

	ELECTRIFICATION DESIGN SCOPE OF WORK	Template Identifier	240-43921804	Rev	6
		Document Identifier	XXX-XXXXXXX	Rev	X
		Effective Date	January 2021		
		Review Date	January 2024		


ELECTRIFICATION DESIGN SCOPE OF WORK

The scope of work / specification for provision of Professional Engineering Services for Electrification design is designed by the standard process in Engineering Design Department. In general, the scope of work covered by this Contract includes:

- To confirm the number of stands and connections with the Ward Councillors and Electrification Planner on site.
- Identify nearest Medium Voltage (MV) line connection point and get approval from local Customer Network Centre (CNC).
- Do site verifications to prepare for prelim design
- Obtain planning proposal and stakeholder signatures for the related projects
- Compile the preliminary design including new Medium Voltage (MV) feeder line(s) , upgrade of the Medium Voltage (MV) feeder line(s) and Medium Voltage (MV) line(s) deviations.
- Conduct Preliminary and detailed design review with stakeholders
- Prepare and present the preliminary design at TEF (Technical Evaluation Forum).
- Verification of pegging (including crossing templates)
- Studying of environmental inputs(Distribution Environmental Screening Document (DESD), Way leaves, Tree permits, Road Agency Limpopo (RAL) approvals, South African Resource Act Heritage (SARAH) studies and etc)
- Align pegging, environmental inputs and crossings with the Design.
- Compile and submit the detailed design including required Medium Voltage (MV) feeder line(s)
- Support during construction as and when required.

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Compiled by



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Sydney Mamosadi

Asset Design Manager

06/09/2023
Date.....

Co-Signed

Marumo Marumo

05/10/2023



Accepted by



Baldwin Maudu

NED Manager

06/09/2023
Date.....

Co-Signed



Faans van Zyl
Middle Manager Network Planning and NED
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Date: 2023/10/11

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