

1. Stair #1 - Upstand Walls and Ground Floor Slab - Gridline 1-3 / A-C

EXCAVATION AND EARTHWORKS - as Specification Sections 02260 & 02300 - All foundation excavations are measured net and the contractor shall include in his prices for any necessary working space, planking, strutting and formwork except were measured in this section.

Excavation for foundation trenches in compacted material fill commencing at formation level
 Disposal surplus excavated material in temporary spoil heaps on site.

Allowance for keeping all excavations free from water arising from whatever source

Treat surface of ground and excavations under building under building with approved chemicals to eradicate and prevent sub-terrinean termites and other pests, the treatment to be carried out by a firm to be approved by the Architect

Concrete work; 4000 PSI reinforced insitu concrete as Specification Section 03300 in:
 Foundation
 Curing

Concrete work; 5000 PSI reinforced insitu concrete as Specification Section 03300 in:
 Landings
 Walls
 Stairs
 Slabs
 Curing

Formwork; as Specification Section 03300; including making good exposed surfaces of concrete after removal to:
 Vertical sides of walls
 Sloping soffits of staircases
 Risers of steps and staircases; 7" high

Floor finishes; screeds and in-situ pavings.
 Light broom finish to concrete

Qty	Unit	Rate	Total \$
	CY		
	CY		
	Item		
	SY		
	CY		
	Item		
	SY		
	SY		
	CY		
	SY		
	Item		
	SY		
	SY		

TOTAL for #1. _____

1. Stair #1 - Upstand Walls and Ground Floor Slab - Gridline 1-3 / A-C

Notes:

- (a) All rebar is already on site and will be installed by others, coordination required with this contractor
- (b) Scaffolding and shoring materials are already on site
- (c) Contractor to allow for moving these to the workface and installation
- (d) Contractor is responsible for co-ordinating all inspections with the Engineer and BCU
- (e) Contractor is responsible for the cost of any re-inspections if their first inspection fails
- (f) Contractor is responsible for co-ordinating their works with the other sub-contractors on site
- (g) Contractor is responsible for Health and Safety of their work areas and workers on site
- (h) Contractor is deemed to have been to site and examined all areas of work during pre-tender walkthrough
- (i) All rebar required for blockwork to be installed by this Contractor
- (j) Contractor to be responsible for Setting Out & Surveying levels for this Work
- (k) All of the above line items should be priced and carried forward to the total

**CLIFTON HUNTER HIGH SCHOOL
 MINISTRY OF EDUCATION
 BUILDING 4B**

2. Main Roof Concrete Sloping Slab - Gridline 7-9 / A-C

4,000 PSI reinforced concrete; in accordance with Specification section 3300; including all necessary crack, construction and expansion joints;

Slabs; 8" thick; Sloping
 Slabs; 9" thick; Sloping
 Curing

Formwork; as Specification section 03300; for faces to be exposed;

To soffits of sloping slabs; 8" or 9" thick;
 To edges of sloping slabs; 9" thick;

Qty	Unit	Rate	Total \$
	SY		
	SY		
	Item		
	SY		
	LY		

TOTAL for #2. _____

Notes:

- (a) All rebar is already on site and will be installed by others, coordination required with this contractor
- (b) Scaffolding and shoring materials are already on site
- (c) Contractor to allow for moving these to the workface and installation
- (d) Contractor is responsible for co-ordinating all inspections with the Engineer and BCU
- (e) Contractor is responsible for the cost of any re-inspections if their first inspection fails
- (f) Contractor is responsible for co-ordinating their works with the other sub-contractors on site
- (g) Contractor is responsible for Health and Safety of their work areas and workers on site
- (h) Contractor is deemed to have been to site and examined all areas of work during pre-tender walkthrough
- (i) All rebar required for blockwork to be installed by this Contractor
- (j) Contractor to be responsible for Setting Out & Surveying levels for this Work
- (k) All of the above line items should be priced and carried forward to the total

**CLIFTON HUNTER HIGH SCHOOL
 MINISTRY OF EDUCATION
 BUILDING 4B**

3. Roof Beams over Projection at Stair #3 - Gridline 6-8 / D-F

Concrete work; 4000 PSI reinforced insitu concrete as Specification Section 03300 in:
 Beams
 Columns
 Curing

Formwork; as Specification Section 03300; including making good exposed surfaces of concrete after removal to:
 Sides and soffits of beams
 Vertical sides of columns

Qty	Unit	Rate	Total \$
	CY		
	CY		
	Item		
	SY		
	SY		

TOTAL for #3. _____

Notes:

- (a) All rebar is already on site and will be installed by others, coordination required with this contractor
- (b) Scaffolding and shoring materials are already on site
- (c) Contractor to allow for moving these to the workface and installation
- (d) Contractor is responsible for co-ordinating all inspections with the Engineer and BCU
- (e) Contractor is responsible for the cost of any re-inspections if their first inspection fails
- (f) Contractor is responsible for co-ordinating their works with the other sub-contractors on site
- (g) Contractor is responsible for Health and Safety of their work areas and workers on site
- (h) Contractor is deemed to have been to site and examined all areas of work during pre-tender walkthrough
- (i) All rebar required for blockwork to be installed by this Contractor
- (j) Contractor to be responsible for Setting Out & Surveying levels for this Work
- (k) All of the above line items should be priced and carried forward to the total

5. Clerestory Window Columns and Beams - Gridlines 2-11 / D

Concrete work; 4000 PSI reinforced insitu concrete as Specification Section 03300 in:

Beams and belt courses
 Columns
 Curing

Formwork; as Specification Section 03300; including making good exposed surfaces of concrete after removal to:

Sides and soffits of beams and belt courses
 Vertical sides of columns and stiffeners

Walling and Masonry; Blockwalling; As Specification Section 04810; ASTM C90 concrete masonry units in ASTM C270 type S mortar

8" concrete masonry units, all cores filled solid with 3000 PSI concrete; built around vertical and horizontal reinforcing bars

Reinforcement; as Specification section 04810;

General

#5 Bars; straight or bent

Qty	Unit	Rate	Total \$
	CY		
	CY		
	Item		
	SY		
	SY		
	SY		
	LBS		

TOTAL for #5. _____

Notes:

- (a) All rebar is already on site and will be installed by others, coordination required with this contractor
- (b) Scaffolding and shoring materials are already on site
- (c) Contractor to allow for moving these to the workface and installation
- (d) Contractor is responsible for co-ordinating all inspections with the Engineer and BCU
- (e) Contractor is responsible for the cost of any re-inspections if their first inspection fails
- (f) Contractor is responsible for co-ordinating their works with the other sub-contractors on site
- (g) Contractor is responsible for Health and Safety of their work areas and workers on site
- (h) Contractor is deemed to have been to site and examined all areas of work during pre-tender walkthrough
- (i) All rebar required for blockwork to be installed by this Contractor
- (j) Contractor to be responsible for Setting Out & Surveying levels for this Work
- (k) All of the above line items should be priced and carried forward to the total

**CLIFTON HUNTER HIGH SCHOOL
 MINISTRY OF EDUCATION
 BUILDING 4B**

6. Concrete Upper Stair Wall at Stair #1 - Gridlines 1 / B-C

**Concrete work; 4000 PSI reinforced insitu
 concrete as Specification Section 03300 in:**
 Walls
 Curing

**Formwork; as Specification Section 03300;
 including making good exposed surfaces of
 concrete after removal to:**
 Vertical sides of walls

Qty	Unit	Rate	Total \$
	CY		
	Item		
	SY		

TOTAL for #6.

Notes:

- (a) All rebar is already on site and will be installed by others, coordination required with this contractor
- (b) Scaffolding and shoring materials are already on site
- (c) Contractor to allow for moving these to the workface and installation
- (d) Contractor is responsible for co-ordinating all inspections with the Engineer and BCU
- (e) Contractor is responsible for the cost of any re-inspections if their first inspection fails
- (f) Contractor is responsible for co-ordinating their works with the other sub-contractors on site
- (g) Contractor is responsible for Health and Safety of their work areas and workers on site
- (h) Contractor is deemed to have been to site and examined all areas of work during pre-tender walkthrough
- (i) All rebar required for blockwork to be installed by this Contractor
- (j) Contractor to be responsible for Setting Out & Surveying levels for this Work
- (k) All of the above line items should be priced and carried forward to the total

**CLIFTON HUNTER HIGH SCHOOL
 MINISTRY OF EDUCATION
 BUILDING 4B**

7. Concrete Sunscreens - Gridline 3-7 / B and 9-11 / B.4

Concrete work; 4000 PSI reinforced insitu concrete as Specification Section 03300 in:
 Concrete sunscreen / eyebrows over windows
 Curing

Formwork; as Specification Section 03300; including making good exposed surfaces of concrete after removal to:
 Sides and soffits of suncreens

Qty	Unit	Rate	Total \$
	CY		
	Item		
	SY		

TOTAL for #7.

=====

Notes:

- (a) All rebar is already on site and will be installed by others, coordination required with this contractor
- (b) Scaffolding and shoring materials are already on site
- (c) Contractor to allow for moving these to the workface and installation
- (d) Contractor is responsible for co-ordinating all inspections with the Engineer and BCU
- (e) Contractor is responsible for the cost of any re-inspections if their first inspection fails
- (f) Contractor is responsible for co-ordinating their works with the other sub-contractors on site
- (g) Contractor is responsible for Health and Safety of their work areas and workers on site
- (h) Contractor is deemed to have been to site and examined all areas of work during pre-tender walkthrough
- (i) All rebar required for blockwork to be installed by this Contractor
- (j) Contractor to be responsible for Setting Out & Surveying levels for this Work
- (k) All of the above line items should be priced and carried forward to the total

**CLIFTON HUNTER HIGH SCHOOL
 MINISTRY OF EDUCATION
 BUILDING 4B**

8. Roof Ring Beams, Stiffeners and Corners - Gridline 2-3/B-D & 3-11/B-C & 11/B.4-D

Concrete work; 4000 PSI reinforced insitu concrete as Specification Section 03300 in:
 Beams and belt courses
 Sloping RC walls - 8"
 Columns
 Stiffeners
 Curing

Formwork; as Specification Section 03300; including making good exposed surfaces of concrete after removal to:
 Sides and soffits of beams and belt courses
 Sides of Sloping RC walls - 8"
 Vertical sides of columns and stiffeners

Qty	Unit	Rate	Total \$
	CY		
	SY		
	CY		
	CY		
	Item		
	SY		
	SY		
	SY		

TOTAL for #8. _____

Notes:

- (a) All rebar is already on site and will be installed by others, coordination required with this contractor
- (b) Scaffolding and shoring materials are already on site
- (c) Contractor to allow for moving these to the workface and installation
- (d) Contractor is responsible for co-ordinating all inspections with the Engineer and BCU
- (e) Contractor is responsible for the cost of any re-inspections if their first inspection fails
- (f) Contractor is responsible for co-ordinating their works with the other sub-contractors on site
- (g) Contractor is responsible for Health and Safety of their work areas and workers on site
- (h) Contractor is deemed to have been to site and examined all areas of work during pre-tender walkthrough
- (i) All rebar required for blockwork to be installed by this Contractor
- (j) Contractor to be responsible for Setting Out & Surveying levels for this Work
- (k) All of the above line items should be priced and carried forward to the total

**CLIFTON HUNTER HIGH SCHOOL
MINISTRY OF EDUCATION
BUILDING 4B**

9. Roof Projection Columns, Beams and Floor Slab Gridline 7-9 / A-C

EXCAVATION AND EARTHWORKS - as Specification Sections 02260 & 02300 - All foundation excavations are measured net and the contractor shall include in his prices for any necessary working space, planking, strutting and formwork except were measured in this section.

Excavation for foundation trenches in compacted material fill commencing at formation level
Disposal surplus excavated material in temporary spoil heaps on site.

Treat surface of ground and excavations under building under building with approved chemicals to eradicate and prevent sub-terrainean termites and other pests, the treatment to be carried out by a firm to be approved by the Architect

Concrete work; 4000 PSI reinforced insitu concrete as Specification Section 03300 in:

Foundation
Slabs
Curing

Concrete work; 5000 PSI reinforced insitu concrete as Specification Section 03300 in:

Beams
Columns
Curing

Formwork; as Specification Section 03300; including making good exposed surfaces of concrete after removal to:

Ground floor slab edges
Sides and soffits of beams
Vertical sides of columns

Floor finishes; screeds and in-situ pavings.

Light broom finish to concrete

Qty	Unit	Rate	Total \$
	CY		
	CY		
	SY		
	CY		
	SY		
	Item		
	CY		
	CY		
	Item		
	LY		
	SY		
	SY		
	SY		

TOTAL for #9.

=====

**CLIFTON HUNTER HIGH SCHOOL
MINISTRY OF EDUCATION
BUILDING 4B
9. Roof Projection Columns, Beams and Floor Slab Gridline 7-9 / A-C**

Notes:

- (a) All rebar is already on site and will be installed by others, coordination required with this contractor
- (b) Scaffolding and shoring materials are already on site
- (c) Contractor to allow for moving these to the workface and installation
- (d) Contractor is responsible for co-ordinating all inspections with the Engineer and BCU
- (e) Contractor is responsible for the cost of any re-inspections if their first inspection fails
- (f) Contractor is responsible for co-ordinating their works with the other sub-contractors on site
- (g) Contractor is responsible for Health and Safety of their work areas and workers on site
- (h) Contractor is deemed to have been to site and examined all areas of work during pre-tender walkthrough
- (i) Contractor to be responsible for Setting Out & Surveying levels for this Work
- (j) All of the above line items should be priced and carried forward to the total

Qty	Unit	Rate	Total \$
-----	------	------	----------

**CLIFTON HUNTER HIGH SCHOOL
MINISTRY OF EDUCATION
BUILDING 4B**

10. Second Floor Slab, Upstand Wall and Supporting Columns - Gridline 7-9 / B.4-C

4,000 PSI reinforced concrete; in accordance with Specification section 3300; including all necessary crack, construction and expansion joints;

Slabs; 8" thick

Upstand walls

Beams

Supporting columns

Curing

Formwork; as Specification section 03300; for faces to be exposed;

To soffits of slabs; 8" thick;

To edges of slabs; 8" thick;

Sides of upstand walls

Sides of and soffits of beams

Sides of columns

		SY	
		SY	
		CY	
		CY	
		SY	
		SY	
		SY	

TOTAL for #10.

=====

Notes:

- (a) All rebar is already on site and will be installed by others, coordination required with this contractor
- (b) Scaffolding and shoring materials are already on site
- (c) Contractor to allow for moving these to the workface and installation
- (d) Contractor is responsible for co-ordinating all inspections with the Engineer and BCU
- (e) Contractor is responsible for the cost of any re-inspections if their first inspection fails
- (f) Contractor is responsible for co-ordinating their works with the other sub-contractors on site
- (g) Contractor is responsible for Health and Safety of their work areas and workers on site
- (h) Contractor is deemed to have been to site and examined all areas of work during pre-tender walkthrough
- (i) All rebar required for blockwork to be installed by this Contractor
- (j) Contractor to be responsible for Setting Out & Surveying levels for this Work
- (k) All of the above line items should be priced and carried forward to the total

Qty	Unit	Rate	Total \$
-----	------	------	----------

**CLIFTON HUNTER HIGH SCHOOL
MINISTRY OF EDUCATION
BUILDING 4B**

Notes:

- (a) All rebar is already on site and will be installed by others, coordination required with this contractor
- (b) Scaffolding and shoring materials are already on site
- (c) Contractor to allow for moving these to the workface and installation
- (d) Contractor is responsible for co-ordinating all inspections with the Engineer and BCU
- (e) Contractor is responsible for the cost of any re-inspections if their first inspection fails
- (f) Contractor is responsible for co-ordinating their works with the other sub-contractors on site
- (g) Contractor is responsible for Health and Safety of their work areas and workers on site
- (h) Contractor is deemed to have been to site and examined all areas of work during pre-tender walkthrough
- (i) All rebar required for blockwork to be installed by this Contractor
- (j) Contractor to be responsible for Setting Out & Surveying levels for this Work
- (k) All of the above line items should be priced and carried forward to the total

12. Architectural Projection - Gridline 14-15 / E-G

Qty	Unit	Rate	Total \$

**CLIFTON HUNTER HIGH SCHOOL
MINISTRY OF EDUCATION
BUILDING 4B**

EXCAVATION AND EARTHWORKS - as Specification Sections 02260 & 02300 - All foundation excavations are measured net and the contractor shall include in his prices for any necessary working space, planking, strutting and formwork except were measured in this section.

Excavation for foundation trenches in compacted material fill commencing at formation level
Disposal surplus excavated material; in temporary spoil heaps on site.

Allowance for keeping all excavations free from water arising from whatever source

Treat surface of ground and excavations under building under building with approved chemicals to eradicate and prevent sub-terrinean termites and other pests, the treatment to be carried out by a firm to be approved by the Architect

Concrete work ; 4000 PSI reinforced insitu concrete as Specification Section 03300 in:

Foundations
Slabs
Curing

Concrete work ; 5000 PSI reinforced insitu concrete as Specification Section 03300 in:

Beams
Columns
Curing

Formwork; as Specification Section 03300; including making good exposed surfaces of concrete after removal to:

Foundations
Sides and soffits of beams
Vertical sides of columns

	CY		
	CY		
	Item		
	SY		
	CY		
	SY		
	Item		
	CY		
	CY		
	Item		
	LY		
	SY		
	SY		

TOTAL for #12.

=====

Notes:

- (a) All rebar is already on site and will be installed by others, coordination required with this contractor
- (b) Scaffolding and shoring materials are already on site
- (c) Contractor to allow for moving these to the workface and installation
- (d) Contractor is responsible for co-ordinating all inspections with the Engineer and BCU
- (e) Contractor is responsible for the cost of any re-inspections if their first inspection fails
- (f) Contractor is responsible for co-ordinating their works with the other sub-contractors on site
- (g) Contractor is responsible for Health and Safety of their work areas and workers on site
- (h) Contractor is deemed to have been to site and examined all areas of work during pre-tender walkthrough
- (i) All rebar required for blockwork to be installed by this Contractor
- (j) Contractor to be responsible for Setting Out & Surveying levels for this Work
- (k) All of the above line items should be priced and carried forward to the total

13. Second Floor Upstand Walls - Gridline 7-9 / D-E

Qty	Unit	Rate	Total \$

**CLIFTON HUNTER HIGH SCHOOL
MINISTRY OF EDUCATION
BUILDING 4B**

**Concrete work; 4000 PSI reinforced insitu
concrete as Specification Section 03300 in:**
Walls; 6" thick
Curing

**Formwork; as Specification Section 03300;
including making good exposed surfaces of
concrete after removal to:**
Vertical sides of upstand walls

	SY		
	SY		

TOTAL for #13.

Notes:

- (a) All rebar is already on site and will be installed by others, coordination required with this contractor
- (b) Scaffolding and shoring materials are already on site
- (c) Contractor to allow for moving these to the workface and installation
- (d) Contractor is responsible for co-ordinating all inspections with the Engineer and BCU
- (e) Contractor is responsible for the cost of any re-inspections if their first inspection fails
- (f) Contractor is responsible for co-ordinating their works with the other sub-contractors on site
- (g) Contractor is responsible for Health and Safety of their work areas and workers on site
- (h) Contractor is deemed to have been to site and examined all areas of work during pre-tender walkthrough
- (i) All rebar required for blockwork to be installed by this Contractor
- (j) Contractor to be responsible for Setting Out & Surveying levels for this Work
- (k) All of the above line items should be priced and carried forward to the total

14. External Blockwork Wall to Mechanical Room Walls - Gridline 8.5-12 / F

Qty	Unit	Rate	Total \$

**CLIFTON HUNTER HIGH SCHOOL
MINISTRY OF EDUCATION
BUILDING 4B**

**Concrete work; 4000 PSI reinforced insitu
concrete as Specification Section 03300 in:**
Beams
Curing

**Formwork; as Specification Section 03300;
including making good exposed surfaces of
concrete after removal to:**
Sides and soffits of beams

**Walling and Masonry; Blockwalling; As Specification
Section 04810; ASTM C90 concrete masonry units in
ASTM C270 type S mortar**
8" concrete masonry units, all cores filled solid with
3000 PSI concrete; built around vertical and
horizontal reinforcing bars

**Reinforcement; as Specification section 04810;
General**
#5 Bars; straight or bent

	CY		
	Item		
	SY		
	SY		
	LBS		

TOTAL for #14.

Notes:

- (a) All rebar is already on site and will be installed by others, coordination required with this contractor
- (b) Scaffolding and shoring materials are already on site
- (c) Contractor to allow for moving these to the workface and installation
- (d) Contractor is responsible for co-ordinating all inspections with the Engineer and BCU
- (e) Contractor is responsible for the cost of any re-inspections if their first inspection fails
- (f) Contractor is responsible for co-ordinating their works with the other sub-contractors on site
- (g) Contractor is responsible for Health and Safety of their work areas and workers on site
- (h) Contractor is deemed to have been to site and examined all areas of work during pre-tender walkthrough
- (i) All rebar required for blockwork to be installed by this Contractor
- (j) Contractor to be responsible for Setting Out & Surveying levels for this Work
- (k) All of the above line items should be priced and carried forward to the total

15. Internal Walls Roof Ring Beams - Gridline 4-6/B-D & 9-11/B-C

Qty	Unit	Rate	Total \$

**CLIFTON HUNTER HIGH SCHOOL
MINISTRY OF EDUCATION
BUILDING 4B**

**Concrete work; 4000 PSI reinforced insitu
concrete as Specification Section 03300 in:**
Ring beams
Stiffeners
Curing

**Formwork; as Specification Section 03300;
including making good exposed surfaces of
concrete after removal to:**
Sides and soffits of beams
Vertical sides of stiffeners

**Walling and Masonry; Blockwalling; As Specification
Section 04810; ASTM C90 concrete masonry units in
ASTM C270 type S mortar**
8" concrete masonry units, all cores filled solid with
3000 PSI concrete; built around vertical and
horizontal reinforcing bars

**Reinforcement; as Specification section 04810;
General**
#5 Bars; straight or bent

	CY		
	CY		
	Item		
	SY		
	SY		
	SY		
	LBS		

TOTAL for #15.

=====

Notes:

- (a) All rebar is already on site and will be installed by others, coordination required with this contractor
- (b) Scaffolding and shoring materials are already on site
- (c) Contractor to allow for moving these to the workface and installation
- (d) Contractor is responsible for co-ordinating all inspections with the Engineer and BCU
- (e) Contractor is responsible for the cost of any re-inspections if their first inspection fails
- (f) Contractor is responsible for co-ordinating their works with the other sub-contractors on site
- (g) Contractor is responsible for Health and Safety of their work areas and workers on site
- (h) Contractor is deemed to have been to site and examined all areas of work during pre-tender walkthrough
- (i) All rebar required for blockwork to be installed by this Contractor
- (j) Contractor to be responsible for Setting Out & Surveying levels for this Work
- (k) All of the above line items should be priced and carried forward to the total

BUILDING 4B - SUMMARY

TOTAL \$

**CLIFTON HUNTER HIGH SCHOOL
 MINISTRY OF EDUCATION
 BUILDING 4B**

1.	Stair #1, Upstand walls and Ground Floor Slab - Gridline 1-3 / A-C	
2.	Main Roof Concrete Sloping Slab - Gridlines 1-11 / B-D	
3.	Roof Beams Over Projection at Stair #3 - Gridlines 6-8 / D-F	
4.	Stair #3 - Upstand and Landing Walls - Gridline 6-7 / D-E	
5.	Clerestorey Columns and Beams - Gridline 2-11 / D	
6.	Concrete Upper Stair Wall at Stair #1 - Gridline 1 / B-C	
7.	Concrete Sunscreens - Gridline 3-7 / B and 9-11 / B.4	
8.	Roof Ring Beams, Stiffeners and Corners - Gridline 2-3/B-D & 3-11/B-C & 11/B.4-D	
9.	Roof Projection Columns, Beams and Floor Slab - Gridline 7-9 / A-C	
10.	Second Floor Slab, Upstand Wall and Supporting Columns - 7-9 / B.4-C	
11.	Stair #4 - Roof Columns, Beams, Stairs, Floor Slabs - Gridline 11-14 / C-E	
12.	Roof Projection Columns, Beams and Floor Slab - Gridline 14-15 / E-G	
13.	Second Floor Upstand Walls - Gridline 7-9 / D-E	
14.	External Blockwork Wall to Mechanical Room - Gridline 8.5-12 / F	
15.	Internal Walls Roof Ring Beams - Gridline 4-6/B-D and 9-11/B-C	

BUILDING 4B TOTAL _____
