



## REQUEST FOR FORMAL WRITTEN PRICE QUOTATION FORM

### RE-ADVERTISEMENT

**Procurement from R30 000, 00 up to a transaction value of R200 000, 00 (including Vat). (For publication on Lesedi Local Municipality Website and Notice Board)**

THE SUPPLY, DELIVERY AND OFFLOADING OF POLYETHYLENE FULLY WIRED ENCLOSURES

DATE OF ADVERTISEMENT	09 MAY 2017
DATE OF CLOSING	17 MAY 2017@12H00
COMPULSORY BRIEFING SESSION ( IF APPLICABLE)	
DETAILS OF BIDDER	
FULL NAME	
ADDRESS OF BIDDER	
ID NUMBER (SOLE PROPRIETOR) COMPANY OR CC NUMBER	
REGISTRATION NUMBER (PTY) LTD	
TAX REFERENCE NUMBER	
VAT REGISTRATION NUMBER (IF ANY)	
CONTACT PERSON	
ALTERNATIVE CONTACT PERSON	
TELEPHONE NUMBER	
CELL PHONE NUMBER	
FAX NUMBER	
CIDB NUMBER (IF ANY)	

**Must be completed in full**

## **Introduction**

The electrical enclosures in Lesedi areas are currently in a dilapidated stage such that reactive interventions are no longer yielding any positive outcomes. The current situation contributes towards the Municipality's loss in revenue as the enclosures are more prone to vandalism and illegal connections. The other negative factor is the safety in the area especially for minors. This is evident by number of illegal connections that the department has to attend to in Lesedi areas and recent incidents of children being electrocuted.

## **1 Scope**

This contract calls for the supply, delivery and offloading of Polyethylene enclosures on an as and when required basis for an amount not exceeding R200 000 (VAT included), details are indicated on the following schedules.

## **2 Quantities**

Due to the uncertainty and fluctuation of the LLM requirements, no indication can be given as to the quantities of the above-mentioned items which will be required under this contract. The supplier will therefore be required to supply the requirements in such quantities as may be required by the LLM from time to time. When supplies are required, the LLM will endeavour to place orders, on an as and when required basis, as far in advance as possible.

## **3 Brief Technical Specification**

The enclosure must be made of Polyethylene material and must be wired. The enclosure must have the following but not limited to,

- ❖ The enclosure must be pole mounted
- ❖ Must be fully wired with busbars and single phase circuit breakers( breaker size ranges from 60A to 80A)
- ❖ Must be fitted with dinrail to accommodate installation of meters
- ❖ Must be fitted with common Earth/Neutral bar
- ❖ Must be acid resistance
- ❖ Must be chemical resistance
- ❖ Must have good heat resistance qualities
- ❖ Must not be an electrical conductor
- ❖ Danger labels must be moulded into the enclosure
- ❖ Must be able to accommodate circuit breaker and a split meter
- ❖ Must be fitted with anti-vandal locks on the doors
- ❖ Must have an opening for cables entry
- ❖ Must be designed in a manner that will eliminate weak points in corners
- ❖ Must be light grey in colour
- ❖ All bolts, nuts, washes etc must be stainless steel
- ❖ Must have an IP rating of 54
- ❖ Must have an anti vandal locks fitted to the doors
- ❖ Must be fitted with dinrail for meters and 16mm tails
- ❖ Must have passed the following SABS test and proof must be attached, failing the bid will be rejected
  - IP rating test
  - Impact test
  - Temperature test

#### 4 Continued specification for low voltage metering enclosures

- Tamper proof enclosures shall be designed to host split prepayment meters or credit meters as requested.
- Kiosks will be called 6 way, 12 way and 18 way.
- Pole boxes shall be called 4 way, 6 way and 8 way pole boxes.
- Meters currently in use: Cashpower 2000, Cashpower Gemini Split Meter, Cashpower Gemini PLC, Cashpower Power – Rail, Conlog Din Rail BEC 44 series, Landis + Gyr Electronic credit meter. Itron Din Rail PLC meters.
- Enclosures shall be pre wired for a specific required meter.
- Enclosures shall be divided in the inside to separate the meters, circuit breakers, isolator and bus bars.
- The circuit breaker compartments must be easily accessible without interference with other compartments.
- Pole boxes will only have 1 compartment and 1 door with internal hinges

Enclosures shall be pre-wired as follows:

METERING COMPARTMENT:	
11.1	Supply and fitted with the correct number of 60A or 80A single pole (6kA) Curve 1 circuit breakers.
11.2	Circuit breakers will be separately supplied from the bus bar side with colour coded insulated copper tails (Red, White, and Blue). Copper tails shall be 16mm <sup>2</sup> minimum.
11.3	Phase balancing: 2 x Red, 2 x White, 2 x Blue
11.4	16mm <sup>2</sup> colour coded Insulated Copper tails to be supplied from the circuit breaker to each meter. The tails must be so arranged to enable a person installing the required meter for the enclosure just to connect the meter with the tails.
11.5	16mm <sup>2</sup> black Insulated copper tails to be supplied from the neutral bus bar to each meter. The tails must be so arranged to enable a person installing the required meter for the enclosure just to connect the meter with the tails. Each meter shall have its own neutral tail/s.
11.6	Provision shall be made in the enclosure for a suitable cable clamp unistrut for all cables to be mechanically secured and for the earthing of the cable armouring. K-type clamps will be accepted.
BUS BAR COMPARTMENT:	
11.7	Supply and fit with a 250A (15kA) main isolator Fitted with 4 x 25mm x 6mm copper busbars secured on insulators for 3 x phases and neutral, Or Supply and fit with a 500A (15kA) main isolator fitted with 4 x 35mm x 6mm copper busbars secured on insulators for 3 x phases and neutral, or Supply and fit with a 300A (15kA) main isolator fitted with 4 x 30mm x 6mm copper busbars secured on insulators for 3 x phases and neutral. Confirmation will take place when order is being placed.
11.8	Fitted with 1 x 25mm x 6mm copper busbar secured directly on the steel structure as the earth bar.
11.9	Neutral and earth busbar to be bonded with each other with a bare 50mm <sup>2</sup> copper conductor.
11.10	Each busbar shall have enough drilled holes to avoid two connections per bolt.
11.11	Phase busbars shall be supplied from the isolator with 95mm <sup>2</sup> colour coded (Red, White, Blue) insulated copper tails (when the request is to supply enclosure fitted with an isolator)
11.12	Provision shall be made in the enclosure for a suitable cable clamp unistrut for all cables to be mechanically secured and for the earthing of the cable armouring. K-type clamps will be accepted.
11.13	Copper tinned lugs of the correct size will be crimped onto the copper conductors by a

	proper crimper designed for that purpose
11.14	All copper conductors will be secured onto the bus bars by using the correct size bolt, nut, flat and spring washers.
11.15	The Perspex cover for the busbars must cover the entire busbar and labelled LV

## 5 Price Schedule

Item	Description	Quantity	Unit Price (Excl. Vat)	Total Price (Excl. Vat)	Max Delivery Period (Weeks)
1	Pole mounted to accommodate 4 meters	4			
2	Pole mounted to accommodate 8 meters	23			
<b>Total Exc Vat</b>		<b>27</b>			

The following documents must be submitted with the quotation, failure in submitting these documents will result in a quotation being disqualified:

- Original tax clearance certificate/Pin Provided by SARS
- MBD Forms listed below ( Evaluation Criteria )
- Latest municipal account / Clearance Certificate for Water and Lights
- CSD Registration report/supplier number
- Letter of good standing

**EVALUATION CRITERIA:** 80/20 Preference point system as presented in the preferential procurement policy framework Act no 5 of 2000, for this purpose the MBD 2, MBD4, MBD 6.1 MBD 8 MBD 9 and the Clearance Certificate for Water & lights can be downloaded from our website on the following link: [www.lesedilm.gov.za/key/scm](http://www.lesedilm.gov.za/key/scm) MBD forms should be scrutinized, completed and submitted together with your quotation. All objections and complaints must be lodged within 14 days and in writing to the municipal manager's office.

**Bidders who did not submit an original or certified copy of their BBBEE Certificate will not be allocated preference points and will only be evaluated on price.**

**NB:** All bidders must ensure that they are registered on the National Treasury Central Supplier Database via the following link: [business.support@csd.gov.za](mailto:business.support@csd.gov.za). No business will be conducted with any person who is not registered on this database.

**ANY BIDDER WHO IS INTERESTED IN ATTENDING THE OPENING IS WELCOME TO DO SO**