

SUPPLY, INSTALL, TEST AND COMMISSION CABLES FOR NEW STANDBY GENERATOR FOR BARRAGE BRIDGE AND WATER TREATMENT PLANT  
 SUPPLY, INSTALL, TEST AND COMMISSION 4X MAST LIGHTS AT RAND WATER BARRAGE WATER TREATMENT PLANT  
 SUPPLY DIFFERENT LED LIGHTS FOR RAND WATER BARRAGE, BRAKPAN AND LIBANON DISTRICTS

**SCHEDULE 1: NEW 400V GENERATOR CABLE INSTALLATION**

| ITEM NO.                        | PAYMENT REF. | ITEM DESCRIPTION                                                                                                                                                                               | UNIT   | QTY | RATE (R) | AMOUNT(R) |
|---------------------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----|----------|-----------|
| 1                               |              | CABLE INSTALLATION FOR NEW 400V STANDBY GENERATOR                                                                                                                                              |        |     |          |           |
| 1.1                             |              | Supply, install, test and commission (on the new 400V standby generator) ±20M x 70sqmm x 4core XLPE cable to supply the bridge and water treatment plant.                                      | Meters | 20  |          |           |
| 1.2                             |              | Hand dig about ±5m x 500mm x 300mm trench to lay the cable and earth cable above (Sleeve to be provided by Rand Water)                                                                         | Meters | 5   |          |           |
| 1.3                             |              | Connect the cable and earth on the new 400V standby generator and the MCC                                                                                                                      | Meters | 20  |          |           |
| 1.4                             |              | Supply, install, test and commission ±7m x 4 x 95sqmm SINGLE core FLEXIBLE CABLES to connect from ESKOM side MAINS cable to Mitsubishi breaker supplying the bridge and water treatment plant. | Meters | 7   |          |           |
| 1.5                             |              | Test, commission and issue COC for the installation                                                                                                                                            |        | 1   |          |           |
| TOTAL AMOUNT, Excluding 15% VAT |              |                                                                                                                                                                                                |        |     |          |           |

**SCHEDULE 2: HIGH MAST INSTALLATIONS FOR BARRAGE WATER TREATMENT PLANT**

| ITEM NO.                 | PAYMENT REF. | ITEM DESCRIPTION                                                                                                                                                                            | UNIT   | QTY | RATE (R) | AMOUNT(R) |
|--------------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----|----------|-----------|
| 2.1                      |              | Supply, install, test and commission 4 x 20M HIGH MAST POLES LIGHTS (Each pole with 8 x 400W/500W LED fittings) FOR BARRAGE water treatment. plant. (Free State Area and Sewage plant area) | Units  | 4   |          |           |
| 2.2                      |              | Build 4 x slabs/ foundation/plinth to mount 4 x 20M MAST LIGHT POLES- using 35 MPa concrete mix.                                                                                            | Slabs  | 4   |          |           |
| 2.3                      |              | Supply Holding down bolts and nuts must be installed in accordance with manufacturer' s recommendations                                                                                     | Bolts  | 16  |          |           |
| 2.4                      |              | Total cable to be used for all High mast installation is ±500m x 16sqmm x 4core plus 10sqmm earth cable                                                                                     | Meters | 500 |          |           |
| 2.5                      |              | Total Earth cable to be used for all High mast installation is ±500m x 10sqmm                                                                                                               | Meters | 500 |          |           |
| 2.6                      |              | High mast lights to be controlled with a day/ night switch                                                                                                                                  | Each   | 4   |          |           |
| 2.7                      |              | Provide control circuit each High Mast lights                                                                                                                                               | Each   | 4   |          |           |
| 2.8                      |              | Test, commission and issue COC for the installation                                                                                                                                         | Each   | 4   |          |           |
| TOTAL, Excluding 15% VAT |              |                                                                                                                                                                                             |        |     |          |           |

**SCHEDULE 3: SUPPLY AND DELIVERY OF LED LIGHTS**

| ITEM NO.                 | PAYMENT REF. | ITEM DESCRIPTION                                                             | UNIT   | QTY | RATE (R) | AMOUNT(R) |
|--------------------------|--------------|------------------------------------------------------------------------------|--------|-----|----------|-----------|
| 3.1                      |              | Supply and deliver 100 x 100W LED light fittings for BARRAGE BRIDGE          | Units  | 100 |          |           |
| 3.2                      |              | Supply and deliver 30 x 400W LED light fittings for BRAKPAN                  | Units  | 30  |          |           |
| 3.3                      |              | Supply and deliver 40 x 400W LED Light fittings for LIBANON                  | Units  | 40  |          |           |
| 3.4                      |              | Supply and deliver 40 x 400W LED Light fittings for CENTRAL DEPOT            | Units  | 40  |          |           |
| 3.5                      |              | Supply and deliver 4x10Mx95sqmm flexible cables for AMZ emergency generators | Meters | 40  |          |           |
| TOTAL, Excluding 15% VAT |              |                                                                              |        |     |          |           |

**SUMMARY OF SCHEDULES**

| ITEM DESCRIPTION | Amount |
|------------------|--------|
| Schedule 1       | R      |
| Schedule 2       | R      |
| Schedule 3       | R      |
| TOTAL, Excl. VAT | R      |
| VAT (15%)        | R      |
| TOTAL, Incl. VAT | R      |