



public works  
& infrastructure  
Department:  
Public Works and Infrastructure  
REPUBLIC OF SOUTH AFRICA

## **ADDENDUM: BILLS OF QUANTITIES**

ADDENDUM TO PT24/044: 36 MONTHS TERM CONTRACT : REPAIR AND MAINTENANCE OF HIGH TENSION OR HIGH VOLTAGE INSTALLATIONS ON STATE OWNED BUILDING FOR THE DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE: PRETORIA REGION AREA 3



public works  
& infrastructure

---

Department:  
Public Works and Infrastructure  
**REPUBLIC OF SOUTH AFRICA**

## **ANNEXURE 2: CORRECTED BOQ**

[illegible]

| ITEM                  | DESCRIPTION                                                                                              | UNIT | QTY/PER YEAR | RATE   |  | YEAR 1 - AMOUNT | RATE   |  | YEAR 2 - AMOUNT | RATE   |  | YEAR 3 - AMOUNT |
|-----------------------|----------------------------------------------------------------------------------------------------------|------|--------------|--------|--|-----------------|--------|--|-----------------|--------|--|-----------------|
|                       |                                                                                                          |      |              | YEAR 1 |  |                 | YEAR 2 |  |                 | YEAR 3 |  |                 |
| TOTAL BROUGHT FORWARD |                                                                                                          |      |              |        |  |                 |        |  |                 |        |  |                 |
| 1.5                   | Medium Voltage 11 kV Switchgear in Substation                                                            |      |              |        |  |                 |        |  |                 |        |  |                 |
| 1.5.1                 | Collect information and capture on drawing as specified                                                  |      |              |        |  |                 |        |  |                 |        |  |                 |
| 1.5.2                 | Visual inspection as described in the specification                                                      | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
| 1.5.3                 | Functional inspection and services as described in the specification                                     | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
| 1.5.4                 | Inspect and collect information on protection devices(Relays) and current transformers(CT) as specified  | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
| 1.5.5                 | Perform required tests as specified                                                                      | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
| 1.5.6                 | Metering Equipment: Ammeters, Voltmeters, Trip counters and consumption meters                           | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
| 1.5.7                 | Perform tasks as specified                                                                               |      |              |        |  |                 |        |  |                 |        |  |                 |
| 1.5.7                 | Check Voltage Transformers(VT) as described in the specification                                         | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
| 1.6                   | Medium Voltage 11 kV Switchgear in Mini Substations and free standing RMU                                | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
| 1.6.1                 | Collect information and capture on drawing as specified                                                  | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
| 1.6.2                 | Visual inspection as described in the specification                                                      | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
| 1.6.3                 | Functional inspection and services as described in the specification                                     | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
| 1.7                   | Transformers: Free standing in Subs, Mini Substations and Pole mounted                                   |      |              |        |  |                 |        |  |                 |        |  |                 |
| 1.7.1                 | Collect information and capture on drawing as specified                                                  | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
| 1.7.2                 | Check, Evaluate, Report and Test as described in the specification                                       | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
| 1.7.3                 | Supply and replace silica jel in breathers for transformers from 50 KVA to 1000 KVA                      | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
| 1.7.4                 | Supply and replace silica jel breather unit with silica jel included for transformers 50 KVA to 1000 KVA | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
| 1.8                   | Battery Tripping Unit (BTU)                                                                              |      |              |        |  |                 |        |  |                 |        |  |                 |
| 1.8.1                 | Collect information and capture on drawing as specified                                                  | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
| 1.8.2                 | Evaluate, Service, Repair BTU as specified                                                               | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
| 1.8.3                 | Supply, Install and Connect 1.5 V battery cell                                                           | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
|                       |                                                                                                          |      |              |        |  |                 |        |  |                 |        |  |                 |
|                       |                                                                                                          |      |              |        |  |                 |        |  |                 |        |  |                 |
| TOTAL CARRIED FORWARD |                                                                                                          |      |              |        |  |                 |        |  |                 |        |  |                 |

| ITEM                  | DESCRIPTION                                                                                                                                                                                                                  | UNIT | QTY PER YEAR | RATE<br>YEAR 1 | YEAR 1 - AMOUNT | RATE<br>YEAR 2 | YEAR 2 - AMOUNT | RATE<br>YEAR 3 | YEAR 3 - AMOUNT |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|
| TOTAL BROUGHT FORWARD |                                                                                                                                                                                                                              |      |              |                |                 |                |                 |                |                 |
| 1.9                   | Transformer Oil (Switchgear and Transformer)<br>Quality control of oil, top-up and refill<br>transformer oil in switchgear and transformer<br>as specified                                                                   |      |              |                |                 |                |                 |                |                 |
| 1.9.1                 | Obtain oil samples from equipment and<br>arrange for test and submit results to the<br>department                                                                                                                            | ea   | 1            |                |                 |                |                 |                |                 |
| 1.9.2                 | Purification of oil on site including<br>transport and labour per litre                                                                                                                                                      | ea   | 1            |                |                 |                |                 |                |                 |
| 1.9.3                 | Supply oil on site including transport and<br>labour per litre, as and when required                                                                                                                                         | ea   | 1            |                |                 |                |                 |                |                 |
| 1.10.                 | LV Distribution boards, kiosks and mini-<br>sub LC compartment                                                                                                                                                               |      |              |                |                 |                |                 |                |                 |
| 1.10.1                | Compile layout drawing of switchgear in LV<br>compartment and DB specify functions of<br>switchgear as specified                                                                                                             |      |              |                |                 |                |                 |                |                 |
| (a)                   | LV Distribution Board                                                                                                                                                                                                        | ea   | 1            |                |                 |                |                 |                |                 |
| (b)                   | LV Kiosk                                                                                                                                                                                                                     | ea   | 1            |                |                 |                |                 |                |                 |
| (c)                   | Mini-Sub LV compartment                                                                                                                                                                                                      | ea   | 1            |                |                 |                |                 |                |                 |
| 1.10.2                | Labeling                                                                                                                                                                                                                     |      |              |                |                 |                |                 |                |                 |
| (a)                   | Verify on site as specified if all<br>equipment and switchgear is labeled and<br>legend cards available at distribution<br>boards. Supply and install labels where<br>necessary according to the department<br>specification | ea   | 1            |                |                 |                |                 |                |                 |
| (b)                   | Label with 8 x 10 mm high letters (White<br>letter on black background)                                                                                                                                                      | ea   | 1            |                |                 |                |                 |                |                 |
| (c)                   | Label with 6 x 5 mm high letters (White<br>letter on black background)                                                                                                                                                       | ea   | 1            |                |                 |                |                 |                |                 |
| 1.10.3                | Visual inspection as described in the<br>specification                                                                                                                                                                       | ea   | 1            |                |                 |                |                 |                |                 |
| 1.10.4                | Functional inspection of equipment and<br>switchgear as described in the<br>specification                                                                                                                                    | ea   | 1            |                |                 |                |                 |                |                 |
| 1.11                  | Earthing                                                                                                                                                                                                                     |      |              |                |                 |                |                 |                |                 |
| 1.11.1                | Allow for the execution of the evaluation<br>and inspection of earthing as described in<br>the specification                                                                                                                 | ea   | 1            |                |                 |                |                 |                |                 |
| 1.11.2                | Allow for testing of the earth system as<br>specified                                                                                                                                                                        | ea   | 1            |                |                 |                |                 |                |                 |
| TOTAL CARRIED FORWARD |                                                                                                                                                                                                                              |      |              |                |                 |                |                 |                |                 |

| ITEM                                         | DESCRIPTION                                                                                                              | UNIT | QTY PER YEAR | RATE   |  | YEAR 1 - AMOUNT | RATE   |  | YEAR 2 - AMOUNT | RATE   |  | YEAR 3 - AMOUNT |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------|--------------|--------|--|-----------------|--------|--|-----------------|--------|--|-----------------|
|                                              |                                                                                                                          |      |              | YEAR 1 |  |                 | YEAR 2 |  |                 | YEAR 3 |  |                 |
| <b>TOTAL BROUGHT FORWARD</b>                 |                                                                                                                          |      |              |        |  |                 |        |  |                 |        |  |                 |
| 1.12                                         | Underground cable systems                                                                                                |      |              |        |  |                 |        |  |                 |        |  |                 |
| 1.12.1                                       | Identify and evaluate cable routes and identification markers and capture information on drawing as specified            | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
| 1.12.2                                       | Execute visual inspections and report on the quality of cable terminations and protection as specified                   | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
| 1.12.3                                       | Execute in service evaluation as described in the specification                                                          | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
| 1.13                                         | <b>Overhead lines</b>                                                                                                    |      |              |        |  |                 |        |  |                 |        |  |                 |
| 1.13.1                                       | Identify and evaluate line routes and capture information on drawing as specified                                        | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
| 1.13.2                                       | Execute visual inspections and report on the quality of the line as described in the specifications                      | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
| 1.13.3                                       | Execute maintenance as described in the specification                                                                    | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
| 1.13.4                                       | Earthing                                                                                                                 |      |              |        |  |                 |        |  |                 |        |  |                 |
| (a)                                          | Allow for the execution of the evaluation of the evaluation and inspection of earthing as described in the specification | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
| (b)                                          | Allow for testing of the earth system as specified                                                                       | ea   | 1            |        |  |                 |        |  |                 |        |  |                 |
| <b>TOTAL CARRIED FORWARD TO SUMMARY PAGE</b> |                                                                                                                          |      |              |        |  |                 |        |  |                 |        |  |                 |

| ITEM                         | DESCRIPTION                                                                                                                   | UNIT | QTY PER YEAR | YEAR 1 - AMOUNT |        | YEAR 2 - AMOUNT |        | YEAR 3 - AMOUNT |        |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------|--------------|-----------------|--------|-----------------|--------|-----------------|--------|
|                              |                                                                                                                               |      |              | RATE            | YEAR 1 | RATE            | YEAR 2 | RATE            | YEAR 3 |
|                              | <b>SCHEDULE NO.2 ELECTRICAL RETICULATIONS: PREVENTATIVE MAINTENANCE: MATERIALS</b>                                            |      |              |                 |        |                 |        |                 |        |
| <b>2.</b>                    | <b>Overhead line equipment</b>                                                                                                |      |              |                 |        |                 |        |                 |        |
|                              | <b>Materials required to maintain overhead lines and replace damaged equipment</b>                                            |      |              |                 |        |                 |        |                 |        |
| 2.1.1                        | Replace drop out type fuse links                                                                                              |      |              |                 |        |                 |        |                 |        |
| (a)                          | 5 Amp                                                                                                                         | ea   | 1            |                 |        |                 |        |                 |        |
| (b)                          | 10 Amp                                                                                                                        | ea   | 1            |                 |        |                 |        |                 |        |
| (c)                          | 15 Amp                                                                                                                        | ea   | 1            |                 |        |                 |        |                 |        |
| (d)                          | 20 Amp                                                                                                                        | ea   | 1            |                 |        |                 |        |                 |        |
| 2.1.2                        | Replace 10m Galvanized Steel Pole including excavation and removal of existing damaged pole, planting of new pole and compact | ea   | 1            |                 |        |                 |        |                 |        |
| 2.1.3                        | Replace 10m Wooden Pole including excavation and removal of existing damaged pole, planting of new pole and compact           | ea   | 1            |                 |        |                 |        |                 |        |
| 2.1.4                        | Replacing of Insulators                                                                                                       |      |              |                 |        |                 |        |                 |        |
| (a)                          | 11/22 kV Pin Insulators                                                                                                       | ea   | 1            |                 |        |                 |        |                 |        |
| (b)                          | 11/22 kV Disc type strain insulators                                                                                          | ea   | 1            |                 |        |                 |        |                 |        |
| 2.1.5                        | Replacing of lightning arrestor                                                                                               |      |              |                 |        |                 |        |                 |        |
| (a)                          | 11/22 kV Lightning Arrestor                                                                                                   | ea   | 1            |                 |        |                 |        |                 |        |
| (b)                          | 400/230 V Lightning Arrestor                                                                                                  | ea   | 1            |                 |        |                 |        |                 |        |
| (c)                          | DB-LV Clip in Type                                                                                                            | ea   | 1            |                 |        |                 |        |                 |        |
| (d)                          | DB/Meter surface mounted type                                                                                                 | ea   | 1            |                 |        |                 |        |                 |        |
| 2.1.6                        | Supply and install Anchor complete excavation included                                                                        | ea   | 1            |                 |        |                 |        |                 |        |
| 2.2                          | <b>Cable:</b>                                                                                                                 |      |              |                 |        |                 |        |                 |        |
|                              | <b>Materials required to repair, replace or extend underground cable</b>                                                      |      |              |                 |        |                 |        |                 |        |
| 2.2.1                        | Supply and install and joint or terminate the PILC 6.6/11 kV cable                                                            |      |              |                 |        |                 |        |                 |        |
| <b>TOTAL CARRIED FORWARD</b> |                                                                                                                               |      |              |                 |        |                 |        |                 |        |

| ITEM                         | DESCRIPTION                                                                                 | UNIT | QTY PER YEAR | YEAR 1 |        | YEAR 1 - AMOUNT | YEAR 2 |        | YEAR 2 - AMOUNT | RATE |        |
|------------------------------|---------------------------------------------------------------------------------------------|------|--------------|--------|--------|-----------------|--------|--------|-----------------|------|--------|
|                              |                                                                                             |      |              | RATE   | YEAR 1 |                 | RATE   | YEAR 2 |                 | RATE | YEAR 3 |
| <b>TOTAL BROUGHT FORWARD</b> |                                                                                             |      |              |        |        |                 |        |        |                 |      |        |
| (a)                          | 120m <sup>2</sup> x 3 Core                                                                  | m    | 1            |        |        |                 |        |        |                 |      |        |
| (b)                          | 95m <sup>2</sup> x 3 Core                                                                   | m    | 1            |        |        |                 |        |        |                 |      |        |
| (c)                          | 70m <sup>2</sup> x 3 Core                                                                   | m    | 1            |        |        |                 |        |        |                 |      |        |
| 2.2.2                        | Supply & install cable joint similar to Raytech Heat Shrink Type for following cables       |      |              |        |        |                 |        |        |                 |      |        |
| (a)                          | 120m <sup>2</sup> x 3 Core 11 kV                                                            | ea   | 1            |        |        |                 |        |        |                 |      |        |
| (b)                          | 95m <sup>2</sup> x 3 Core 11 kV                                                             | ea   | 1            |        |        |                 |        |        |                 |      |        |
| (c)                          | 70m <sup>2</sup> x 3 Core 11 kV                                                             | ea   | 1            |        |        |                 |        |        |                 |      |        |
| 2.2.3                        | Supply & install cable termination similar to Raytech Heat Shrink Type for following cables |      |              |        |        |                 |        |        |                 |      |        |
| (a)                          | 120m <sup>2</sup> x 3 Core 11 kV                                                            | ea   | 1            |        |        |                 |        |        |                 |      |        |
| (b)                          | 95m <sup>2</sup> x 3 Core 11 kV                                                             | ea   | 1            |        |        |                 |        |        |                 |      |        |
| (c)                          | 70m <sup>2</sup> x 3 Core 11 kV                                                             | ea   | 1            |        |        |                 |        |        |                 |      |        |
| 2.2.4                        | Supply and install and joint or terminate the following PVC 600/1000 V Cable                |      |              |        |        |                 |        |        |                 |      |        |
| (a)                          | 120m <sup>2</sup> x 4 Core                                                                  | ea   | 1            |        |        |                 |        |        |                 |      |        |
| (b)                          | 95m <sup>2</sup> x 4 Core                                                                   | ea   | 1            |        |        |                 |        |        |                 |      |        |
| (c)                          | 70m <sup>2</sup> x 4 Core                                                                   | ea   | 1            |        |        |                 |        |        |                 |      |        |
| (d)                          | 50m <sup>2</sup> x 4 Core                                                                   | ea   | 1            |        |        |                 |        |        |                 |      |        |
| (e)                          | 35m <sup>2</sup> x 4 Core                                                                   | ea   | 1            |        |        |                 |        |        |                 |      |        |
| (f)                          | 25m <sup>2</sup> x 4 Core                                                                   | ea   | 1            |        |        |                 |        |        |                 |      |        |
| (g)                          | 16m <sup>2</sup> x 4 Core                                                                   | ea   | 1            |        |        |                 |        |        |                 |      |        |
| (h)                          | 16m <sup>2</sup> x 3 Core                                                                   | ea   | 1            |        |        |                 |        |        |                 |      |        |
| (i)                          | 10m <sup>2</sup> x 4 Core                                                                   | ea   | 1            |        |        |                 |        |        |                 |      |        |
| 2.2.5                        | Supply & install cable joint similar to Raytech Heat Shrink Type for following cables       |      |              |        |        |                 |        |        |                 |      |        |
| (a)                          | 120m <sup>2</sup> x 4 Core                                                                  | ea   | 1            |        |        |                 |        |        |                 |      |        |
| (b)                          | 95m <sup>2</sup> x 4 Core                                                                   | ea   | 1            |        |        |                 |        |        |                 |      |        |
| (c)                          | 70m <sup>2</sup> x 4 Core                                                                   | ea   | 1            |        |        |                 |        |        |                 |      |        |
| (d)                          | 50m <sup>2</sup> x 4 Core                                                                   | ea   | 1            |        |        |                 |        |        |                 |      |        |
| (e)                          | 35m <sup>2</sup> x 4 Core                                                                   | ea   | 1            |        |        |                 |        |        |                 |      |        |
| (f)                          | 25m <sup>2</sup> x 4 Core                                                                   | ea   | 1            |        |        |                 |        |        |                 |      |        |
| (g)                          | 16m <sup>2</sup> x 4 Core                                                                   | ea   | 1            |        |        |                 |        |        |                 |      |        |
| (h)                          | 16m <sup>2</sup> x 3 Core                                                                   | ea   | 1            |        |        |                 |        |        |                 |      |        |
| (i)                          | 10m <sup>2</sup> x 4 Core                                                                   | ea   | 1            |        |        |                 |        |        |                 |      |        |
| <b>TOTAL CARRIED FORWARD</b> |                                                                                             |      |              |        |        |                 |        |        |                 |      |        |

| ITEM                                      | DESCRIPTION                                                                                                     | UNIT           | QTY PER YEAR | RATE<br>YEAR 1 | YEAR 1 - AMOUNT | RATE<br>YEAR 2 | YEAR 2 - AMOUNT | RATE<br>YEAR 3 | YEAR 3 - AMOUNT |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------|--------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|
| TOTAL BROUGHT FORWARD                     |                                                                                                                 |                |              |                |                 |                |                 |                |                 |
| 2.2.6                                     | Supply, install and connect bare copper earth conductor with ferrul or lug included for the following sizes     |                |              |                |                 |                |                 |                |                 |
| (a)                                       | 120m <sup>2</sup> Bare Copper                                                                                   | ea             | 1            |                |                 |                |                 |                |                 |
| (b)                                       | 95m <sup>2</sup> Bare Copper                                                                                    | ea             | 1            |                |                 |                |                 |                |                 |
| (c)                                       | 70m <sup>2</sup> Bare Copper                                                                                    | ea             | 1            |                |                 |                |                 |                |                 |
|                                           |                                                                                                                 |                |              |                |                 |                |                 |                |                 |
| (d)                                       | 50m <sup>2</sup> Bare Copper                                                                                    | ea             | 1            |                |                 |                |                 |                |                 |
| (e)                                       | 35m <sup>2</sup> Bare Copper                                                                                    | ea             | 1            |                |                 |                |                 |                |                 |
| (f)                                       | 25m <sup>2</sup> Bare Copper                                                                                    | ea             | 1            |                |                 |                |                 |                |                 |
| (g)                                       | 16m <sup>2</sup> Bare Copper                                                                                    | ea             | 1            |                |                 |                |                 |                |                 |
| (h)                                       | 16m <sup>2</sup> Bare Copper                                                                                    | ea             | 1            |                |                 |                |                 |                |                 |
| (i)                                       | 10m <sup>2</sup> Bare Copper                                                                                    | ea             | 1            |                |                 |                |                 |                |                 |
| 2.2.7                                     | Allow for excavation and back filling for underground cables and joint holes in the following ground conditions |                |              |                |                 |                |                 |                |                 |
| (a)                                       | Pickable Material                                                                                               | m <sup>3</sup> | 1            |                |                 |                |                 |                |                 |
| (b)                                       | Hard Material (Power Tools Required)                                                                            | m <sup>3</sup> | 1            |                |                 |                |                 |                |                 |
| (c)                                       | Hard Rock (Blasting)                                                                                            | m <sup>3</sup> | 1            |                |                 |                |                 |                |                 |
| 2.2.8                                     | Supply, install, fit and connect ammeter or voltmeter in Distribution Board, Kiosk and Mini Sub LV compartment  |                |              |                |                 |                |                 |                |                 |
| (a)                                       | 96 x 96mm Maximum Demand CT Operated                                                                            | ea             | 1            |                |                 |                |                 |                |                 |
| (b)                                       | 96 x 96mm Instantaneous Type CT Operated                                                                        | ea             | 1            |                |                 |                |                 |                |                 |
| (c)                                       | 96 x 96mm 0 to 400 V Scale Voltmeter                                                                            | ea             | 1            |                |                 |                |                 |                |                 |
| (d)                                       | Selector Switch 6 Position + Off                                                                                | ea             | 1            |                |                 |                |                 |                |                 |
| (e)                                       | HRC 5 Amp Fuse cartridges                                                                                       | ea             | 1            |                |                 |                |                 |                |                 |
|                                           |                                                                                                                 |                |              |                |                 |                |                 |                |                 |
| 2.3.                                      | Transformers:                                                                                                   |                |              |                |                 |                |                 |                |                 |
| 2.3.1                                     | Transformer Repairs:                                                                                            |                |              |                |                 |                |                 |                |                 |
|                                           | Repair the following according to the Departments standards including Oil Etc.                                  |                |              |                |                 |                |                 |                |                 |
| (a)                                       | Replace Tap changer                                                                                             | ea             | 1            |                |                 |                |                 |                |                 |
| (b)                                       | Replace Transformer Top Gasket                                                                                  | ea             | 1            |                |                 |                |                 |                |                 |
| (c)                                       | Replace LT Insulator Gasket(4) including Cone                                                                   | ea             | 1            |                |                 |                |                 |                |                 |
| (d)                                       | Replace HT Insulator Gasket(3) including Cone                                                                   | ea             | 1            |                |                 |                |                 |                |                 |
| (e)                                       | Repair of Minor leaks(Tigtning or Tap seal)                                                                     | ea             | 1            |                |                 |                |                 |                |                 |
| TOTAL CARRIED FORWARD TO THE SUMMARY PAGE |                                                                                                                 |                |              |                |                 |                |                 |                |                 |

[illegible]

[illegible]

| SCHEDULE NO 4: SUMMARY                                                     |                                                                                    |                 |                 |                 |                   |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------|-----------------|-----------------|-------------------|
| ITEM                                                                       | DESCRIPTION                                                                        | YEAR 1 - AMOUNT | YEAR 2 - AMOUNT | YEAR 3 - AMOUNT | TOTAL FOR 3 YEARS |
| 1                                                                          | SCHEDULE NO 1<br>ELECTRICAL RETICULATIONS: PREVENTATIVE MAINTENANCE                |                 |                 |                 |                   |
| 2                                                                          | SCHEDULE NO 2:<br>ELECTRICAL RETICULATIONS: PREVENTATIVE MAINTENANCE: MATERIALS    |                 |                 |                 |                   |
| 3                                                                          | SCHEDULE NO. 3<br>ELECTRICAL RETICULATIONS: STANDBY LABOUR AND MAINTENANCE SUPPORT |                 |                 |                 |                   |
|                                                                            |                                                                                    |                 |                 |                 |                   |
|                                                                            |                                                                                    |                 |                 |                 |                   |
|                                                                            |                                                                                    |                 |                 |                 |                   |
|                                                                            |                                                                                    |                 |                 |                 |                   |
|                                                                            |                                                                                    |                 |                 |                 |                   |
|                                                                            | SUB TOTAL                                                                          |                 |                 |                 |                   |
|                                                                            | VAT AT 15%                                                                         |                 |                 |                 |                   |
|                                                                            |                                                                                    |                 |                 |                 |                   |
| <b>TOTAL PRICE (CARRIED FORWARD TO THE "FORM OF OFFER AND ACCEPTANCE")</b> |                                                                                    |                 |                 |                 |                   |