



**arts, culture,
sports & recreation**

Department:
Arts, Culture, Sports and Recreation
North West Provincial Government
REPUBLIC OF SOUTH AFRICA

ANNEXURE F

BILL OF QUANTITY (BOQ)

TOSCA MODULAR LIBRARY



SUPPLY, DELIVERY AND INSTALLATION OF MODULAR LIBRARY AT TOSCA

[illegible]

A: MODULAR LIBRARY
BILL NO. 1

B: SEPTIC TANK

EARTHWORKS

SUPPLEMENTARY PREAMBLES

The contractor is referred to the Model Preambles for published by the Association of South African Quantity Surveyors

Nature of ground

The tenderer must acquaint himself with material to be excavated the nature of the ground

Carting away of excavated material

Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site

Filling and layer work materials

References such as "G1", "G2", etc. and "C1", "C2", etc. in descriptions of filling and layer work materials refer to corresponding references in the document "Guidelines for Road Construction Materials. TRH 14 : 1985" compiled by the Committee of State Road Authorities and the properties set out therein for each kind shall be applicable to the respective materials described hereinafter

Testing

Prices for filling are to include for all necessary density and other tests

SITE CLEARANCE

Site clearance

- 1 Digging up and removing rubbish, debris, vegetation, hedges, shrubs, bush, etc. and trees not exceeding 200mm girth

A: 327

B: 32

m²

357

BULK EXCAVATION, FILLING, ETC.

Excavation in earth exceeding 2000mm and not exceeding 4000m deep

Carried to Bill Summary

2	Trenches including working around piles A: 0 B: 90	m ³	90		
	<u>Extra over bulk excavations in earth for excavation in</u>				
3	Soft rock A: 0 B: 9	m ³	9		
4	Hard rock A: 0 B: 5	m ³	5		
	<u>Extra over all excavations for carting away</u>				
5	Surplus material from excavations and/or stock piles on site, to a dumping site to be located by the contractor A: 0 B: 30	m ³	30		
	<u>Risk of collapse of excavations</u>				
6	Sides of trench and hole excavations exceeding 1,5m and not exceeding 4m deep A: 0 B: 66	m ²	66		
	<u>Keeping excavations free of water</u>				
7	Keeping excavation free of water A: 0 B: 1	Item	1		
	<u>FILLING ETC.</u>				
8	Earth filling obtained from the excavations (not compacted) A: 0 B: 66	m ³	66		
	<u>EXCAVATION, FILLING, ETC. OTHER THAN BULK</u>				
	<u>Excavate trench for laying of sewer pipes not exceeding 2000mm deep</u>				
10	Trench A: 51 B: 0	m ³	51		
	<u>Extra over all excavations for carting away</u>				
11	Surplus material from excavations and/or stock piles on site, to a dumping site to be located by the contractor A: 53 B: 0	m ³	53		
Carried to Bill Summary					

BILL NO. 1

EARTHWORKS

BILL SUMMARY

Total Brought Forward from Page No.

PAGE

AMOUNT

2

3

4

Carried to Sectional summary

BILL NO. 2**CONCRETE, FORMWORK AND REINFORCEMENT****SUPPLEMENTARY PREAMBLES**

The contractor is referred to the Model Preambles for Trades published by the Association of South African Quantity Surveyors

Cost of tests

The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests for approval. The testing shall be undertaken by an approved independent firm or institution nominated by the contractor (test cubes are measured separately)

Formwork

Descriptions of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use

Formwork to soffits of solid slabs etc. shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described

UNREINFORCED CONCRETE CAST ON/IN FORMWORK**15MPa/19mm concrete**

1	Surface beds				
	A: 113	B: 6	m ³	119	

19MPa/150mm concrete

2	400mm x 300mm x 100mm Concrete water channel on the down pipes				
	A: 1	B: 0	m ³	1	

REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES.

Carried to Bill Summary

	<u>Reinforced concrete with a coarse aggregate of 19mm and a minimum compressive strength of 20MPa:</u>				
3	Concrete slab and finished smooth with a wood float with provision of 450 x 600mm manhole (Measured elsewhere)				
	A: 323 B: 6	m ²	329		
	<u>ROUGH FORMWORK</u>				
	<u>Rough</u>				
4	Rough formwork to edges of concrete aprons not exceeding 300mm high				
	A: 85 B: 0	m	85		
	<u>Special formwork to sides</u>				
5	Steps				
	A: 4 B: 0	m	4		
	<u>PERMANENT FORMWORK</u>				
	<u>1,2mm galvanised steel permanent decking system to soffits</u>				
6	Decking for slabs with ends laid on brick walls				
	A: 0 B: 12	m ²	12		
7	6m Maxi concrete lintels at 300mm centre to centre				
	A: 0 B: 12	no	12		
8	3.5m x 0.5mm IBR sheeting				
	A: 0 B: 10	no	10		
	<u>REINFORCEMENT</u>				
	<u>High tensile steel reinforcement to structural concrete work</u>				
9	12mm Diameter Y bars				
	A: 0 B: 0,07	m	0,075		
	<u>Mild tensile steel reinforcement to structural concrete work</u>				
10	12mm Diameter Y bars				
	A: 0 B: 0,07	m	0,07		
	<u>Fabric reinforcement</u>				
11	200 x 200 x 6,3mm Steel mesh reinforcement reference 245 in concrete slabs, surface beds, etc.				
	A: 0 B: 150	m	150		
Carried to Bill Summary					

BILL NO. 2

CONCRETE, FORMWORK AND REINFORCEMENT

BILL SUMMARY PAGE

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Carried to Sectional Summary

BILL NO. 3**MASONRY****SUPPLEMENTARY PREAMBLES**

The contractor is referred to the Model Preambles for Trades edition published by the Association of South African Quantity Surveyors

BRICKWORKSizes in descriptions

Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick

Face bricks

Bricks shall be ordered timeously to obtain uniformity in size and colour

Pointing

Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc.

FOUNDATIONSBrickwork Face brick in class II mortar

1	One brick walls A: 66 B: 54	m ²	120
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2.5mm Brickwork reinforcement

2	150mm Wide reinforcement built in horizontally A: 53 B: 204	m	257
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Carried to Sectional Summary

BILL NO. 4**WATERPROOFING****SUPPLEMENTARY PREAMBLES**

The contractor is referred to the Model Preambles for Trades edition published by the Association of South African Quantity Surveyors

Waterproofing

Waterproofing of roofs, basements, etc. shall be laid under a ten year guarantee. Waterproofing to roofs shall be laid to even falls to outlets etc. with necessary ridges, hips and valleys. Descriptions of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turn-downs

DAMP PROOFING OF WALLS AND FLOORS

One layer 250 micron green polyethylene waterproof sheeting (SANS 952-1985 type C) sealed at laps with PVC self-adhesive tape

1 Under surface beds

m²

323

Carried to Section Summary

BILL NO. 5**PLASTERING****SUPPLEMENTARY PREAMBLES**

The contractor is referred to the Model Preambles for Trades edition published by the Association of South African Quantity Surveyors

Plaster to existing brick walls & newly build walls.

Plaster to walls shall be of 1:4:4 mixture cement mortar. The plaster shall be 19 mm thick & finished to a true & even surface with steel trowel, neatly finished on corners and reveals.

INTERNAL PLASTER

Cement plaster steel trowelled, on brickwork

1	On walls A: 0	B: 80	m ²	80
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Carried to Sectional Summary

BILL NO. 6

PLUMBING AND DRAINAGE (PROVISIONAL)

SUPPLEMENTARY PREAMBLES

The contractor is referred to the Model Preambles for Trades published by the Association of South African Quantity Surveyors

PVC-U pipes and fittings

Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings. Soil, waste and vent pipes and fittings shall be solvent weld jointed or sealed with butyl rubber rings.

Fixing of pipes

Unless specifically otherwise stated, descriptions of pipes shall be deemed to include fixing to walls, etc., casting in, building in or suspending not exceeding 1m below suspension level.

Disinfection of water pipework

Water pipework is to be disinfected at completion.

Laying, backfilling, bedding, etc. of pipes

Pipes shall be laid and bedded in accordance with manufacturers' instructions and trenches shall be carefully backfilled.

Where no manufacturers' instructions exist, pipes shall be laid in accordance with the relevant section of SANS 2001.

General

Descriptions of pipes laid in and including trenches and of inspection chambers, catchpits, etc. shall be deemed to include excavation, bedding, backfilling, compaction to a minimum of 90% Mod AASHTO density and disposal of surplus material on site.

As-built drawings

Where required, the contractor shall prepare an updated set of as-built drawings. At completion of the contract the contractor shall hand these drawings to the Project Manager for reproducing onto the originals for handing over to the employer.

Carried to Bill Summary

<u>SANITARY PLUMBING</u>					
<u>PVC soil and vent pipes</u>					
1	110mm Pipes	m	17		
2	50mm Pipes	m	10		
<u>Extra over PVC-U soil and vent pipes for fittings</u>					
3	110mm x 87.5° bend with IE	No	3		
<u>WATER SUPPLIES</u>					
4	Excavation in earth not exceeding 1m deep for pipe trenches	m³	18		
5	Backfilling to pipe trenches compacted to 90% Mod AASHTO density	m³	18		
<u>Polycopper pipes</u>					
6	20mm Polycopper pipes laid in and including trenches not exceeding 1m deep	m	76		
<u>Galvanised pipes</u>					
7	15mm Galvanised pipe	m	12		
8	20 x 15mm Galvanised reducer	No	4		
9	15mm Galvanised Tee piece	No	6		
10	15mm Galvanised elbow	No	40		
11	Testing waste pipe system	Item	1		
12	450mm x 600mm Cast iron manhole cover	No.	2		
Carried to Bill Summary					

BILL NO. 6

PLUMBING AND DRAINAGE

BILL SUMMARY PAGE

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AMOUNT

12

13

Carried to Sectional Summary

BILL NO. 7

**ALLUMINIUM WINDOW OPENNING TO CHILDREN
LIBRARY AREA**

1 Supply and install alluminium window opening frame of
15mx 1.5m high including 6.38mm tinted soundproof glass

no

1

Carried to Final Summary

BUILDING WORKS**SECTIONAL SUMMARY PAGE****Brought Forward from****PAGE****AMOUNT****EARTHWORKS****5****CONCRETE, FORMWORKS AND REINFORCEMENT****8****MASONRY****9****WATERPROOFING****10****PLASTERING****11****PLUMBING AND DRAINAGE****14****ALLUMINIUM WINDOW FRAME(Children Library)****15****Carried to Final Summary**

EXTERNAL WORKS**BILL NO. 8****INSTALLATION CLEAR VIEW FENCE****EARTHWORKS****EXCAVATIONS ETC.**Excavation in earth not exceeding 2m deepDigging of holeS

1 Holes

m³

5

Extra over all excavations for carting away

2 Surplus material from excavations and/or stock piles on site, to a dumping site to be located by the contractor

m³

5

Keeping excavations free of water

3 Keeping excavations free of all water other than subterranean water

Item

1

CONCRETE, FORMWORK AND REINFORCEMENT**REINFORCED CONCRETE CAST ON/IN FORMWORK**15MPa/19mm concrete

4 Surface beds

m³

5

FENCINGFenceClear view welded mesh fence anti-cut fully galvanised at a Minimum of 275g/m2 Zinc coated**Carried to Bill Summary**

5	3000mm x 2500mm high Anti-cut/ Anti-climb Clear view welded mesh fence panel of 4mm diameter vertical wire and 3,15mm horizontal wire and 4 horizontal V-bends for added strength and rigidity, fully hot dip galvanised at a Minimum of 275g/m2 Zinc coated with 100 x 8mm clamp finished with spikes on top	m	164	
6	4mm Thick x 60 x 60 x 3000mm high Zincalume corner post	No.	8	
7	4mm Thick x 60 x 60 x 3000mm high Zincalume intermediate post	No.	38	
8	5030mm x 2500mm High sliding motor gate of 2515mm x 1800mm high Clear view welded mesh fence panel fully galvanised at a Minimum of 275g/m2 Zinc coated with 100 x 8mm clamp. Support the gate on each side with two 100 x 100mm zinc coated square tubing of the same height of the gate embedded in concrete 400 mm deep and a pair of roller guides and wheels. 12 mm diameter round bar welded to on full length to 8 x 40 x 40 x 5mm angle iron bar rail track fixed level in concrete and finished with 50 mm spikes on top, security lock set with provision of handles both sides.	No.	1	
9	900mm x 1800mm High single motor gate of 2515mm x 4200mm high Clear view welded mesh fence panel fully galvanised at a Minimum of 275g/m2 Zinc coated with 100 x 8mm clamp including excavation and concrete for sliding.	No.	1	
Carried to Bill Summary				

BILL NO. 8

INSTALLATION CLEAR VIEW FENCE

BILL SUMMARY PAGE

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BILL NO. 9**ROADWORK, PARKING AREAS AND PAVING****SUPPLEMENTARY PREAMBLES****Testing of material and filling**

Descriptions of earth filling, compaction, etc. shall be deemed to include for all necessary testing required in accordance with the SABS 1200 series

Precast concrete block road surfacing

Paving shall be laid in accordance with SABS 1200 MJ, SANS 1058 and the Concrete Masonry Association's specifications

Paving shall be laid to herringbone pattern on 20mm thick (thickness after final compaction) clean river sand (preparation of ground or filling elsewhere)
Clean sand shall be swept into joints between road stones at completion

Open face excavation in earth over sloping site

- | | | | |
|---|---|----------------|-----|
| 1 | Open face excavation to form platforms under parking areas etc. and depositing excavated material over site, including haulage not exceeding 1000mm from perimeter of excavations | m ³ | 105 |
|---|---|----------------|-----|

Extra over all excavations for carting away

- | | | | |
|---|--|----------------|-----|
| 2 | Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor | m ³ | 105 |
|---|--|----------------|-----|

Keeping excavations free of water

- | | | | |
|---|---|------|---|
| 3 | Keeping excavations free of water other than subterranean water | Item | 1 |
|---|---|------|---|

Carried to Bill Summary

	<u>Compaction of surfaces</u>			
4	Compaction of ground surfaces under pavings etc., including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density	m ²	349	
	<u>WEED KILLERS, INSECTICIDES, ETC.</u>			
	<u>Weed killer (active ingredients metalaclor 102,8 g/l, terbitilasien 248,6 g/l and atrasien 248,6 g/l) mixed in the proportion of 100 ml weed killer to 100 l water and applied at a rate of 10 l/m²</u>			
	<u>Soil insecticide in accordance with SANS 5859</u>			
5	Under paving, etc., including forming and poisoning shallow furrows against foundation walls etc., filling in furrows and ramming	m ²	349	
	<u>60mm Thick 25MPa precast concrete interlocking block paving of 110 x 220mm grey paving blocks in accordance with SANS 1058, laid to falls on and including 25mm thick sand layer with joints filled in with sand, compacted with a vibration compactor</u>			
6	Paving to parking areas etc. to falls, including necessary straight edge blocks	m ²	349	
7	Edging to paving not exceeding 300mm wide	m	54	
	<u>Precast concrete finished smooth on exposed surfaces, including bedding, jointing and pointing</u>			
8	150 x 300mm High kerbs with 150 x 150 x 300mm unreinforced concrete hunching at back of each joint, including excavation, backfilling, etc.	m	54	

<u>DOUBLE CURVED SHAPE CARPORTS</u>					
<u>The Curved double carport of 6m wide x 6m in length for Four (4) cars</u>					
<u>EARTHWORKS</u>					
<u>Excavation in earth not exceeding 2m deep</u>					
10	Digging for holes	m ³	6		
<u>Extra over all excavations for carting away</u>					
11	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m ³	6		
<u>Risk of collapse of excavations</u>					
12	Sides of trench and hole excavations not exceeding 1,5m deep	m ²	6		
<u>WEED KILLERS, INSECTICIDES, ETC.</u>					
<u>Weed killer (active ingredients Metolachlor 102,8 g/l, terbitilasien 248,6 g/l and atrasien 248,6 g/l) mixed in the proportion of 100 ml weed killer to 100 l water and applied at a rate of 10 l/m²</u>					
<u>Soil insecticide in accordance with SANS 5859</u>					
13	In holes	m ²	6		
<u>CONCRETE, FORMWORK AND REINFORCEMENT</u>					
<u>UNREINFORCED CONCRETE CAST ON/IN FORMWORK</u>					
<u>15MPa/19mm concrete</u>					
14	In holes	m ³	6		
<u>ROOF COVERINGS, CLADDINGS, ETC.</u>					
<u>SUPPLEMENTARY PREAMBLES</u>					
<u>PROFILED METAL SHEETING AND ACCESSORIES</u>					
<u>0,6mm Z275 spelter galvanised troughed (Chromadek steel sheets in single lengths not exceeding 13m with grey finish of approved standard colour on one side and standard grey backing finish on reverse side, fixed to timber purlins</u>					
15	0.58mm flat IBR roof sheeting fixed on steel purlins with self-taping bolts and washers	m ²	83		

<u>METALWORK</u>		
16	100 x 100 x 2.5m high vertical Square tubing embedded in concrete footings with 250 x 250 x 2.5mm thick base plate of 4 x 15mm diameter holes for bolts fixed to concrete	No 6
17	100 x 100mm horizontal square tubing welded to the vertical posts	m 20
18	75 x 75mm Steel Purlins (CURVED) welded on the horizontal square tubing at 1200mm centers	m 26
<u>PAINTWORK</u>		
<u>SUPPLEMENTARY PREAMBLES</u>		
<u>PAINT SPECIFICATIONS</u>		
All painting shall be done in accordance with SABS specifications unless otherwise described		
<u>ON METAL SURFACES</u>		
<u>One coat alkyd based zinc phosphate primer and two coats premium quality polyurethane enamel paint, on steel</u>		
19	On structural steel	m ² 57
20	On structural steel not exceeding 300mm girth	m 26
Carried to Bill Summary		

BILL NO. 9

ROADWORK, PARKING AREAS AND PAVING

BILL SUMMARY PAGE

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AMOUNT

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EXTERNAL WORKS

SECTIONAL SUMMARY PAGE

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INSTALLATION CLEAR VIEW FENCE		19	
ROADWORK, PARKING AREAS AND PAVING		24	

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BILL NO. 10**ELECTRICAL WORKS****CABLING**

Supply and install SANS approved PVC insulated stranded copper conductors cable. The tendered rates shall make provision for normal wastage.

1	16mm X 3 core armoured cable	m	107
2	Cable glands	No.	2

CABLE TRENCHES

3	Excavation in earth not exceeding 2m deep for cable trenches including risk of collapse of excavations, keeping excavations free from water, setting aside excavated material and later refilling of trenches	m ³	36
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EARTHING & BONDING

All metal parts of roofs, gutters and down pipes shall be earthed. One bare 10mm² copper conductor shall be installed over the full length of the ceiling void, fixed to the top purlin and connected to the main earth conductor at each Distribution Board. The roof and gutters shall be connected at 15mm X 0,8mm copper strapping (not conductor) and galvanised bolts & nuts.

4	10mm ² copper conductor	m	6
5	Copper strapping complete with galvanised bolts & nuts	m	5
6	1m earth spike complete with clamps & terminals	No.	1
7	20mm galvanize pipe (with steel saddles)	No.	1

SECURITY LIGHT FITTINGS

Supply, deliver to site, store & install SANS approved wall mounted water resistant brackets type Beka bulkhead 85W heat resistant, shrouded ES lamp complete with accessories. (Current must be tapped from the D\B)

8	Bulkhead 85W light fitting energy saver with bulb to be operated by photo-cell	No.	4
9	24W Photo -cell	No.	1
10	Supply and install Electrical gate motor D5 Evo Centurion	No.	1

ELECTRICAL TEST

11	Provision for the required inspections, tests and commissioning of the complete installation and the issuing of the required certificates of compliance.	Item	1
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MECHANICAL WORK SUNDRIES

12	Units mounting brackets (Set of 2)	No.	3
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BILL NO. 10

ELECTRICAL WORK

BILL SUMMARY PAGE

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26

Carried to Final Summary

BILL NO. 11

PROVISIONAL SUMS

MODULAR LIBRARY

SUPPLEMENTARY PREAMBLES

General

Work for which budgetary allowances are provided will be measured and valued in accordance with the Principal Building Agreement of the Joint Building Contract Committee contract and deducted in whole or in part if not required without any compensation for loss of profit on the said allowances

Prime cost amounts and provisional sums are net. Prime cost amounts shall include for delivery to site of all articles concerned Provisional sums are for material and equipment supplied and installed complete by firms of specialists

Profit

Where stated, the contractor may allow for profit if required

BUDGETARY ALLOWANCES

Supply and delivery of 19m x 17m Library as per the attached plan to the specification

- 1 Allow the sum of R 1850 000.00 for supply, delivery and installation of prefabricated modular library as per the plan attached to this bill of quantities
- 2 Add for profit and general attendance upon above if required

SUM

SUM

Carried to Final Summary

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>BILL NO 12</u> <u>PREFABRICATED GUARDHOUSE</u> <u>NOTES</u> <u>PREAMBLES</u> The contractor is referred to the General Preambles for Trades published by the Association of South African Quantity Surveyors before pricing this bill. <u>Roof</u> The 3 x 3 guard shack roof consists of galvanized steel rolled roofing for long lasting durability <u>Floor</u> Strong and robust, made with premium OSB flooring over pressure treated floor joists. The floor should be insulated and covered with tough vinyl flooring. <u>Walls</u> Walls consist of interior vinyl clad gypsum, OSB sheathing and aluminium exterior makes for a dent resistant and maintenance free finish. <u>Doors</u> Hinged insulated metal swinging door with half glass for the guard room and an insulated metal swinging door for the toilet. Supply, deliver and install a 3m x 3m prefabricated guardhouse with a toilet. The toilet door should open from outside.				
	Carried to Summary	Item	1		

BILL NO 13**PROVISIONAL SUMS**

- | | | | |
|---|---|------|---|
| 1 | Allow R7 500.00 for electrical connection to the DB.
Amount to be used as directed by the Project Manager and to be use deducted in whole or part if not used. | Item | 1 |
| 2 | Allow R7 500.00 for drainage connection and commissioning to the drainage system. Amount to be used as directed by the Project Manager and to be use deducted in whole or part if not used. | Item | 1 |

Carried to Summary

BILL NO 14**EXTERNAL WORKS - GENERAL PAVING WORKS****GENERAL PREAMBLES**

Supplementary preambles contained in any individual trade of these bills of Quantities shall apply equally to any work of a similar nature in this External Works trade unless otherwise stated.

PAVING WORK

1	Excavation in earth for reduced levels	m ³	30
2	Extra over all excavation for carting away surplus material from excav and or storkpile on site to a dumping site to be located by the Co	m ³	30
3	Earth filling supplied by the Contractor (G5 Material) under paving	m ³	30
4	Compacting ground surface under pavings, etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 95% Mod AASTO density.	m ²	197
5	Soil poisoning surfaces of ground under paving bricks including forming poisoning shallow furrows against kerbing etc. filling in furrows ar	m ²	197
6	250 micron Upvc plastic under paving	m ²	300
7	Laying of 60 mm thick grey double zig zag (shape S-A) interlocking paving bricks with butt joints to herringbone pattern on and includ thick river sand bedding treated with weedkiller and with clean sand swept into joints, laid to falls to sides of drive and walk ways, road, parking areas	m ²	197
8	200 X 150mm deep 15Mpa concrete on edge of pavers	No	66

Note: poisoning certificate to be issued after completion of activity

Carried to Summary

BILL NO 15

STEEL WORKS

1	Supply and install 1m x 1m, 10mm aluminium tubes buglers on window openings with a spacing of 100mm c/c.	No.	2
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Carried to Summary

GUARDHOUSE

PROVISIONAL SUMS

34

PAVING WORK

35

STEEL WORK

36

SUB TOTAL

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FINAL SUMMARY PAGE

	PAGE	AMOUNT
PRELIMINARIES	1	
BUILDING WORK	16	
EXTERNAL WORK	25	
ELECTRICAL WORK	31	
PROVISIONAL SUMS(MODULAR LIBRARY)	32	
GUARD HOUSE	37	
SUB-TOTAL		
<u>CONTINGENCY</u>		
Contingencies to be used as instructed by the Department		50 000,00
SUB-TOTAL including Contingencies, but excluding Value Added Tax (VAT)		
ADD: Value Added Tax (VAT) calculated at the rate of 15%		
Carried to Form of Tender		