

**HESSEQUA MUNICIPALITY**

**HES-COM 02/2526**

**UPGRADING OF THE THUSONG CENTRE BRAAI AREA IN RIVERSDALE**

|                                    |
|------------------------------------|
| <b>PART C2: BILL OF QUANTITIES</b> |
|------------------------------------|

**C2.1 Bill of Quantities**

**SECTION A: PRELIMINARY AND GENERAL**

| ITEM NO   | PAYMENT    | DESCRIPTION                                                                                                                      | UNIT | QTY | RATE | AMOUNT (R.c) (Vat Excl.) |
|-----------|------------|----------------------------------------------------------------------------------------------------------------------------------|------|-----|------|--------------------------|
| A         | SABS 1200A | <b>PRELIMINARY AND GENERAL</b>                                                                                                   |      |     |      |                          |
| A.1       | 8.3        | <b>FIXED-CHARGE ITEMS</b>                                                                                                        |      |     |      |                          |
| A.1.1     | 8.3.1      | Contractual requirements                                                                                                         | Sum  | 1   |      |                          |
| A.1.2     | 8.3.3      | Other fixed-charge obligations (Specify)_____                                                                                    | Sum  | 1   |      |                          |
| A.2       | 8.4        | <b>TIME-RELATED ITEMS</b>                                                                                                        |      |     |      |                          |
| A.2.1     | 8.4.1      | Contractual requirements                                                                                                         | Sum  | 1   |      |                          |
| A.2.2     | 8.4.2      | Operation and maintenance of facilities on site for duration of construction                                                     |      |     |      |                          |
| A.2.2.1   | 8.4.2.2    | Facilities for Contractor                                                                                                        |      |     |      |                          |
| A.2.2.1.1 |            | Offices and storage sheds                                                                                                        | Sum  | 1   |      |                          |
| A.2.2.1.2 | 8.4.3      | Supervision for duration of construction                                                                                         | Sum  | 1   |      |                          |
| A.3       | PS A 8.9   | <b>OCCUPATIONAL HEALTH AND SAFETY MEASURES</b>                                                                                   |      |     |      |                          |
| A.3.1     | 8.9.2      | Compilation and maintenance of a Health and Safety Plan, including Risk Assessments, Safe Work Procedures and Method Statements. | Sum  | 1   |      |                          |
| A.3.2     | 8.9.3      | Compilation and maintenance of the Health and Safety File.                                                                       | Sum  | 1   |      |                          |

|                                         |  |                            |     |   |  |  |
|-----------------------------------------|--|----------------------------|-----|---|--|--|
| A.3.3                                   |  | General safety obligations | Sum | 1 |  |  |
| <b>TOTAL CARRIED FORWARD TO SUMMARY</b> |  |                            |     |   |  |  |

#### **SECTION B: SITE CLEARANCE**

| ITEM NO                                 | PAYMENT    | DESCRIPTION                                                              | UNIT           | QTY | RATE | AMOUNT (R.c)<br>(Vat Excl.) |
|-----------------------------------------|------------|--------------------------------------------------------------------------|----------------|-----|------|-----------------------------|
| B.1                                     | SANS 1200C | <b><u>SITE CLEARANCE</u></b>                                             |                |     |      |                             |
| B.1.1                                   | 8.2.8      | <b>Demolish and remove structures/buildings and dismantle steelwork:</b> |                |     |      |                             |
| B.1.1.1                                 |            | Breaking up and removing mass concrete                                   |                |     |      |                             |
| B.1.1.1.1                               |            | (a) Break up and remove mass concrete in steps                           | m <sup>3</sup> | 2.4 |      |                             |
| B.1.1.1.2                               |            | (b) Remove built-in braai complete with chimney                          | m <sup>3</sup> | 10  |      |                             |
| B.1.1.1.3                               |            | (c) Demolish existing ramps                                              | m <sup>3</sup> | 5   |      |                             |
| B.1.1.1.4                               |            | (d) Demolish existing staircase                                          | m <sup>3</sup> | 3.3 |      |                             |
| B.1.1.2                                 |            | Paving Bricks                                                            |                |     |      |                             |
| B.1.1.2.1                               |            | Remove existing paving bricks                                            | m <sup>2</sup> | 65  |      |                             |
| <b>TOTAL CARRIED FORWARD TO SUMMARY</b> |            |                                                                          |                |     |      |                             |

#### **SECTION C: ALTERATIONS**

| ITEM NO | PAYMENT | DESCRIPTION                  | UNIT           | QTY | RATE | AMOUNT (R.c)<br>(Vat Excl.) |
|---------|---------|------------------------------|----------------|-----|------|-----------------------------|
| C.1     |         | <b><u>WAITING AREA</u></b>   |                |     |      |                             |
| C.1.1   |         | <b>FOUNDATION</b>            |                |     |      |                             |
| C.1.1.1 |         | 600 x 300mm strip foundation | m <sup>3</sup> | 2   |      |                             |
| C.1.2   |         | <b>FLOOR</b>                 |                |     |      |                             |

|           |                                                                                                                      |     |      |  |  |
|-----------|----------------------------------------------------------------------------------------------------------------------|-----|------|--|--|
| C.1.2.1   | New 85mm thick concrete surface bed complete with 100 reinforcing mesh on 375mm DPC on compacted gravel filling.     | m³  | 6    |  |  |
| C.1.3     | <b>BRICKWORK</b><br>- Brickwork of NFP bricks in class III mortar                                                    |     |      |  |  |
| C.1.3.1   | - (a) 280mm Cavity walls                                                                                             | m²  | 50   |  |  |
| C.1.4     | <b>WINDOWS</b><br>- Supply and install windows as per schedule W1, W2, W3:                                           |     |      |  |  |
| C.1.4.1.1 | - Window W1                                                                                                          | No. | 4    |  |  |
| C.1.4.1.2 | Window W2                                                                                                            | No. | 1    |  |  |
| C.1.4.1.3 | Window W3                                                                                                            | No. | 1    |  |  |
| C.1.4.2   | Remove windows and create openings and fill openings with brickwork to match existing.                               | m²  | 1.8  |  |  |
| C.1.5     | <b>DOORS</b><br>- Supply and install doors as per schedule W4:                                                       |     |      |  |  |
| C.1.5.1.1 | Create opening in wall in position as indicated and build in new double door according to schedule and make good W4. | No. | 2    |  |  |
| C.1.5.2   | Remove door and frame and fill opening with brickwork and make good.                                                 | m²  | 3.78 |  |  |
| C.2       | <b><u>OFFICE SPACE</u></b><br><b>WINDOWS</b><br>- Supply and install windows as per schedule W1, W2, W3:             |     |      |  |  |
| C.2.1     |                                                                                                                      |     |      |  |  |
| C.2.1.1   | - Window W1                                                                                                          | No. | 2    |  |  |
| C.2.1.2   | Remove window and fill opening with brickwork and make good.                                                         | m²  | 1.5  |  |  |
| C.2.2     | <b>DOORS</b><br>- Supply and install doors as per schedule W4:                                                       |     |      |  |  |
| C.2.2.1   |                                                                                                                      |     |      |  |  |

|           |                                                                                                                                  |     |     |  |  |
|-----------|----------------------------------------------------------------------------------------------------------------------------------|-----|-----|--|--|
| C.2.2.1.1 | Door W4                                                                                                                          | No. | 1   |  |  |
| C.2.2.2   | Create opening in wall in position as indicated and build in new lintels and double door according to schedule and make good W4. | No. | 1   |  |  |
| C.2.2.3   | New 220mm walls on surface bed complete with lintels over and 75mm screed.                                                       | m2  | 10  |  |  |
| C.2.2.4   | Supply and install doors:                                                                                                        |     |     |  |  |
| C.2.2.4.1 | Internal doors 2032 x 813mm                                                                                                      | No. | 2   |  |  |
| C.2.2.5   | Build in new lintel, remove door and frame and enlarge opening to 1500mm. Make good all trades.                                  | No. | 1   |  |  |
| C.3       | <b><u>DRYWALL</u></b>                                                                                                            |     |     |  |  |
| C.3.1     | New 90mm thick gyproc drywall (Outside)                                                                                          | m²  | 22  |  |  |
| C.3.2     | New 90mm thick gyproc drywall (Inside)                                                                                           | m²  | 42  |  |  |
| C.4       | <b><u>WHEELCHAIR RAMPS</u></b>                                                                                                   |     |     |  |  |
| C.4.1     | Construct concrete and masonry wheelchair ramps:                                                                                 |     |     |  |  |
| C.4.1.1   | (a) 600 x 300mm strip foundation                                                                                                 | m³  | 6   |  |  |
| C.4.1.2   | (b) Sand filling                                                                                                                 | m³  | 28  |  |  |
| C.4.1.3   | (c) Brickwork                                                                                                                    | m²  | 20  |  |  |
| C.4.1.4   | (d) 100mm thick concrete slab                                                                                                    | m³  | 6   |  |  |
| C.5       | <b><u>DRAINAGE</u></b>                                                                                                           |     |     |  |  |
| C.5.1     | Aluminium gutters:                                                                                                               |     |     |  |  |
| C.5.1.1   | (a) 150 x 80mm aluminium eaves gutter to match existing                                                                          | m   | 8.5 |  |  |
| C.5.1.2   | (b) extra over eaves gutter for stop end                                                                                         | no  | 2   |  |  |
| C.5.1.3   | (c) extra over eaves gutter for outlet                                                                                           | no  | 1   |  |  |
| C.5.2     | Aluminium downpipes to match gutters:                                                                                            |     |     |  |  |

|                                         |                                                                                                                                                                 |                |     |  |  |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|--|--|
| C.5.2.1                                 | -<br>(a) 100 x 75mm aluminium rainwater downpipes to match existing                                                                                             | m              | 2.8 |  |  |
| C.5.2.2                                 | (b) extra over downpipe for bend                                                                                                                                | no             | 2   |  |  |
| C.5.2.3                                 | (c) extra over downpipe for shoe                                                                                                                                | no             | 1   |  |  |
| C.6                                     | <b><u>ROOFING</u></b>                                                                                                                                           |                |     |  |  |
| C.6.1                                   | -<br>Cornice:                                                                                                                                                   |                |     |  |  |
| C.6.1.1                                 | -<br>70mm coved cornices                                                                                                                                        | m              | 93  |  |  |
| C.6.2                                   | -<br>Insulation:                                                                                                                                                |                |     |  |  |
| C.6.2.1                                 | -<br>135mm thick Isotherm ceiling blanket insulation laid over PVC ceiling.                                                                                     | m <sup>2</sup> | 65  |  |  |
| C.6.3                                   | Nailed up ceilings:                                                                                                                                             |                |     |  |  |
| C.6.3.1                                 | -<br>8mm thick tongue and groove PVC ceiling fixed to and including timber 38mm x 38mm SA Pine bandering (Colour: White; Finish: Matte).                        | m <sup>2</sup> | 65  |  |  |
| C.6.4                                   | Flashing:                                                                                                                                                       |                |     |  |  |
| C.6.4.1                                 | 0,5mm thick galvanized sheet metal flashing and counter flashing against wall in position as indicated.                                                         | m              | 9   |  |  |
| C.7                                     | <b><u>HANDRAIL</u></b>                                                                                                                                          |                |     |  |  |
| C.7.1                                   | 1000mm high handrail to comply with SANS 10400 Part S: 4.10 as approved                                                                                         | m              | 44  |  |  |
| C.8                                     | <b><u>VENTILATORS</u></b>                                                                                                                                       |                |     |  |  |
| C.8.1                                   | Supply and install zincalume 350mm dia. "tornado" windmaster turbine roof ventilator. Roof ventilator to be installed and waterproofed by specialist installer. | No.            | 2   |  |  |
| C.9                                     | <b><u>SUNDRIES</u></b>                                                                                                                                          |                |     |  |  |
| C.9.1                                   | (a) Supply and mount 4,5kg dry powder fire extinguishers                                                                                                        | No.            | 2   |  |  |
| <b>TOTAL CARRIED FORWARD TO SUMMARY</b> |                                                                                                                                                                 |                |     |  |  |

| SUMMARY                                     |                         |                             |
|---------------------------------------------|-------------------------|-----------------------------|
| NO.                                         | DESCRIPTION             | AMOUNT (R.c)<br>(Vat Excl.) |
| A                                           | PRELIMINARY AND GENERAL |                             |
| B                                           | SITE CLEARANCE          |                             |
| C                                           | ALTERATIONS             |                             |
| SUB-TOTAL A (Vat Excl.)                     |                         |                             |
| CONTINGENCIES (10%)                         |                         |                             |
| SUB-TOTAL B (A + CONTINGENCIES) (Vat Excl.) |                         |                             |
| VAT (15%)                                   |                         |                             |
| TOTAL (Vat Incl.)                           |                         |                             |

**Failure to adhere to the beforementioned will result in your tender being declared non-responsive.**

#### DECLARATION

I, THE UNDERSIGNED (NAME) .....

CERTIFICATE THAT THE INFORMATION FURNISHED ABOVE IS CORRECT. I ACCEPT THAT THE MUNICIPALITY MAY ACT AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

AUTHORISED SIGNATURE: .....

NAME: .....

CAPACITY: .....

DATE: .....