ENDUMENI

ADDENDUM

Prospective bidder, you are hereby notified to take note of the following amendments on the bid document advertised on the 15th December 2022:

1. Page C2.2-2 Summary of bills **21 of 21** = correct page is **C2.2-1**
2. Page C3.1-2 Item C3.3 line 1……..**Phase 1** = correction to **Phase 2**
3. Page C3.1-4 Anticipated connections **392** = correction to **552** connections
4. Page C3 The Kunene-Craydon Farm **Phase 1** Electrification Project **392** connections……..= correction to …"**Phase 2"** and …"**552**" connections,
5. Page C7 Item 1.3 Scope of the Works:

- line 2……..**Install New Section Breaker**. = This statement is to be **deleted completely**.
- line 5…… the **392** house service connections = **552**
- line 6….. airdac and the **392** meters = **552**

6. T2.1 List of Returnable documents Annexure G, Certificate of Close Corporation, ……Contract No: **B08/2021-22: B08/2021-22** = correction to **B09/2022-23,**

7. T2.1 List of Returnable documents correction to **B09/2022-23,**

Annexure G, Certificate for Partnership, …….Contract No: **B08/2021-22: B08/2021-22** =

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Bill of Quantities (See the attached)

1. Electrification of Kunene-Craydon Farm Phase 2 Electrification Project 552 connections

Bill No. 1 – Preliminary and General	1-2 of 21
Bill No. 2 – Medium Voltage Equipment	3-4 of 21
Bill No. 3 – MV Installation	5-8 of 21
Bill No. 4 – LV Overhead Distribution System	9-11 of 21
Bill No. 5 – House Service Connection	12-16 of 21
Bill No. 6 – House Service Connection	17-18 of 21
Bill No. 7 – Dismantling	19 of 21
Bill No. 6 – Line Clearing	20 of 21
Summary of bills	C2.2-1

C3.3 Material

All materials for Kunene-Craydon Farm Phase 2 Electrification Project shall be supplied and delivered by the contractor for safe keeping on site.
Transport for collecting of materials is for the Contractors account.

Transport for returning of **All** the Municipalities surplus and dismantled materials are for the Contractors account.

The Municipality representative and the Contractor shall sign the Goods Issue Document at collection as a declaration that;

- The quantities are correct as specified on the Good Issue Document
- The quality of material is acceptable
- Any discrepancies found shall be noted in the remarks column and co-signed by the Municipality representative
- Municipality representative and the Contractor

MATERIALS SUPPLIED ARE:

All other materials associated with the completion of the project as per the bill of quantities.

The Storekeeper shall action these remarks

The Contractor is responsible to store and safeguard the material on site.

All material received shall be neatly stored in clearly defined areas to facilitate checking of quantities and quality. Receipt slips shall be forwarded to the Project Manager on collection and a record shall be kept on site of the total quantities of material received. ENDUMENI Municipality will not be held responsible for any construction delays resulting from loss of material.

All surplus material, including off-cuts of phase and earth conductors shall be collected by the Contractor on completion of each scheme and returned to ENDUMENI Municipality's Operational Store.

Loss, theft or damage to material procured by the Contractor for this project shall be on the account of the Contractor. The risk in the material shall pass from ENDUMENI Municipality to the Contractor on receipt by the Contractor

It is the Contractors responsibility to ensure that delays in deliveries of materials are brought to the notice of ENDUMENI Municipality's Project Manager immediately.

The Contractor shall maintain a record of material receipts, on hand and where used at the storage premises at all times.

The Eskom Project Manager shall be allowed free access to audit and inspect such site stores

The Contractor shall ensure that all materials required for the completion of this Works, shall be timorously ordered and delivered. A minimum of 14 (fourteen) days' notice on a dispatch request form is required by Eskom for the preparation of each batch of materials to be delivered. The Contractor will nevertheless compile a detailed delivery schedule depicting types and quantities of materials and the dates on which such materials shall be available for collection.

The Contractor shall note that materials shall be specified in terms of standard assembly drawings as contained in the Eskom Distribution Standard

C3.4 Meetings

It is envisaged that the Contractor will be attending the following meetings at his own cost

Meeting	Frequency
Site Inspection (Quality Assurance)	four times a month
Site Meetings	once a month
Pre-Energising commissioning	once after completion
Project Closing Out Meeting	once
Final Hand-over	once
Safety meeting	once/month
Feedback meetings	once/month

C3.5 Recording of Tests / Complaining / Safety Data

The Appointed Contractor should provide the books / manuals for recording the above data.

C3.6 Program

C3.6.1 Key Dates

Purchase of document	XXXXXXXXX
Clarification meeting	N/A
BOQ returnable	XXXXXXXXX
Construction to Commence	XXXXXXXXX
Construction Completion	XXXXXXXXX
Energising of all connections	XXXXXXXXX
Handover, CRP data. As-built drawings	XXXXXXXXX

Anticipated connections

Total - 552 connections

A detailed construction and resource schedule to be provided by contractor as indicated in the annexure. This becomes part of the contract. Failure to provide this may result in disqualification

The Kunene-Craydon Farm Phase1 Electrification Project 552 connections falls under the Endumeni Local Municipality. Access to this project is via Endumeni CBD. This project situated in a dry and hot area in the KwaZulu-Natal Province. A summary of the conditions likely to be encountered on site is given below.

Temperatures	Very hot in summer, very cold in winter
Rainfall	Average to stormy and lightning strikes
Vegetation	Dense bushes
Agriculture	Small scale subsistence farming
Topography	Semi flat
Soil type	Partially Hrd rock and River sand

a
The Contractors must familiarize themselves with the following before commencement of the project:

- All Reports, Drawings and Information forwarded by the Employer
- Physical conditions within the site and surroundings.
- Publicly available information about the site and surrounding
- Information about piped and other services below the surface of the site
- Buildings and structures that are within and adjacent to the site
- Atmospheric and environmental data

1.3 SCOPE OF THE WORKS

The MV scope of work includes 1.1 km of New Three Phase Fox MV. The installation of 3x100kVA and 2x200kVA 11kV/415V transformers.

The LV infrastructure consists of 4km of 35mm² single-phase, 4km of 35mm² dual-phase, 4km of 70mm² three-phase LV ABC conductor with insulated neutral.

The 552 house service connections are to be connected with approximately 27km of 6mm² airdac and the 552 meters are to be sealed by the Contractor including making good walls where ready board has been installed. (To include one coat of paint if necessary)

The respective MV lines, transformers, auxiliary equipment and house services connections, are to be constructed, commissioned, tested, energised, and handed over to the Eskom. The quality of work is to be audited by the contractor, before being inspected by the Project Manager or his representative.
The contractor is required to supply, deliver, install, test, commission, mark-up as-built drawings and hand over in working order the whole of the works associated with all MV, LV and metering.
The contractor will provide a suitable site store and office. The design is based on the Eskom DT Standards.
The detail of the works required is included in the design drawings and bill of quantities.

1.3.2 Site Location

The Site is located in the Municipal area of Endumeni Municipality. The sites are known as Foresdale and Dlamini.

1.3.3 Extent of the Works

The Works contained in this contract involves:

a) MV FOX overhead lines
b) Transformers
c) LV ABC overhead lines
d) Wooden poles
e) House installation (Airdac, pre-paid meter and ready board)
f) Earthing
g) Excavations and backfilling
h) Testing and commissioning

1.3.4 Time for Completion

The Time for Completion shall be stated in the appointment letter.

1.4 DRAWINGS

The following layouts are to be constructed.

1.5 SITE CONDITIONS

1.5.1 Access to the Site

Access to the Site will be from existing roads.

1.5.2 Other Contractors on Site

T.B.C

1.5.3 Co-operation During Construction

The Contractor shall co-operate with all other sub-contractors on Site and co-ordinate activities in order to allow all contractors to do their work.
The Contractor shall co-operate closely with the Local Supply Authority about the disconnection of the 22kV supply and adhere to conditions for outages.

1.5.4 Supervisory Personnel

The Contractor will be required to nominate a responsible person to supervise the Contractor's activities on Site and to act as the liaison officer on the Contractor's behalf.
The Engineer will nominate a responsible person who will carry out inspections on Site and act as the Engineer's liaison officer.

1.6 SITE FACILITIES

1.5.1 Site Office

To be provided by Contractor if deemed to be necessary.

1.6.2 Toilet and Ablution Facilities

To be provided by Contractor.