

| Item         | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Unit           | Qty  | Rate | Amount     |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------|------|------------|
| <b>1</b>     | <b>SECTION A: SLUICEWAYS, COAL CHUTES, TRIPPER CARS AND CHUTE REPAIRS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |      |      | <b>R -</b> |
|              | <b>BILL OF QUANTITIES</b><br><b>PREAMBLE</b><br><b>Currency</b><br>All pricing and amounts to be in the currency of South African Rands (ZAR)<br>All individual amounts in these bills of quantities exclude Value Added Tax (VAT). VAT is to be calculated as a lump sum and added to the total of all values in the Final Summary under the item provided for VAT.<br>A detailed and / or itemised breakdown of the P&G's items will be requested only from the successful bidders for vetting by the employer.<br><b>RATES</b><br>The tenderer is advised that any rate that is required for work must include the following breakdown<br>Material, labour, plant, wastage, transport and profit.<br><b>SPECIFICATION DOCUMENT</b><br>The Contractor is referred to the Specification Document for the full details of the scope and they are urged to read this document prior to pricing this work.<br><b>SCOPE OF WORKS</b><br>The scope of works encompasses the |                |      |      |            |
| <b>1.1</b>   | <b>PRELIMINARIES AND GENERAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |      |      | <b>R -</b> |
| <b>1.1.1</b> | <b>Fixed-Charge Items</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |      |      |            |
| 1.1.1.1      | Health and Safety File Compilation & Client Submission                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Once-Off       | 1    |      | R -        |
| 1.1.1.2      | Personal Protective Equipment (PPE) - Initial Issue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yearly         | 3    |      | R -        |
| 1.1.1.3      | Occupational Medical Surveillance Exam - Entry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Yearly         | 1    |      | R -        |
| 1.1.1.4      | Occupational Medical Surveillance Exam - Periodical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yearly         | 1    |      | R -        |
| 1.1.1.5      | Occupational Medical Surveillance Exam - Exit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Yearly         | 1    |      | R -        |
| 1.1.1.6      | Police Clearance Certificates & Background Verifications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Yearly         | 3    |      | R -        |
| 1.1.1.7      | Site Establishment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Once-Off       | 1    |      | R -        |
| 1.1.1.8      | Tools and Equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Sum            | 1    |      | R -        |
| <b>1.1.2</b> | <b>Time Related Items</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |      |      |            |
| 1.1.2.1      | Office Container Rental & Utility Provisioning (6m)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Monthly        | 36   |      | R -        |
| 1.1.2.2      | Storeroom Container Rental (Epoxies / Material Storage) (6m)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Monthly        | 36   |      | R -        |
| 1.1.2.3      | Kitchen Container Facilities Provisioning 6m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Monthly        | 36   |      | R -        |
| 1.1.2.4      | Toilet Container Rental & Servicing - Unit 1 ( Male & Female) 6m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Monthly        | 36   |      | R -        |
| 1.1.2.6      | Site Transport Logistics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Daily          | 500  |      | R -        |
| 1.1.2.7      | Accommodation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Daily          | 360  |      | R -        |
| <b>1.1.3</b> | <b>De-Establishment Items</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |      |      |            |
| 1.1.3.1      | Site De-establishment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Sum            | 1    |      | R -        |
| <b>1.2</b>   | <b>LABOUR - COAL CHUTE REPAIRS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |      |      | <b>R -</b> |
| <b>1.2.1</b> | <b>Normal Working Hours: As And When</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |      |      |            |
| 1.2.1.1      | Supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Hours          | 1500 |      | R -        |
| 1.2.1.2      | Boilermaker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Hours          | 1500 |      | R -        |
| 1.2.1.3      | Welder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Hours          | 1500 |      | R -        |
| 1.2.1.4      | Assistant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Hours          | 1500 |      | R -        |
| <b>1.2.2</b> | <b>Waiting Period For The Team Due To Permits</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |      |      |            |
| 1.2.2.1      | Waiting period for the team's standing time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Hours          | 360  |      | R -        |
| <b>1.3</b>   | <b>SUPPLY AND INSTALLATION OF TILES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |      |      | <b>R -</b> |
|              | <b>Note:</b> Each rate must encompass the full cost build-up for a final, completed installation, explicitly including: the procurement and delivery to Camden Power Station of all ceramic tiles, specialized high-temperature epoxies, and weld-inserts; an absolute allowance for material cutting waste and breakages; all direct and indirect costs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |      |      |            |
| 1.1.3.1.     | 6 mm thick plain tiles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | m <sup>2</sup> | 120  |      | R -        |
| 1.1.3.2      | 12mm thick plain tiles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | m <sup>2</sup> | 220  |      | R -        |
| 1.1.3.3      | 12.5 mm thick weld on tiles: on a flat surfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | m <sup>2</sup> | 50   |      | R -        |
| 1.1.3.4      | 12mm thick weld tiles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | m <sup>2</sup> | 120  |      | R -        |
| 1.1.3.5      | Pre - engineered 12 mm thick plain tiles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | m <sup>2</sup> | 50   |      | R -        |
| 1.1.3.6      | 25mm thick weld tiles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | m <sup>2</sup> | 120  |      | R -        |

| <u>Item</u> | <u>Description</u>                                              | <u>Unit</u>    | <u>Qty</u> | <u>Rate</u> | <u>Amount</u> |
|-------------|-----------------------------------------------------------------|----------------|------------|-------------|---------------|
| 2           | SECTION B: BOILER MAINTENANCE: MILLS, BURNER SCROLLS & PF PIPES |                |            |             | R -           |
| 2.1         |                                                                 |                |            |             | R -           |
| 2.1.1       | 6 mm thick plain tiles                                          | m <sup>2</sup> | 258.8      |             | R -           |
| 2.2.2       | 12 mm thick plain tiles                                         | m <sup>2</sup> | 823.1      |             | R -           |
|             |                                                                 |                |            |             | R -           |