

**MAKHADO MUNICIPALITY  
QUOTE NO. MAK000069/2011**

**QUOTATIONS: CONSTRUCTION OF MV (1KM) AND LV (1KM) LINES: DOLI-DOLI VILLAGE**

Suitable qualified service providers (responsible persons/lines construction specialist) are hereby invited to quote at mentioned above for **the construction of 1MV 3 Phase (squirrel conductor) 1LV 3Phase (70mm 3+E ABC) feeder lines** where the Municipality will provide with materials only.

**The specification is as follows:**

**1. MV LV LINE CONSTRUCTION**

| <b>1</b>     | <b>DESCRIPTION:MV<br/>3PHASE</b>   | <b>AMOUNT</b> |
|--------------|--|---------------|
| <b>1.(A)</b> | <b>CONSTRUCTION 1KM 3 PHASE MV LINE (SQUIRREL CONDUCTOR )FULLY COMPLETE,NO CLOSING PF SPAN</b>                           | <b>R.....</b> |
| <b>(B)</b>   | <b>CONSTRUCTION 1x H-SHAPE TRANSFORMER STRUCTURE ONLY.NO MOUNTING OF TRANSFORMER NEITHER TERMINATION AND NO TERMINAT</b> | <b>R.....</b> |
| <b>2.</b>    | <b>DESCRIPTION:LV<br/>3PHASE</b>   |               |
|              | <b>CONSTRUCTION 1KM 3 PHASE LV LINE WITH 70MM<sup>2</sup> ABC 3+E BIND AND NO TERMINATION OR CLOSING SPAN</b>            | <b>R.....</b> |

**N.B Items (a),(b) and 2 must be priced separately and contractors are to quote on all three items listed above.**

**All materials to be provided by the municipality excluding transport and labour.**

**Requirements:**

- **Responsible person (certified valid copy module 1-7 certificate),**
- **Certified copy of OHS Certificate,**
- **Proof of previous Mv&Lv lines construction experience with references,**
- **Proof of possession of tools,**
- **Valid Original valid Tax Clearance Certificate.**
- **Certified copy of ID**

- **Copy of company registration certificate**
- **Service providers to provide own personnel, tools, equipments and transport(Truck&Ldv).**

Quotations must be as follows:

1. be signed by an authorized person of the supplier
2. be on an original letter head of the company/enterprise
3. be valid for a period of sixty (60) days from the closing date
4. clearly indicate the price charged vat inclusive
5. be accompanied by an original valid SARS Tax Clearance Certificate.
6. be accompanied by fully completed MBD 6.1 obtainable from the municipality or can be downloaded from municipal website [www.makhado.gov.za](http://www.makhado.gov.za).

Fully priced and signed quotations must be sealed in an envelope clearly marked quote number “**MAK000068/2011**” & description “**CONSTRUCTION OF MV (1KM) AND LV (1KM) LINES: DOLI-DOLI VILLAGE**” and be deposited in the tender box at the foyer of the Civic Centre at the physical address reflected below by no later than **12H00 of 05 SEPTEMBER 2011**

Quotations received will be assessed in accordance with the Municipal Supply Chain Management Regulations, 2005 read with Council’s Supply Chain Management Policy and 80/20 points scoring will be used.

**Please Note:**

1. No quotation by facsimile or by e-mail will be accepted.
2. Enquiries in this regard must be directed to **Mr Shidzinga Jabu or Mr Matodzi Thomas** only at telephone number **015 519 3000** during office hours.
3. Council reserves the right not to accept lowest or any quotation or to accept part of a quotation only.
4. Admin enquiries can be directed to **Ms TP Ntsieni or Ms Nefolovhodwe** at **015 519 3129/3179**

Civic Centre  
83 Krogh Street  
LOUIS TRICHARDT  
0920

**AS TSHIKALANGE  
MUNICIPAL MANAGER**

**Notice no : 118/2011**

**File no : 8/3/2/1**

## DOLI-DOLI VILLAGE SPECIFICATION

### 22KV MV CONSTRUCTION SCOPE OF WORK (SQUIRREL CONDUCTOR)

| 1      | DESCRIPTION  | QUANTITY | RATE | AMOUNT |
|--------|--|----------|------|--------|
| 1.1    | EXCAVATION OF HOLES FOR POLES & STAYS<br>Excavate holes for poles and stays as per specs in the type of soil as listed below:    |          |      |        |
| 1.1(a) | 11m Poles: Excavate in soft rock   | 1        |      |        |
|        | 11m Poles: Excavate in hard rock   | 1        |      |        |
|        | 11m Poles: Excavate in very hard rock  | 1        |      |        |
| 1.1(b) | 12m Poles: Excavate in soft rock   | 1        |      |        |
|        | 12m Poles: Excavate in hard rock   | 1        |      |        |
|        | 12m Poles: Excavate in very hard rock  | 1        |      |        |
| 1.1 c  | Hole for MV stay: Excavate in soft rock  | 1        |      |        |
|        | Excavate in hard rock  | 1        |      |        |
|        | Excavate in very hard rock   | 1        |      |        |
| 1.2    | STAYS<br>Install stays insulators,stayrods,base plate, bolts and nuts(hole excavation excluded)                                  | 1        |      |        |
|        | 11m Pole conventional stay: assemble and plant   | 1        |      |        |
|        | Over head (flying) stay for 11m pole: assemble & plant.  | 1        |      |        |
| 1.3    | POLE RIGGING FOR 22KV<br>Install 3 insulators, bolts, nuts washers to complete rigging of 11m and 12m transmission wooden poles. | 1        |      |        |
|        | Install vertically staggered insulators on intermediate pole(set of 3)   | 1        |      |        |
|        | Install Strain Insulators assembly for line termination(vertical) (set of 3)   | 1        |      |        |
|        | Bond and earth MV poles as NRS specs   | 1        |      |        |
| 1.4    | CONDUCTOR STRINGING<br>String 1 span and bind (squirrel conductor).  | 1        |      |        |
| 1.5    | H-POLE TRANSFORMER STRUCTURE<br>Prepare an H-pole configuration and mount for 25KVA, 50KVA, 100KVA or 200KVA transformer.        | 1        |      |        |
|        | MOUNT TRFR:  | 1        |      |        |
|        | 25KVA  | 1        |      |        |
|        | 50KVA  | 1        |      |        |
|        | 100KVA   | 1        |      |        |
|        | 200KVA   | 1        |      |        |
|        | TRENCH FOR CROW FOOT   | 1        |      |        |
|        | SPIKE.EARTH & BACKFILL   | 1        |      |        |
|        | Install set(x3) 22kv Lighting Arrestors  | 1        |      |        |

|  |   |   |  |  |
|--|---|---|--|--|
|  | Install cross-arm & set(3) 22kv drop-out fuse | 1 |  |  |
|--|---|---|--|--|

NB: NO TERMINATION OR COMMISSING REQUIRED.

LV CONSTRUCTION SCOPE OF WORK (70mm sq. + 54.6mm sq.bare N/Support)

| 2   | DESCRIPTION   | QUANTITY | RATE | AMOUNT |
|-----|---|----------|------|--------|
| 2.1 | EXCAVATION OF HOLES & STAYS<br>Excavate holes for poles and stays as per in the type of soil as listed. |          |      |        |
|     | 7m Poles: Excavate in soft rock   | 1        |      |        |
|     | 7m Poles: Excavate in hard rock   | 1        |      |        |
|     | 7m Poles: Excavate in very hard rock  | 1        |      |        |
|     | Hole for LV stays: Excavate in soft rock  | 1        |      |        |
|     | Excavate in hard rock   | 1        |      |        |
|     | Excavate in very hard rock  | 1        |      |        |
| 2.2 | STAYS<br>Install insulators, base plate, bolts & nuts etc(hole excavation excluded)                     | 1        |      |        |
|     | Assemble and plant conventional stay for 7m pole.   | 1        |      |        |
|     | Assemble and plant overhead (flying) stay.  | 1        |      |        |
|     | Assemble and plant strut stay   | 1        |      |        |
|     | POLE RIGGING FOR ABC CABLE  | 1        |      |        |
|     | Install pig tails   | 1        |      |        |
|     | Install suspension assemble   | 1        |      |        |
|     | Install straining assemble  | 1        |      |        |
| 2.3 | AERIAL BUNDLE CONDUCTOR STRINGING(70 x3c +54.6mm)<br>String 1x Span                                     | 1        |      |        |

NB NO TERMINATION OR COMMISSING REQUIRED.