

	DEVIATION SCHEDULE LIMLANGA PROCUREMENT	Unique Identifier	240-146777101
		Document Type	Form
		Revision No.	1
		Effective Date	31 May 2019

1. PRODUCT DETAILS

NB: Only one item per Deviation Schedule.	
Sap Material No.:	0229922
Short Description:	BOX DISTR:POLE TOP SPLIT METER 4-WAY 20A
Full Description:	<p>BOX, DISTRIBUTION: TYPE: POLE TOP SPLIT METER 4-WAY 20A;</p> <p>WIDTH: 340 MM; LENGTH: 300 MM; DEPTH: 120 MM;</p> <p>MATERIAL: NON-METAL; PROVISION FOR TWO STAINLESS STEEL STRAPS 12MM WIDE X 0.75MM THICK FOR SECURING AROUND A POLE OR SQUARE POLE;</p> <p>SUPPLIED AND FITTED WITH:- 7 X NUMBER 1 HIGH STRENGTH COMPRESSION GLANDS,</p> <p>4 X 1.5M X 10MM SQ. UV STABLE PVC INSULATED COPPER LEADS,</p> <p>2 X 50A MINIATURE CIRCUIT BREAKERS (MCB) (D-DT 3083),</p> <p>1 X NEUTRAL BUSBAR INTERNAL WIRING 1 X DIN RAIL FOR THE FITMENT OF THE MCBS AND METERS AND 2 X 5KA/5KV SURGE ARRESTORS; USED FOR 4 X 20 AMP CUSTOMERS;</p> <p>LAYOUT AND WIRING AS PER D-DT-1043;</p> <p>ESKOM DRAWING No. D-DT-3055 *</p>

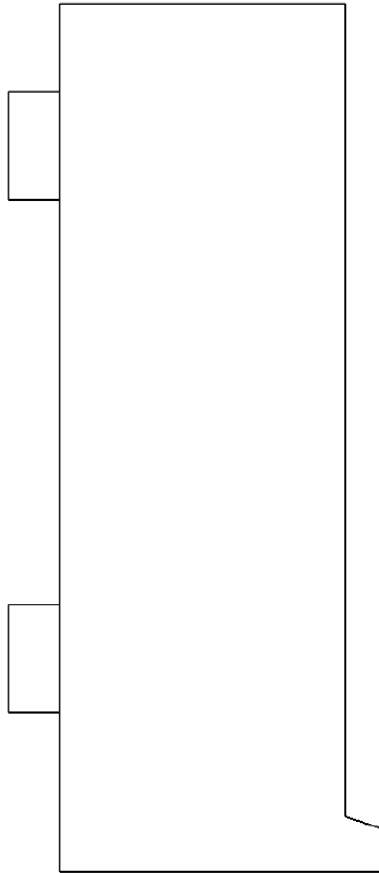


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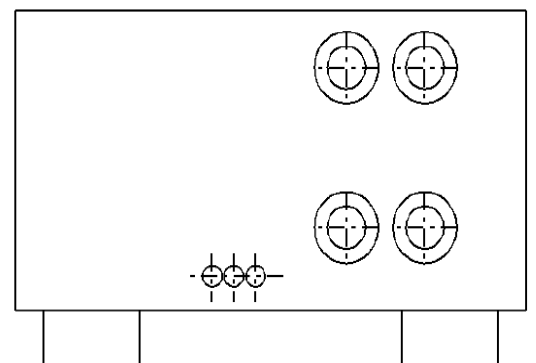
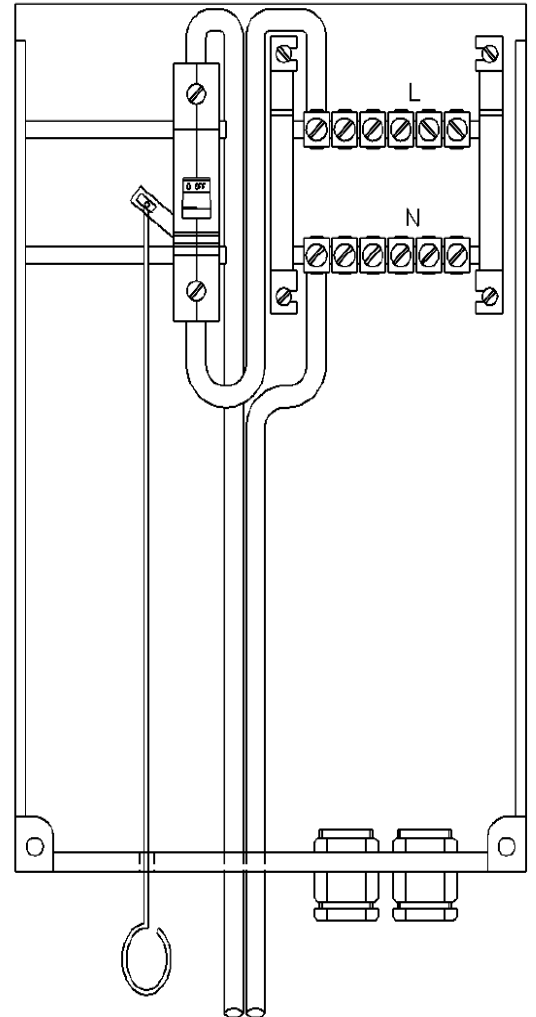
[Click here to enter specification number and name.](#)

Drawing
Specification:



4 WAY BOX

NOTE :
SKETCH NOT FOR
MANUFACTURING PURPOSES.



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2. EVALUATION CRITERIA

2.1 MANDATORY TECHNICAL RETURNABLES:

The following mandatory requirements must be submitted with the tender. Failure to submit any of the following will lead to immediate disqualification:

- Technical Deviation Schedule. (*Section 3.2*)
- Type Tests (*Section 3.3*)
- Manufacturing drawing showing all dimensions, standards and specifications, (*Section 3.4*)

2.2 FUNCTIONAL EVALUATION (SCORING):

Criteria	Clause	Weighting (%)	Score
Are all deviation listed and submitted for evaluation by Eskom? <i>Deviation schedule to be filled and submitted even if there are no deviations.</i>		20	
Are all type tests submitted and results positive?		40	
Does the product offered comply with drawing requirements of D-DT-3055?		40	
TOTAL		Score	/100

NB: The tenderer has to score 100% in order to pass this evaluation.

3. TENDERER DETAILS AND OFFER

3.1 TENDERER DETAILS

Supplier Name:	_____
Manufacturer Name:	_____
Product Code:	_____
Other Information:	_____

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3.2 DEVIATION SCHEDULE

Any deviations from the stipulated specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by Eskom. The deviation schedule is to be completed by all tenderers. This deviation schedule shall be filled even if there are no deviations.

Standard / drawing reference	Clause	Proposed deviation

3.3 TESTS SUBMISSIONS REQUIRED

Submit all Type Tests.	
Description	Submitted (Yes/No)
<ul style="list-style-type: none"> Tests shall be carried out in accordance with NRS 032 and proof must be submitted. 	

3.4 MANUFACTURING DRAWING SHOWING ALL DIMENSIONS, STANDARDS AND SPECIFICATION.

Kindly indicate compliance with a "Yes or No" on the table below:	
Description	Submitted (Yes/No)
<ul style="list-style-type: none"> Pole-mounted service distribution boxes for split prepayment metering shall comply with NRS 032 and standard (240-75659760). 	
<ul style="list-style-type: none"> Service Distribution Box types. <ul style="list-style-type: none"> ✓ Split type 4-way for one phase: It shall be fitted with two 50A MCBs (20A supplies) or four 63A MCBs (60A supplies) with 5kA short circuit breaking capacity, DIN rail to accommodate four split prepayment meters and connection points for 4 customers and a streetlight. ✓ The minimum dimensions for the split meter distribution boxes are given in D-DT-1042, 1043, 1044 & 1045. 	
<ul style="list-style-type: none"> Box <ul style="list-style-type: none"> ✓ The boxes shall be suitable for wood or concrete pole mounting. Stainless steel straps shall be used for securing SMDB around the pole. ✓ The degree of protection for the SMDB shall be IP33. ✓ The SMDB door shall be hinged on top and a sturdy non-ferrous door stay shall be fitted to keep the door in a 110 degree open position. ✓ The door shall be secured through a lock lip on the box and an Eskom padlock. At least one captive screw or locking mechanism shall also be provided for the door to be secured to the SMDB. ✓ DIN rails shall be supplied and fitted with the SMDB. 	
<ul style="list-style-type: none"> Material 	

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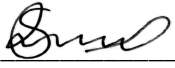

<ul style="list-style-type: none"> ✓ The Material of SMDB shall be as per NRS 032. ✓ SMDB shall be UV protected. ✓ The colour of SMDB shall be as per NRS 032. 	
<ul style="list-style-type: none"> • Miniature circuit breakers <ul style="list-style-type: none"> ✓ The 20A supplies shall either have a 40A hydraulic magnetic MCB or 50A thermal magnetic MCB and shall comply to the following: <ul style="list-style-type: none"> ➤ DIN rail mounted ➤ 5kA short circuit breaking capacity ➤ 230V rated voltage ✓ The 50A thermal magnetic MCBs shall comply with the following requirements and SANS 556-1: <ul style="list-style-type: none"> ➤ Full discrimination with a 20A standard curve MCB up to 1000A. ➤ Tripping curve which conforms to the limits given in the graph in appendix A of 240-75659760 	
<ul style="list-style-type: none"> • Busbars <ul style="list-style-type: none"> ✓ Neutral busbar(s) shall be provided and fitted. The current rating shall be as specified in the design drawings. Busbars shall be made of tinned copper. ✓ No earth bar is required for non-steel kiosks. 	
<ul style="list-style-type: none"> • Surge arrestors <ul style="list-style-type: none"> ✓ Surge arresters complying with the requirements of 240-75660532 shall be mounted in the split prepayment metering pole top box. ✓ They shall be connected between the “LIVE” input terminal of the first meter and “NEUTRAL” bar. 	
<ul style="list-style-type: none"> • Power Supply cables <ul style="list-style-type: none"> ✓ The distribution box shall be fitted with either 10mm² , 16mm² or 25mm² insulated copper supply conductors each 1,5 m long unless specified otherwise in the manufacturing drawings. The conductor shall be UV stabilized and in accordance with SANS 1507. ✓ The supply cable connections are in addition to the number of service connections specified. There shall be 4 supply cables for the 4-way supplies (2 phase and 2 neutral). 	
<ul style="list-style-type: none"> • Internal wiring <ul style="list-style-type: none"> ✓ The internal wiring shall be from 10mm² insulated copper conductor and as specified in the manufacturing drawings. ✓ The conductor shall be UV stabilized and in accordance with SANS 1507. ✓ The wiring shall be bend as per the manufacturing drawings to accommodate the four terminal, bottom entry split prepayment meters. ✓ The ends of the wiring shall have the insulation stripped off by 15mm. 	
<ul style="list-style-type: none"> • Cable glands <ul style="list-style-type: none"> ✓ High strength cable glands for service cable entries, streetlight supply cables and customer supply cables shall be UV-stabilized and suitable for 2.5 -10 mm² concentric cables in accordance with 240- 75659670. Cable glands shall comply with Eskom standard 240-75660817. 	
<ul style="list-style-type: none"> • Split meters <ul style="list-style-type: none"> ✓ The four terminal DIN-rail mounted split prepayment meters will not be supplied by the manufacturer of the SMDB. 	
<ul style="list-style-type: none"> • Marking, Labelling and Packaging. <ul style="list-style-type: none"> ✓ Labelling and marking on the SMDB shall be in English. 	

Inquiry Number: 1075028215

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<ul style="list-style-type: none"> ✓ A danger sign of minimum size 100 mm x 60 mm shall be supplied on the door and shall form an integral part of the lid. The sign shall be as specified in table 7, WW7 of SANS 1186-1:2011. ✓ The words "Danger, Gevaar, Ingozi" shall appear as part of the danger sign. ✓ The SMDB shall be marked legibly and indelibly with the manufacturer's name and the month and year of manufacturing (inside). ✓ Packaging shall not damage the unit. 	
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3.5 AUTHORIZATION

Compiled by: <u>Sello Lekalakala</u>	Designation: <u>Snr Technician Electrical</u>
Signature: 	Date: <u>01/06/2022</u>
Approved by: <u>Mmedi Motaung</u>	Designation: <u>SI LimLanga Manager Engineering</u>
Signature: 	Date: <u>02/06/2022</u>

3.6 AUTHENTICATION OF THE OFFER BY TENDERER

Signed by: _____	Designation: _____
Signature: _____	Date: _____

NB: By signing above the supplier is legally binding themselves to the compliance with the Standard Requirements completed on this deviation schedule.