



public works

Department:  
Public Works  
REPUBLIC OF SOUTH AFRICA

## ANNEXTURE A

### STANDBY GENERATOR

SCHEDULED MAINTENANCE CONTRACT FOR 12 MONTHS 2022/2023-  
BUSHBUCKRIDGE & THABA CHWEU MUNICIPALITIES

#### BILL OF QUANTITIES

| ITEM      | DESCRIPTION   | UNIT | QUANTITY | RATE       | AMOUNT (R)  |
|-----------|---|------|----------|------------|-------------|
| <b>1.</b> | <b>Maintenance and servicing of Generators</b>                    |      |          |            |             |
| 1.1       | Provision for EPWP beneficiary                                    | Each | 1        |            | R 49 000.00 |
| 1.2       | Major Service (11 generators x 4 services)                        | Each | 44       |            | R           |
| 1.3       | Safety file   | Each | 1        |            | R           |
| 1.4       | Replace Battery - 24V   | Each | 34       |            | R           |
|           | NB: Price must include labour, transport and mark-up on material. |      |          |            |             |
|           | <b>SUB-TOTAL</b>  |      |          |            | <b>R</b>    |
|           | <b>VAT</b>  |      |          | <b>15%</b> | <b>R</b>    |
|           | <b>TOTAL</b>  |      |          |            | <b>R</b>    |
|           | <i><b>CARRIED OVER TO<br/>ANNETURE B</b></i>                      |      |          |            |             |



## ANNEXTURE B STANDBY GENERATOR

### UNSCHEDULED MAINTENANCE CONTRACT FOR 12 MONTHS 2022-2023- BUSHBUCKRIDGE & THABA CHWEU MUNICIPALITIES

#### BILL OF QUANTITIES

| ITEM      | DESCRIPTION   | UNIT | QUANTITY | RATE       | AMOUNT (R)   |
|-----------|---|------|----------|------------|--------------|
| <b>1.</b> | <b>Materials and equipment</b>                                      |      |          |            |              |
| 1.1       | Provide for non-scheduled items                                     |      |          |            | R 100 000.00 |
| 1.2       | Contactor 125A, 400V complete.                                      | each | 8        |            | R            |
| 1.3       | Contactor 215A, 400V complete                                       | each | 8        |            | R            |
| 1.4       | Automatic voltage regulator   | each | 4        |            | R            |
| 1.5       | Fuel level sensor   | each | 8        |            | R            |
| 1.6       | Fuel gauge  | each | 6        |            | R            |
| 1.7       | Controller  | each | 4        |            | R            |
| 1.8       | 1.5mm panel wire  | m    | 100      |            | R            |
| 1.9       | Oil level sensor  | each | 5        |            | R            |
| 1.10      | Battery charger   | each | 5        |            | R            |
| 1.11      | Changeover switch   | each | 4        |            | R            |
|           | NB: The rate must include labour, transport and mark-up on material |      |          |            |              |
|           | <b>SUB-TOTAL</b>  |      |          |            | R            |
|           | <b>VAT</b>  |      |          | <b>15%</b> | R            |
|           | <b>TOTAL</b>  |      |          |            | R            |
| <b>2.</b> | <b>ANNEXTURE A</b>  |      |          |            | R            |
|           | <b>GRAND-TOTAL</b>  |      |          |            | R            |



NELSPRUIT REGIONAL OFFICE

**STANDBY GENERATOR MAINTENANCE**

| Item     | Description   | Task                      | Unit  | Quantity | Rate     | Amount |
|----------|---|---------------------------|-------|----------|----------|--------|
| <b>1</b> | <b>MAJOR SERVICE</b><br>Min. duration: 6 hours  |                           |       |          |          |        |
|          | <b>Generator room – inside/outside</b><br>Floor, Walls, Windows and Door  | Wash, Clean<br>and Polish | Item  | 1        |          |        |
|          | <b>Generator set</b>  | Wash and<br>Clean         | Item  | 1        |          |        |
|          | <b>Check for water in fuel system</b><br>(If found drain, clean fuel tank<br>and refill with clean un-used<br>diesel. NB diesel supplied by<br>Client Department) | Replace                   | Item  | 1        |          |        |
|          | <b>Engine air filter</b>  | Replace                   | Each  | 1        |          |        |
|          | <b>Engine oil</b>   | Replace                   | Litre | 25       |          |        |
|          | <b>Drive belts, Fan coupling<br/>device for tension</b>   | Replace                   | Item  | 1        |          |        |
|          | <b>Heat plugs</b>   | Replace                   | Each  | 6        |          |        |
|          | <b>Automatic Start and Transfer<br/>switch (Not main change over<br/>switch)</b>  | Replace                   | Each  | 1        |          |        |
|          | <b>Start and run for two hours at a<br/>capacity of 100% of nameplate<br/>rating</b>  | Test                      | Hr.   | 2        |          |        |
|          | <b>Check for leaks, connections<br/>and components</b>  | Inspection                | Item  | 1        |          |        |
|          | <b>Consumables</b><br>(Cable ties, Clamps, Insulation<br>tape, Duct tape, Electrical<br>cleaning agent, etc.)   | Supply                    | Item  | 1        |          |        |
|          | <b>TOTAL</b>  |                           |       |          | <b>R</b> |        |



# LIST OF INSTITUTIONS BUSHBUCKRIDGE & THABA CHWEU MUNICIPALITIES

| INSTITUTION    | CLIENT<br>DEPARTMENT | CONTACT | MUNICIPALITY  |
|----------------|----------------------|---------|---------------|
|                |                      |         |               |
| ACORNHOEK      | SAPS                 |         | BUSHBUCKRIDGE |
| MKHUHLU        | SAPS                 |         | BUSHBUCKRIDGE |
| MHALA          | SAPS                 |         | BUSHBUCKRIDGE |
| SKUKUZA        | SANDF                |         | BUSHBUCKRIDGE |
| DIENTJIE       | SAPS                 |         | THABA CHWEU   |
| LYDENBURG      | DCS                  |         | THABA CHWEU   |
| MAARTENSHOOP   | SAPS                 |         | THABA CHWEU   |
| GRASKOP        | SAPS                 |         | THABA CHWEU   |
| BUSHBUCKRIDGE  | SAPS                 |         | BUSHBUCKRIDGE |
| LYDENBURG      | DHA                  |         | THABA CHWEU   |
| PILGRIM'S REST | SAPS                 |         | THABA CHWEU   |
|                |                      |         |               |