Date