



Standard Technical Specification

**Utilities Management Services:
Electricity Planning and Customer Services**

Revision 0.0

Date 26/01/2021

DESIGN, MANUFACTURE, CONFIGURE, SUPPLY AND DELIVER ELECTRICITY METERS AND TECHNICAL SUPPORT

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1. Purpose

The purpose of the document is to provide clarity and add additional items on the Bill of Quantities (BoQ) so as to avoid confusion of the scope of work.

2. Objective

Objective of the addenda is to allow bidders to provide pricing for two variant dimensions of the Low Voltage Single Phase Meters as stipulated in the BoQ as well as make provision for the supply and installation Meter Reading system for smart metering purposes.

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3. Bill of Quantities

The number of electricity meters to be acquired by Mogale City over a period of three years are estimated to be as stated on Table 1.

Table 1: Bill of Quantities estimated for the electricity meters over a period of three years

Item	Description	Unit	Indicative Quantities	Rate	Amount
1.1	Low Voltage Single Phase Meter with Split Customer Interface Unit	ea	Rate Only		
1.2	Customer Interface Unit	ea	Rate Only		
1.3	Low Voltage Single Phase Meter with Split Customer Interface Unit (British Standard Footprint)	ea	Rate Only		
2.1	Low Voltage dual-phase or three-phase Phase Meter with Split Customer Interface Unit	ea	Rate Only		
2.2	Low Voltage dual-phase or three-phase Phase Meter without Split Customer Interface Unit	ea	Rate Only		
2.3	Low Voltage dual-phase or three-phase Phase Meter without Split Customer Interface Unit with installed WAN modem	ea	Rate Only		
3.1	High Voltage and Low Voltage Poly-phase Meter direct and CT Connect	ea	Rate Only		
3.2	High Voltage and Low Voltage Poly-phase Meter direct and CT Connect with installed WAN (GPRS as minimum) modem	ea	Rate Only		
4.1	High Voltage Poly-phase Meter Current Transformer Connect	ea	Rate Only		
4.2	High Voltage Poly-phase Meter Current Transformer Connect with installed WAN (GPRS as minimum) modem	ea	Rate Only		
4.3	Optical (Infrared) Interfacing Cable	ea	Rate Only		
5	Data Concentration Unit	ea	Rate Only		
6	Head-End Meter Reading System	ea	Rate Only		
7	Remote Meter Reading and Analysis System	ea	Rate Only		

