



SALEM COMMUNITY RESOURCE CENTRE

REHABILITATION

Bill of Quantities

May 15 2023

THE GALLOWAY GROUP INC.
404 Sweeney's Montserrat West Indies
Phone: (664) 491-3318
email: info@jegalloway.com
www.jegalloway.com

ELEMENT 1
PRELIMS

\$

ELEMENT NR. 0
PRELIMINARIES

GENERAL MATTERS

Labour

- 00- 1 Provide all skilled, semi-skilled and unskilled labour necessary for the proper execution and completion of the Works. Workmanship is to be of the best quality throughout the Works and is to be entirely to the satisfaction of the Architect.

Materials

- 00- 2 Provide all necessary materials for the proper completion of the Works.

Plant, Tools, Equipment etc.

- 00- 3 Provide all plant, tools, equipment, ladders, hoists and other apparatus both mechanical and non-mechanical necessary for the proper completion of the Works and any temporary or ancillary works for such proper completion, including altering, adapting and maintaining them as necessary.

Transport

- 00- 4 Provide all necessary transport for materials, plant and labour.

Foreman-in-charge

- 00- 5 Include for all charges and costs i.e. home accommodation, transport etc. for the Foreman-in-charge.

Site Supervisory Staff

- 00- 6 Include for all charges and costs i.e. home accommodation, transport, etc. for site supervisory staff, other than the Foreman-in-charge, whose salaries and/or wages are not included in other items.

To Collection \$

<u>GENERAL MATTERS</u>		ELEMENT 1 PRELIMS	
		\$	¢
	<u>Transportation and Importation of Employees</u>		
00- 7	Include for the cost of transporting any employees to and from the site or from overseas should this be necessary.		
	<u>Immigration Regulations</u>		
00- 8	Include for obtaining permission and work permits and for making any payments and deposits of money which the Government may require necessary for the importation of personnel from overseas. Permission for the importation of personnel from overseas must be sought from Government and the Contractor will be subject to the decisions of Government in every case in this respect. No claim for loss and/or expense by reason of the refusal of Government to grant work permits to overseas personnel will be entertained.		
	<u>Safety, Health and Welfare</u>		
00- 9	Include for complying with all local statutes and regulations in force relating to the safety, health and welfare of workpeople employed in connection with the Works on site or in places where work is being prepared for incorporation into the Works, and for keeping and maintaining at all times an adequate First Aid set upon the site.		
00- 10	The Contractor shall be responsible for the observance of these conditions by his sub-contractors.		
	<u>National Insurance</u>		
00- 11	Include for all contributions and costs in connection with National Insurance, Unemployment, Pensions, Redundancy Benefits and similar Schemes and Statutes in force relating to workpeople employed in connection with the Works on site or in places where work is being prepared for incorporation into the Works. The Contractor shall be responsible for the observation of these conditions by his sub-contractors.		
	<u>Gender Inclusivity guidelines</u>		
00- 12	The contractor shall comply with the Gender Inclusivity guidelines outlined in the BNTF Environmental Guidance Manual 2021, project proponents must adhere to the following specification: Ensure that all sub-projects do not discriminate on the basis of sex or gender. Review the Environmental Screening Checklists and Guidelines provided in the manual to identify potential areas where discrimination may occur. Implement measures to promote gender equity and inclusivity throughout the project lifecycle, including equal access to resources and opportunities for both men and women. Consider specific gender needs in project design, without excluding any gender group. Seek guidance from relevant authorities or the BNTF Gender Unit for further assistance and clarification. Maintain documentation to demonstrate compliance with gender inclusivity requirements.		
To Collection		\$	

ELEMENT 1
PRELIMS

\$ ¢

GENERAL MATTERS

Holidays with Pay

00- 13 Include for making all payments in connection with holidays with pay statutes, regulations and agreements with recognised Trade Unions in force relating to workpeople employed in connection with the Works on site or in places where work is being prepared for incorporation in the Works.

Overtime

00- 14 Include for all costs and expenses in the working of overtime necessary to complete the Works or sections thereof by the date of completion.

Control of Operatives

00- 15 The Contractor shall be responsible for any acts of trespass or damage to property and he shall ensure that except in connection with the execution of the Works all persons under his control (including sub-contractors) are kept within the boundaries of the site.

00- 16 The Contractor's attention is drawn to the fact that workmen will, at all times, be restricted to within the boundaries of the Works in progress or as further instructed by the Architect during the progress of the Works.

00- 17 The Contractor shall indemnify the Employer against any claims, loss, theft, costs or proceedings whatsoever arising out of any trespass.

Dismissal of Employees

00- 18 The Contractor shall within 48 hours of the receipt of written instructions from the Architect dismiss from the site any operative who in the opinion of the Architect is incompetent or insubordinate and shall immediately substitute others and bear all costs in connection therewith.

To Collection \$

PRELIMS

\$ ¢

GENERAL MATTERS

Workmen's Compensation

00- 19 The Contractor shall insure against liability under Workmen's Compensation Ordinances and shall insure that every sub-contractor shall be so insured and and he shall indemnify the Employer against any claim under the provisions of this and other related Ordinances for the whole of the Works.

Contractor's Risk

00- 20 The Contractor shall undertake all risks and liabilities arising out of, incidental to or connected with the construction, completion and maintenance of the Works. The Contractor's liability shall extend to all risks involved in the execution of the work with regard to temporary supports, struts, braces, shores and other works of support, steadying, restraint or upholding and shall, at his own expense, make good damage or defects resulting from the inadequacy or failure of his actions or work in these respects.

Care of the Works

00- 21 The Contractor shall be responsible for the proper care of the Works, materials and plant and shall make good all damage or loss as a result of inclement weather, theft, damage by any person, or persons and shall allow for all necessary watching and lighting.

Maintenance of Property etc.

00- 22 The Contractor shall be responsible for maintaining and protecting private and public property, private and public roads and that of drainage, electricity, water, telephone, natural gas and similar undertakings and the making good, or paying for all damage caused thereto.

00- 23 The Contractor shall indemnify the Employer against any claim for damage to public highways and private roads caused by the execution of the Works.

To Collection \$

ELEMENT 1
PRELIMS

\$ ¢

GENERAL MATTERS

Programme

00- 24 The Contractor shall within 14 days of award of the Contract produce a draft programme for the entire Works and submit it for the Architect's information. This programme shall indicate the dates for commencement and completion of all the works including sub-contractors work, the delivery dates of materials from suppliers and the latest dates required for all outstanding Contractor information. The Contractor shall, within two weeks after the date for possession, produce a detailed programme either of the bar-chart or critical path type for the information of the Architect. After making any necessary amendments he shall prepare final copies for all consultants and for his own use.

00- 25 The Contractor shall allow for preparing any revised programme which may become necessary from time to time, and for notifying all sub-contractors, suppliers and consultants of any changes in programme. The production of revised programmes and their issue to the Architect shall not relieve the Contractor of his responsibilities under the Conditions of Contract relating to the giving of written notice of delays.

00- 26 The Contractor shall allow for keeping and displaying one copy of the programme on the site and indicating with coloured crayon weekly progress achieved for comparison with programmed progress.

Site Instruction Book

00- 27 The Contractor shall provide and keep on site a site instruction book for the use of the Architect and all other consultants for the purpose of confirming any verbal instruction given.

Use of Explosives

00- 28 The Contractor will only be permitted to use explosives after obtaining permission from the Architect.

To Collection \$

ELEMENT 1
PRELIMS

\$

GENERAL MATTERS

Police Regulations

00- 29 The Contractor shall allow for complying with all police regulations whatsoever in the execution of the Works and shall be responsible for the observance of such regulations by his sub-contractors.

00- 30 The Contractor shall observe and fulfil any obligations and requirements imposed on him by any law, bye-law, Order or otherwise passed by the Government or any department thereof in respect of all persons employed by him or connected with the execution of the Works.

Ordering Materials

00- 31 The Bills of Quantities are not to be used as a basis for the ordering of materials. The Contractor shall prepare his own materials ordering schedules and lists based on the construction drawings and schedules issued and site measurement where appropriate.

Attendance

00- 32 The Contractor shall allow for the general attendance of one trade upon the other.

Testing

00- 33 The Contractor shall include for costs in connection with testing of materials including making and delivering the materials for testing. If the results of any tests are unsatisfactory the Contractor shall bear the cost of any resultant reconstruction which may be ordered by the Architect.

Samples

00- 34 Allow for providing free of charge samples of materials and workmanship requested by the Architect.

Site Meetings

00- 35 The Contractor must make allowance for attendances at all site meetings which will take place at intervals not exceeding four weeks, but could be more frequent if thought necessary by the Architect. Representatives of any sub-contractors and/or suppliers may be requested to attend site meetings.

To Collection \$

ELEMENT 1
PRELIMS

\$

GENERAL MATTERS

Noise Control

00- 36 The Contractor shall take all measures required by any enactment or regulation or by the working rules of any industry to control the noise levels produced by his operations on site and shall indemnify the Employer against any action concerned therewith arising from the execution of the Works.

00- 37 The Contractor's attention is further drawn to the fact that classes will continue as normal and the Contractor's fullest efforts must be given to the areas of noise control.

The Contractor shall arrange in respect of all work done under this Contract:-

00- 38 (i) that all compressors used on the site are silenced either by using only fully silenced models fitted with effective exhaust silencers, and properly lined and sealed acoustic covers all to the design of the manufacturers of the compressors, or by the use of effective acoustic screens around the noise.

00- 39 (ii) that ancillary pneumatic percussion tools used on the site are fitted with silencers of a type recommended by the manufacturers of the tools.

00- 40 (iii) that every such compressor, silencer or other contrivance is maintained in good and efficient working order and shall not have been altered in such a way that the noise caused in operation is made greater by the alteration.

Prevention of Pollution

00- 41 The Contractor shall prevent any pollution arising from the execution of the Works. The cost of rendering harmless or removing any offensive discharge or deposit caused by the Contractor or his workpeople will be borne by the Contractor.

Site Use

00- 42 The Contractor shall not use the site for any purpose other than the execution of this Contract; the proposed siting of all spoil heaps, temporary roads, rail and sleeper tracks, paths, hardstandings, sheds and any other structures shall be subject to the approval of the Architect.

To Collection \$

TEMPORARY WORKS

\$ 0

Temporary Fences

00- 43 Provide and maintain all necessary temporary fences, hoardings, planked footways, guard rails, gantries and the like necessary for the protection of the public and the proper execution of the Works and comply with the requirements of all official bodies having authority in connection with the Works

Temporary Roads within the Site

00- 44 Provide and maintain all necessary temporary roads, tracks, gangways, bridges and the like, within the site for the proper completion of the Works.

Temporary Crossovers and Hard Standings

00- 45 Provide and maintain all necessary temporary crossovers, hardstandings, and the like within the site for the proper completion of the Works. Obtain sanction for and provide and maintain temporary crossovers to public footpaths and light them when required and pay all fees and charges incurred.

Temporary Drains

00- 46 Provide and maintain all necessary temporary drains for the efficient drainage of the site during the progress of the Works to the satisfaction of the Architect.

Temporary Water

00- 47 Provide all necessary water for the Works from an approved source together with all necessary temporary plumbing and storage facilities and altering, adapting, and maintaining as necessary and paying all charges in connection therewith.

To Collection \$

		ELEMENT 1 PRELIMS
	<u>TEMPORARY WORKS</u>	\$
	<u>Temporary Lighting and Power</u>	
00- 48	Provide and maintain all temporary lighting and power necessary for the proper completion of the Works together with all necessary temporary wiring and meters, altering, adapting and maintaining the same as necessary and paying all fees and charges legally demandable in connection therewith.	
00- 49	All electrical installations shall be in accordance with local regulations.	
	<u>Temporary Telephone/Facsimile</u>	
00- 50	Provide and maintain a telephone and facsimile machine in the site office including paying the cost of all the Contractor's calls/faxes. Allow for providing free use of the telephone/facsimile for the Client's Representative, Architect and all other consultants or their appointed representatives for local calls/faxes in connection with the Works.	
	<u>Site Office</u>	
00- 51	Provide and maintain proper air-conditioned office accommodation on site for the use of the Foreman-in-charge. The office of the Foreman-in-charge shall be of sufficient size for, and to be furnished with, a large table and at least twelve chairs for the use of the Architect, Client's Representative and Consultants at regular site meetings.	
	<u>Mess Room</u>	
00- 52	Provide and maintain proper mess rooms for the use of the workmen, together with a supply of drinking water.	
	<u>Latrines</u>	
00- 53	Provide and maintain in a clean and sanitary condition sufficient latrines for the operatives and site staff and deodorize the ground at completion to the satisfaction of the Architect and in compliance with the regulations and to the satisfaction of the health authority.	
00- 54	Chemical closet type latrines <u>must</u> be used.	
	To Collection	\$

ELEMENT 1
PRELIMS

\$

TEMPORARY WORKS

Storage Sheds

00- 55 Provide and maintain proper sheds for the storage of materials, plant and items brought on to the site for use in the Works.

Rates and Taxes on Temporary Buildings

00- 56 The Contractor shall pay all rates and taxes legally demandable by an Act of Parliament, any statutory instrument, rule or order made under any Act of Parliament or any regulation of any statutory body in respect of any temporary buildings used in connection with the Works.

Scaffolding

00- 57 Provide all general scaffolding necessary for the proper execution and completion of the Works including altering, adapting and maintaining during the progress of the Works.

Clear away Temporary Works

00- 58 Clear away at completion all temporary works and all rubbish and debris resulting therefrom and make good all ground disturbed.

To Collection \$

ELEMENT 1
PRELIMS

\$ ¢

PROTECTION AND CLEANING

Protection of the Works

00- 59 Allow for all work in connection with protecting all the Works, by whatever means necessary from any kind of injury or damage.

00- 60 Provide all necessary temporary roofs, tarpaulins, screens, planks and general protection that may be required and clear away when no longer needed and reinstate any work which has become damaged or stained.

Protection of Public and Private Services

00- 61 Before commencing site operations, the Contractor shall notify the various service authorities that work will be proceeding in proximity to their installations and establish the exact positions of all such installations that may be under the site.

00- 62 The Contractor shall protect and uphold pipes, ducts, sewers, service mains, overhead cables and the like until completion of the Works. The Contractor shall, without delay, make good any damage due to any cause at his own expense or pay any costs and charges in connection therewith.

00- 63 The Contractor shall not interfere with the operation of existing services such as gas, water, electricity, telephones, buried cables or sewers, drains, field drains and roadside ditches without the permission of the Architect and in the case of services of Statutory Authorities and private owners, without their permission.

00- 64 Any damage to mains or services shall be notified immediately to the Architect.

To Collection \$

ELEMENT 1
PRELIMS

\$ ¢

PROTECTION AND CLEANING

Protection of Trees and Shrubs

00- 65 The Contractor shall carefully preserve and protect all trees and shrubs on the site from damage until completion of the Works insofar as their removal is not required by reason of the execution of the Works.

00- 66 Should any tree or shrub which it is intended to preserve, be uprooted, destroyed or in the opinion of the Architect be damaged beyond reasonable chance or survival in its original shape due to the Contractor's negligence then the Contractor shall provide and plant a suitable replacement tree or shrub of similar type and age.

Cleaning

00- 67 Allow for all costs in connection with removing rubbish and debris as the work proceeds and cleaning the whole of the Works on completion.

00- 68 The Contractor shall also keep and maintain the site in a neat and tidy condition for the duration of the Contract.

To Collection \$

\$

SPECIAL PARTICULARS

Description of Site

00- 68 The site is located on Block & Parcel 11/1/175 as shown on the Architect's Site Plan.

Access to the site

00- 69 Access to the site shall be via the existing access road.

General Description of the Works

00- 70 The Works generally comprise the Alteration and Renovation of a two storey concrete building and Toilet Blocks of combined area approximately 5,900 square feet gross covered area together with associated Drainage and External Works

Working Hours

00- 71 There will be no restrictions on the hours of work on site.

Temporary hoardings

00- 72 The Contractor shall allow for providing, decorating, altering and adapting as necessary and subsequently removing an 8' 0" high site perimeter hoarding as indicated on the Architect's Site Plan.

00- 73 The hoarding shall be provided with a pair of lockable gates for site access purposes.

Location of Temporary Buildings

00- 74 All temporary buildings, latrines, plant and materials storage shall be located within the hoarded area.

Import Duty

00- 75 All materials for incorporation into the permanent works shall be free of Import Duty. The Contractor shall ascertain the procedures to be followed and shall allow for the costs of preparation of all necessary documentation which may be required.

00- 76 The Contractor shall also ascertain the regulations regarding all goods, materials or equipment which are not to be incorporated into the permanent works, and allow for the cost of any licences, bonds, deposits, duties, levies, taxes or any charges that may be required.

To Collection \$

ELEMENT 1
PRELIMS

\$

SPECIAL PARTICULARS

Signboard

00- 77 The Contractor shall allow for constructing, erecting, maintaining and subsequently removing from site an 8' 0" x 8' 0" painted plywood sign-board displaying his name, the project title and the names of the Architect, Structural Engineer, Services Engineer and Quantity Surveyor. The location, design and layout of the board shall be agreed with the Architect.

Topographical Survey

00- 78 The cost associated with the performance of the following topographical survey:

Pre- site preparation

Post site preparation

To Collection \$

ELEMENT 1
PRELIMS

\$ ¢

COLLECTION

Page Nr.	0 - 2
" "	0 - 3
" "	0 - 4
" "	0 - 5
" "	0 - 6
" "	0 - 7
" "	0 - 8
" "	0 - 9
" "	0 - 10
" "	0 - 11
" "	0 - 12
" "	0 - 13
" "	0 - 14
" "	0 - 15

TO SUMMARY

\$

<u>DEMOLITION/REMOVAL</u>			DEMOLITION
<u>Existing Superstructure</u>			
<u>Walls & Partitions</u>			
<u>demolition; as per drawing</u>			
Stockpile hardcore debris and dispose of appropriately Store and stock materials to be reused accordingly Prop and shore structural components where necessary to carefully carryout demolition Careful not to damage any area, fixtures or the like; not identified to be demolished			
01- 1	Carefully demolish existing timber frame roof over the Auditorium Hall, stockpile debris and dispose of it appropriately	2 691	SF
01- 2	Carefully demolish existing cinder blocks as indicated on drawings	270	SF
01- 3	Carefully demolish existing 8" masonry walls as indicated on drawings	406	SF
01- 4	Carefully demolish existing 4" masonry walls as indicated on drawings	76	SF
<u>Built-Ins & Fixtures</u>			
01- 5	Carefully remove existing water closets	5	Nr
01- 6	Carefully remove existing lavatory basins	1	Nr
<u>Existing Miscellaneous Items</u>			
01- 7	Cut and remove lavatory and sink traps & drain pipes, cap and terminate PVC pipes inside masonry walls		Item
01- 8	Remove existing bathroom accessories bathrooms toilet roll holders , mirrors etc.		Item
<u>Existing Windows & Doors</u>			
01- 9	Remove existing doors, door frames and hardware from masonry walls, stock pile debris for later disposal.	15	Nr
01- 10	Remove existing windows and frames from masonry walls, stock pile debris for later disposal.	10	Nr
		To Collection	\$

COLLECTION

Page Nr.

1- 17

TO SUMMARY

⌘

<u>ELEMENT NR. 2</u> <u>SUBSTRUCTURE (ALL PROVISIONAL)</u>				<u>SUBSTRUC.</u>
EXCAVATION AND EARTHWORK				
<u>EXCAVATION</u>				
<u>Excavating</u>				
Trenches or the like; starting from reduced level to include any required planking and strutting as				
02- 1	not exceeding 3' 0" deep	63.0	CY	
Trenches or the like; working space allowance; backfilling with natural occurring sand; depositing and compacting in layers				
02- 2	not exceeding 3' 0" deep		CY	
<u>Disposal</u>				
Surplus excavated material				
02- 3	removing from site	63.0	CY	
<u>Surface treatments</u>				
Bottoms of excavations				
02- 4	levelling; compacting	566.0	SF	
<u>EXCAVATING TRENCHES IN COMPACTED FILLING TO RECEIVE PIPES</u>				
<u>Not exceeding 6" internal diameter; filling above and around pipes with plain concrete (mix 1:3:6 - 3/4" aggregate); disposing of surplus material by removing from site</u>				
Starting from surface level; not exceeding 3' 0" total depth; average depth				
02- 5	2' 0"	103.0	LF	
<u>DISPOSAL OF WATER</u>				
Keeping excavations free from				
02- 6	general water	1	Item	
<u>HARDCORE OR THE LIKE</u>				
<u>Sand</u>				
Beds				
02- 7	2" thick; levelling and compacting	566.0	SF	
		To Collection		\$

			<u>SUBSTRUC.</u>
	<u>Gravel</u>		
	Beds and surrounds		
02- 8	1' 6" x 1' 6" to two 4" diameter pipe	75.0	LF
	<u>Hardcore</u>		
	Beds		
02- 9	6" thick; levelling and compacting and in trenches	238	SY
	Backfilling around building and trenches		
02- 10	over 12" thick; depositing and compacting in layers	29	CY
	<u>TERMITE TREATMENT</u>		
02- 11	Allow for termite treatment to bottoms of foundations trenches	127.4	SY
02- 12	Allow for termite treatment to top of surface of filling	87.0	SY
02- 13	Allow for termite treatment to sides of foundation trenches	147.0	SY
	CONCRETE WORK		
	<u>IN-SITU CONCRETE; PLAIN</u>		
	<u>Normal; mix 1:3:6 - 3/4" aggregate</u>		
02- 14	Bottom of trenches 2" thick	64	SY
	<u>IN-SITU CONCRETE; REINFORCED</u>		
	<u>Normal; mix 4000 psi at 28 days - 3/4" aggregate</u>		
02- 15	Foundations in column bases and footings 10" thick footings	18	CY
02- 16	Ground beams under floor slabs section area not exceeding 96 sq in	2	CY
02- 17	Columns sectional area between 64 and 160 square inches	1	CY
02- 18	5" thick floor slab	15	CY
	<u>LABOURS ON CONCRETE OF ANY DESCRIPTION</u>		
02- 19	Treating surfaces of unset concrete trowelling and tamping	111	SY
	To Collection		
			\$ 0.00

	<u>REINFORCEMENT</u>			
	<u>Bars; high yield steel; BS 4449</u>			
02- 20	Generally; various diameters in beds, ground beams and columns	1 824	Lb	
	<u>Fabric; BS 4483</u>			
02- 21	in beds	111	SY	
	<u>FORMWORK TO REINFORCED IN-SITU CONCRETE</u>			
	<u>Formwork; generally</u>			
02- 22	ground beams	98.0	SY	
02- 23	columns	36.0	SY	
02- 24	Edges, sides or risers foundation footing or the like; 10" wide	98.3	LY	
02- 25	floor slab or the like; 5" wide	81.0	LY	
02- 26	edge of ground beams or the like; 5" wide	84.0	LY	
	<u>SUNDRIES</u>			
02- 27	500 gauge polythene sheet; 12" lapped joints over 12" wide; horizontal; on floors or the like	106.0	SY	
	BRICKWORK AND BLOCKWORK			
	<u>BLOCKWORK</u>			
	<u>Hollow concrete blocks; load bearing; in cement lime mortar (1:1 1/4:3)</u>			
02- 28	8" thick walls or partitions; filling cores solid with grout mix 1:3:2 - 5/16" pea gravel aggregate; tamping	786	SF	
	<u>REINFORCEMENT</u>			
	<u>Bars; high yield steel; BS4449</u>			
02- 29	brick reinforcement in blockwalls; horizontal	129	LY	
02- 30	1/2" steel in blockwalls; vertical	700	Lb	
	To Collection			\$

<u>ELEMENT NR. 3</u> <u>STRUCTURE</u>			<u>STRUCTURE</u>
CONCRETE WORK			
<u>IN-SITU CONCRETE; REINFORCED</u>			
<u>Normal; mix 4000 psi at 28 days - 3/4" aggregate</u>			
Capping beams; horizontal or sloping not exceeding 15 degrees from horizontal			
03- 1	sectional area over 100 not exceeding 200 square inches	15.0	CY
Stairs; horizontal or sloping exceeding 15 degrees from horizontal			
03- 2	sectional area over 48 not exceeding 144 square inches	8.0	CY
Columns; vertical or sloping over 15 degrees from horizontal			
03- 3	sectional area over 144 square inches	6.5	CY
<u>REINFORCEMENT (ALL PROVISIONAL)</u>			
<u>High yield steel bars; BS 4449</u>			
Generally; various diameters			
03- 4	in beams, columns, staircases or the like	5,916.00	Lb.
03- 5	in links or the like	1,722.00	Lb
<u>FORMWORK TO REINFORCED IN-SITU CONCRETE</u>			
<u>Formwork; generally</u>			
Upper surfaces; sloping over 15 degrees from horizontal			
03- 6			
03- 7	capping beams or the like	183.00	SY
Sides; vertical or battering			
03- 8	columns or the like	95.0	SY
		To Collection	
			\$

03- 9

PROTECTION

Allow for protecting the work in this Element

To Collection

Item

STRUCTURE

\$

COLLECTION

Page Nr.

" "

3- 23

3- 24

TO SUMMARY

\$

<u>ELEMENT NR. 4</u> <u>SUSPENDED FLOORS</u>				<u>UPP. FLOORS</u>
CONCRETE WORK				
<u>IN-SITU CONCRETE; REINFORCED</u>				
<u>Normal; mix 4000 psi at 28 days - 3/4" aggregate</u>				
Suspended floors or the like; horizontal				
04- 1	6" thick	17.0	CY	
<u>LABOURS ON CONCRETE OF ANY DESCRIPTION</u>				
Treating surfaces of unset concrete				
04- 2	tamping		SY	
<u>REINFORCEMENT (PROVISIONAL)</u>				
<u>High yield steel bars; BS 4449</u>				
Generally; various diameters				
04- 3	in suspended floors or the like	2,003.0	Lb	
<u>FORMWORK TO REINFORCED IN-SITU CONCRETE</u>				
<u>Formwork; generally</u>				
Soffits; horizontal				
04- 4	floors or the like	80.0	SY	
Edges, sides or risers				
04- 5	suspended floors or the like; 6" wide	94.0	LY	
<u>PROTECTION</u>				
04- 6	Allow for protecting the work in this Element		Item	
			TO SUMMARY	\$

<u>ELEMENT NR. 5</u> <u>WALLS AND PARTITIONS</u>					<u>WALLS</u>
BRICKWORK AND BLOCKWORK					
<u>BLOCKWORK</u>					
<u>Hollow concrete blocks; in cement mortar (1:4)</u>					
6" thick					
05- 1	walls or partitions including horizontal and vertical reinforcement in accordance with the drawings	4.00	SY		
8" thick					
05- 2	walls or partitions including horizontal and vertical reinforcement in accordance with the drawings	256.00	SY		
05- 3	Extra; filling cores with grout mix 1:3:2 - 5/16" pea gravel aggregate; tamping	256.00	SY		
<u>PROTECTION</u>					
05- 4	Allow for protecting the work in this Element	Item			
		To Collection			\$

<u>COLLECTION</u>					
Page Nr.			5- 26		
		TO SUMMARY			\$

ELEMENT NR. 6
WINDOWS

METAL WORK

WINDOWS

Window types; as per specifications

06- 1	type W1; to suit structural opening 3' 0" wide x 5' 0" high	6	Nr.
06- 2	type W2; to suit structural opening 1' 6" wide x 5' 0" high	6	Nr.
06- 3	type w3; to suit structural opening 2' 0" x 5' 0" high	7	Nr
	(Optional)		
06- 4	type w4; double 1' 10" x 5' 0" windows to suit structural opening 3' 8" x 5' 0" high	31	Nr

PROTECTION

06- 5	Allow for protecting the work in this Element		Item
-------	---	--	------

COLLECTION

Page Nr.

6- 27

TO SUMMARY

WINDOWS

\$

\$

ELEMENT NR. 7

DOORS

JOINERY

GENERAL JOINERY

Doors; as Architect's drawing

07- 1	6 Panel exterior - 3'-0" x 6'-8" x 1 1/2" thick including door frames, architraves, pluggins, 3 pairs of butt hinges;	6	Nr.
07- 2	6 Panel interior - 3'-0" x 6'-8" x 1 1/2" thick including door frames, architraves, pluggins, 3 pairs of butt hinges;	9	Nr.
07- 3	Flush panel interior - 3'-0" x 6'-8" x 1 1/2" thick including door frames, architraves, pluggins, 3 pairs of butt hinges;	4	Nr.
07- 4	Flush panel interior - 2'-0" x 6'-8" x 1 1/2" thick including door frames, architraves, pluggins, 3 pairs of butt hinges;	1	Nr.
07- 5	Laminate ply - 2'-6" x 4'-10" x 3/4" thick including door frames, architraves, pluggins, 2 pairs of butt hinges;	2	Nr.
07- 6	Flush panel double hinge exterior - 3'-0" x 6'-8" including door frames, architraves, pluggins, 3 pairs of butt hinges;	3	Nr.

IRONMONGERY

Schlage fittings; satin chrome finish

To hardwood or metal

07- 7	locks; Entry Door Knob & Single Cylinder Deadbol	9	Nr.
07- 8	locks; privacy lock	7	Nr.

Fittings

To hardwood or metal; fixing with screws

07- 10	kick down holder	6	Nr.
07- 11	Floor stop & manual door holder	8	Nr.

To Collection

\$

DOORS

DOORS

	PAINTING AND DECORATING	
	<u>ONE COAT PRIMER</u>	
	<u>Wood surfaces; internal; before fixing</u>	
	Frames or the like	
07- 12	over 6" not exceeding 9" girth	Item
	<u>ONE COAT PRIMER; TWO COATS ENAMEL PAINT; GLOSS FINISH</u>	
	<u>Wood surfaces; internal</u>	
	Frames or the like	
07- 13	over 12" girth	Item
	<u>Metal surfaces; internal</u>	
	Frames or the like	
07- 14	over 6" not exceeding 9" girth	Item
	General surfaces	
07- 15	over 12" girth	Item
	<u>Metal surfaces; external</u>	
	Frames or the like	
07- 16	over 6" not exceeding 9" girth	Item
	General surfaces	
07- 17	over 12" girth	Item
	<u>ONE COAT CLEAR PRESERVATIVE</u>	
	<u>Wood surfaces; internal; before fixing</u>	
	Frames or the like	
07- 18	over 9" not exceeding 12" girth	Item
	<u>ONE COAT CLEAR PRESERVATIVE; TWO COATS POLYURETHANE VARNISH; SATIN FINISH</u>	
	<u>Wood surfaces; internal</u>	
	Frames or the like	
07- 19	over 12" girth	Item

To Collection

\$

			<u>DOORS</u>
	<u>PROVISIONAL SUMS</u>		
07- 20	Provide the following sums for work or costs which cannot be entirely foreseen or detailed		1,000.00
	<u>PROTECTION</u>		
07- 21	Allow for protecting the work in this Element	Item	
		To Collection	\$
			<u>DOORS</u>
	<u>COLLECTION</u>		
	Page Nr.	7- 28	
	" "	7- 29	
	" "	7- 30	
		TO SUMMARY	\$

ELEMENT NR. 8
FLOOR FINISHINGS

FINISHINGS

IN-SITU FINISHINGS

Mortar; cement and sand (1:3); steel trowelled

1 1/2" work to floors; level; to concrete base

08- 1

generally

1 029

SF

TILE, SLAB OR BLOCK FINISHINGS

ceramic tile; bedding in thinset and grouting with
coloured tile grout, joints to be 1/8"

08- 2

18 x 18 ceramic tiles straight both ways

1029.0

SQ FT

08- 3

mosiac tiles - shower

61.0

SQ FT

JOINERY

08- 4

4" wooden baseboard

180.0

LF

PROTECTION

Allow for protecting floor finishings or pavings

08- 5

Allow for protecting the other work in this Element

Item

TO SUMMARY

\$

FLOOR FIN.

<u>ELEMENT NR. 9</u> <u>WALL FINISHINGS</u>			<u>WALL FIN.</u>
CONCRETE WORK			
<u>SUNDRIES</u>			
Hacking concrete to form key for			
09- 1	in-situ finishings	Item	
FINISHINGS			
<u>IN-SITU FINISHINGS</u>			
<u>Render; cement and sand (1:4); steel trowelled</u>			
1/2" one coat work to walls; to concrete or blockwork base			
09- 2	generally	5 022	SF
1/2" one coat work to sides of isolated columns; to concrete base, to column edges, beam projections			
09- 3	generally	1 024	SF
 <u>TILE, SLAB OR BLOCK FINISHINGS</u>			
<u>Ceramic tiles; glazed bedding in tile cement and grouting with white tile grout</u>			
8" x 8"; 1/8" joints straight both ways; to walls; to cement and sand base			
09- 4	generally	1231.0	SF
09- 5	over 3" not exceeding 9" wide	247	LF
To Collection			\$

			<u>WALL FIN.</u>
PAINTING AND DECORATING			
<u>ONE COAT PRIMER; TWO COATS EMULSION PAINT; LOW SHEEN FINISH</u>			
<u>Cement render surfaces; internal</u>			
	Walls		
09- 6	over 12" girth	8 663	SF
<u>Cement render surfaces; external</u>			
	Walls		
09- 7	over 12" girth	5 372	SF
<u>PROTECTION</u>			
09- 8	Allow for protecting the work in this Element	Item	
To Collection			\$
 <u>COLLECTION</u>			
	Page Nr.	9- 32	
	" "	9- 33	
TO SUMMARY			\$

<u>ELEMENT NR. 10</u> <u>CEILING FINISHINGS</u>			<u>CEILINGS</u>
MASONRY			
<u>IN-SITU FINISHINGS</u>			
<u>Render; cement and sand (1:4); steel trowelled</u>			
10- 1	1/2" one coat work to concrete ceilings generally	638	SF
10- 2	1/2" thick gypsum board for ceilings with framing spaced not more than 24 in. on centre with surface suitable to receive water-based decoration.	1 491	SF
PAINTING AND DECORATING			
<u>ONE COAT CLEAR PRESERVATIVE; TWO COATS POLYURETHANE VARNISH; SATIN FINISH</u>			
<u>Wood surfaces; internal; before fixing</u>			
10- 3	Ceilings - Tongue & groove	3 293	SF
<u>ONE COAT PRIMER; TWO COATS EMULSION PAINT; LOW SHEEN FINISH</u>			
<u>Cement render surfaces; external</u>			
10- 4	Ceilings over 12" girth	638	SF
To Collection			\$

ELEMENT NR. 11
ROOF

ROOF

ROOFING

Provide all materials, labor, equipment to perform all operations required to install timber roof with metal roof cover. The contractor will be responsible for providing and furnishing all lifts, scaffolding, elevated platforms, ladders, etc., needed to perform the work and access all areas of the roof.

CARPENTRY

STRUCTURAL TIMBERS

Pitch pine; structural grade 1; wolmanised

11- 1	Wall Plate 5" x 5"	290.0	LF
11- 2	Ridge 3" x 10"	80.0	LF
11- 3	Hip Rafters 3" x 6"	168.0	LF
11- 4	Valley Rafters 3" x 6"	78.0	LF
11- 5	Joist Rafters 3" x 6"		LF
11- 6	Joist 3" x 5"	351.0	LF
11- 7	Common Rafters 3" x 5"	612.0	LF
11- 8	Purlin	1,394.0	LF

To Collection

\$

ROOF

JOINERY

BOARDING

11- 9	<u>Plywood; exterior grade; pressured treated</u> 5/8" thick T1-11	3,293.0	SF
11- 10	Fascia boards; butt joints ex 2" x 8"	578.0	LF
11- 11	Eave Molding	578.0	LF
11- 12	Batt Proof	1,262.0	LF

SUNDRIES

11- 13	Tar paper (felt) bituminous leak barrier	3,375.0	SF
11- 14	Valley Flashing	82.0	SF
11- 15	Screws	2,500.0	Nr

CORRUGATED METAL ROOFING PANELS & ACCESSORIES

Corrugated Roofing

11- 16	Corrugated Roofing (22 guage)	3,375.0	SF
11- 17	Capping	248.0	LF
11- 18	Eave drip	261.0	LF

To Collection

\$

ROOF

PAINTING AND DECORATING

ONE COAT PRIMER; TWO COATS ENAMEL
PAINT; GLOSS FINISH

Wood surfaces; internal
Plywood; exterior grade; pressured treated

11- 19 1"x6" Tongue & Groove 3,375.0 SF

Structural Timber

11- 20 Rafters, Ridge, Hips, etc. Item

Wood surfaces; external
Eaves soffits and fascia boards
over 12" girth

11- 21 Item

PROTECTION

11- 22 Allow for protecting the work in this Element Item

COLLECTION

Page Nr 11- 35

" " 11- 36

" " 11- 37

TO SUMMARY

\$

			<u>FITTINGS</u>
<u>ELEMENT NR. 12</u>			
<u>FITTINGS AND SUNDRIES</u>			
GLAZING			
<u>MIRRORS</u>			
Mirror is installed with mirror clips			
12- 1	1' 4" x 2' 6"	8	Nr
MISCELLANEOUS ITEMS			
<u>WASHROOM ACCESSORIES</u>			
<u>Miscellaneous fittings; surface mounted</u>			
To blockwork; fixing with screws; plugging			
12- 2	Regular single roll toilet tissue holder	8	Nr
12- 3	Soap dish	4	Nr
12- 4	Liquid soap dispenser	6	Nr
12- 7	Surface mounted 4" deep ADA hand dryers	2	Nr
12- 8	Waste receptacle - Self-closing panel covers receptacle opening. 4 gal. stainless steel waste receptacle.	4	Nr
12- 9	Heavy-duty shower curtain rod	4	Nr
12- 10	Electric tankless hot water heater	1	Nr
12- 11	36"x36" grab bars	4	Nr
12- 12	24"x36" corner grab bars	2	Nr
12- 13	Hand paper towel dispenser	4	Nr
<u>PROVISIONAL SUMS</u>			
Provide the following sums for work or costs which cannot be entirely foreseen, defined or detailed			
12- 14	shelving		Item 3,000.00
<u>PROTECTION</u>			
12- 15	Allow for protecting the work in this Element		Item
To Collection			\$

COLLECTION

Page Nr.

12- 38

TO SUMMARY

\$

ELEMENT NR. 13
PLUMBING INSTALLATION

INSTALLATION

Generally

The Contractor is to allow here for the cost of the Cold Water and Soil, Waste & Ventilation Installations in their entirety (including incoming pipework from water main) strictly in accordance with the Technical Specifications and drawings

13- 1

Item

Note:- drainage pipework outside the building measured in Drainage Element

Sanitaryware

Provide and install the following sanitaryware (including wastes/traps etc.):-

13- 2	American Standard w.c. suites; Colony 16-1/2" height 1.6 GPF Flushometer toilet system	6	Nr.
13- 3	ADA compliant w.c. suites;	6	Nr.
13- 4	American Standard square vanity basin	6	Nr.
13- 5	ADA square vanity basin	2	Nr.
13- 6	Lavatory Faucets		Nr.
13- 7	Pressure Balance Bath/Shower Fitting	4	Nr.
13- 8	Hose bibs	2	Nr
13- 9	Floor drains	4	Nr

To Collection

\$

PLUMBING

PLUMBING

SUNDRIES

13- 10	Allow for marking the position of all holes, mortices, chases, sinkings, notches and the like in the structure for the whole of the foregoing installations	Item
13- 11	Allow for testing the whole of the foregoing installations for water-tightness, water pressure and performance	Item
13- 12	Allow for sterilising the cold water installation	Item
13- 13	Allow for as installed, record drawings and maintenance manuals for the whole of the foregoing installations	Item

BUILDERS WORK

Allow for all necessary builder's work including providing sleeves, cutting away or leaving holes, mortices, chases, sinkings, notches and the like in the structure and make good all finishings in all trades for the following fittings and associated pipework and fittings

13- 14	w.c. suites	4	Nr
13- 15	wash basins / lavatories	4	Nr
13- 16	kitchen sink & bar sinks	4	Nr.
13- 17	showers	4	Nr
13- 18	hose bibs	2	Nr
13- 19	water heaters	4	Nr
13- 20	floor drains	4	Nr
13- 21	LPG gas connection	4	Nr

PROTECTION

13- 22	Allow for protecting the work in this Element	Item
--------	---	------

To Collection

\$

PLUMBING

COLLECTION

Page Nr.

13- 40

" "

13- 41

TO SUMMARY

\$

<u>ELEMENT NR. 14</u> <u>ELECTRICAL INSTALLATION</u>				<u>ELECTRICAL</u>
	<u>INSTALLATION</u>			
	<u>Generally</u>			
14- 1	The Contractor is to allow here for the cost of the Electrical Installation in its entirety (including incoming power/telephone and transformer) to be executed by a Specialist Sub-contractor strictly in accordance with Technical Specifications and drawings	Item		
	Name of proposed Sub-contractor			

	(breakdown to be submitted with tender)			
14- 2	General attendance	Item		
	Special attendance			
14- 3	providing power for hand tools and testing	Item		
14- 4	<u>TRANSFORMER INSTALLATION COMPLETE</u>	Item		
14- 5	<u>EARTHING SYSTEM</u>	Item		
14- 6	<u>MAINS POWER DISTRIBUTION</u>			
14- 7	a) Panel Board "A" complete	Item		
14- 8	b) Panel Board "B" complete	Item		
14- 9	Cabling	Item		
14- 10	Wireways	Item		
	<u>LIGHTING AND POWER</u>			
14- 11	Outlets	45	Nr	
14- 12	Switches	31	Nr	
14- 13	Cables	Item		
		To Collection		\$

<u>Fixtures (as per Electrical dwgs)</u>			<u>ELECTRICAL</u>
14- 15	Lithonia Lighting - 4 feet, Model #LB 2 32 MVOLT MVI	22	Nr
14- 16	Lithonia Lighting - 2 feet, Model #LB 2 32 MVOLT MVI	2	Nr
14- 17	Progress Lighting - P710071-159-30	5	Nr
14- 18	Progress Lighting - P6827-3030K	7	Nr
14- 19	Progress Lighting - P5642-82/30K	4	Nr
14- 20	Progress Lighting - P710071-159-30	7	Nr
14- 21	Progress Lighting - P3713-09	1	Nr
14- 22	Lithonia Lighting - FML4W 48 5000LM 840 ZT MVOLT	25	Nr
14- 23	Lithonia Lighting - FMVCCL 24IN MVOLT 30K 90CRI B	2	Nr
14- 24	Lithonia Lighting - P6104-09 and P9105-09	7	Nr
14- 25	Ceiling Fans	9	Nr
To Collection			\$

				<u>ELECTRICAL</u>
14- 26	110 volt outlet points	21	Nr	
14- 27	220 volt outlet points	12	Nr	
14- 28	Telephone Outlet	Item		
14- 29	Cable TV Outlets	Item		
14- 30	Transformer Point	Item		
14- 31	Panel Boards	Item		
14- 32	<u>TELEPHONE SYSTEMS</u>			
14- 33	a) Telephone outlets	Item		
14- 34	b) Cabling Installation Cost	Item		
	<u>SUNDRIES</u>			
	Allow for marking the position of all holes, mortices, chases, sinkings, notches and the like in the structure for the whole of the foregoing installation	Item		
14- 35				
	Allow for testing the whole of the foregoing installations	Item		
14- 36				
	Allow for as installed, record drawings and maintenance manuals for the whole of the foregoing installation	Item		
14- 37				
	<u>BUILDERS WORK (ALL PROVISIONAL)</u>			
	Cutting away and making good for concealed conduits, switches and outlets to all electrical devices as per the electrical drawings	Item		
14- 38				
	<u>PROVISIONAL SUMS</u>			
14- 39	Provide the following sums for work or costs which cannot be entirely foreseen or detailed			
	additional builder's work in connection with Electrical Installation			
14- 40				3,500.00
To Collection				\$

14- 41

PROTECTION

Allow for protecting the work in this Element

COLLECTION

Page Nr.

" "

" "

Item

14- 43

14- 44

14- 45

ELECTRICAL

TO SUMMARY

\$

ELEMENT NR. 15
DRAINAGE (ALL PROVISIONAL)

FOUL DRAINAGE

EXCAVATING TRENCHES IN COMPACTED
FILLING TO RECEIVE PIPES

Not exceeding 6" internal diameter; filling above beds and surrounds with naturally occurring sand; disposing of surplus spoil off site

15- 1 Starting from surface level; not exceeding 5' 0" total depth; average depth Item

15- 2 Keeping excavations free from general water Item

HARDCORE OR THE LIKE

Sand

15- 3 Beds and surrounds 1' 6" x 1' 6" to one 4" internal diameter pipe Item

PIPEWORK

uPVC pipes and fittings; BS 4660

Pipes; couplers in the running length

15- 4 4" internal diameter Item

15- 5 Extra; bends

15- 6 Extra; clean-outs Item

MANHOLES, SEPTIC TANKS AND SOAK PITS

Manholes

Manholes; as per drawing P1-01 including all necessary excavation in filling, trimming sides levelling and compacting bottom, blinding, backfilling, disposing of surplus spoil off site and keeping excavation free from general water

15- 7 2' 0" x 2' 0" x 2' 6" deep internally 3 Nr.

To Collection

\$

DRAINAGE

<u>PROVISIONAL</u>			<u>DRAINAGE</u>
	<u>Septic Tanks</u>		
	Septic tanks; as per plumbing drawing ; including all necessary excavation in filling, trimming sides levelling and compacting bottom, blinding, backfilling disposing of surplus spoil off site and keeping excavation free from general water		
15- 8	precast concrete covers	1	Nr.
	<u>Soak Pits</u>		
	Soak pits; as plumbing drawing ; including all necessary excavation in compacted filling, trimming sides, boulder fill, backfilling, disposing of surplus spoil off site and keeping excavation free from general water		
15- 9	allow 20' 0" depth of excavation from base level depth (to be determined on site)	1	Nr
	<u>TESTING</u>		
15- 10	Allow for testing foul drains as the work proceeds and on completion by water	Item	
	<u>PROTECTION</u>		
15- 11	Allow for protecting the work in this Element		
		To Collection	\$
	<u>COLLECTION</u>		
	Page Nr	15- 46	
	" "	15- 47	
		TO SUMMARY	\$

<u>ELEMENT NR. 16</u> <u>EXTERNAL WORKS (ALL PROVISIONAL)</u>			<u>EXT. WORKS</u>
SITE PREPARATION			
<u>SITE PREPARATION</u>			
<u>Generally</u>			
	Clearing site; grubbing up roots		
16- 1	bushes, scrub, undergrowth or the like; small trees	Item	
EXTERNAL SERVICES; WATER			
<u>EXCAVATING TRENCHES IN COMPACTED</u> <u>FILLING TO RECEIVE PIPES</u>			
<u>Not exceeding 2" internal diameter; filling above</u> <u>beds and surrounds with naturally occurring sand;</u> <u>disposing of surplus spoil off site</u>			
	Starting from surface level; not exceeding 5' 0" total depth; average depth		
16- 2	3' 0"	Item	
<u>DISPOSAL OF WATER</u>			
	Keeping excavations free from		
16- 3	general water		
<u>HARDCORE OR THE LIKE</u>			
<u>Sand</u>			
	Beds and surrounds		
16- 4	1' 4" x 1' 4" to one 3/4" internal diameter pipe	Item	
To Collection			\$

			<u>EXT. WORKS</u>
EXTERNAL SERVICES; ELECTRICAL & TELEPHONE			
<u>EXCAVATING TRENCHES IN COMPACTED FILLING TO RECEIVE DUCTS</u>			
<u>Not exceeding 4" internal diameter; filling above beds and surrounds with naturally occurring sand; disposing of surplus spoil off site</u>			
Starting from surface level; not exceeding 5' 0" total depth; average depth			
16- 5	2' 6"	Item	
<u>DISPOSAL OF WATER</u>			
Keeping excavations free from			
16- 6	general water	Item	
<u>HARDCORE OR THE LIKE</u>			
<u>Sand</u>			
Beds and surrounds			
16- 7	1' 4" x 1' 4" to 4" internal diameter duct	Item	
<u>ACCESSORIES</u>			
Clay cable-covers			
16- 8	12" x 12" x 5/8" thick	Item	
Caution tape			
16- 9	placing in position	Item	
<u>PROVISIONAL SUMS</u>			
Provide the following sums for work or costs which cannot be entirely foreseen or detailed			
16- 10	retaining walls		20,000.00
16- 11	landscaping	Item	10,000.00
To Collection			\$

EXT. WORKS

16- 12

PROTECTION
Drains

16- 13

Allow for protecting the work in this Element

Item

To Collection

\$

COLLECTION

Page Nr

16- 48

" "

16- 49

" "

16- 50

TO SUMMARY

\$

ELEMENT NR. 17
BASEMENT DEMOLITION/REMOVAL

Existing Superstructure

Walls & Partitions
demolition; as per drawing

Stockpile hardcore debris and dispose of appropriately
 Store and stock materials to be reused accordingly
 Prop and shore structural components where
 necessary to carefully carryout demolition
 Careful not to damage any area, fixtures
 or the like; not identified to be demolished

17- 1	Carefully demolish existing 8" masonry walls as indicated on drawings	381	SF
-------	--	-----	----

Built-Ins & Fixtures

17- 2	Carefully remove existing ceiling boards	8	Nr
-------	--	---	----

Existing Miscellaneous Items

17- 3	Cut and remove sink, sink traps & drain pipes, cap and terminate PVC pipes inside masonry walls		Item
-------	--	--	------

Existing Windows & Doors

17- 4	Remove existing doors, door frames and hardware from masonry walls, stock pile debris for later disposal.	4	Nr
-------	--	---	----

17- 5	Remove existing windows and frames from masonry walls, stock pile debris for later disposal.	11	Nr
-------	---	----	----

To Collection

\$

COLLECTION

Page Nr.

17- 51

TO SUMMARY

\$

<u>ELEMENT NR. 18</u>			<u>SUBSTRUC.</u>
<u>BASEMENT SUBSTRUCTURE (ALL PROVISIONAL)</u>			
EXCAVATION AND EARTHWORK			
<u>EXCAVATION</u>			
<u>Excavating</u>			
Trenches or the like; starting from reduced level to include any required planking and strutting as			
18- 1	not exceeding 3' 0" deep	63.0	CY
<u>Disposal</u>			
Surplus excavated material			
18- 2	removing from site	63.0	CY
<u>Surface treatments</u>			
Bottoms of excavations			
18- 3	levelling; compacting	567.0	SF
<u>HARDCORE OR THE LIKE</u>			
<u>Sand</u>			
Beds			
18- 4	2" thick; levelling and compacting	567.0	SF
		To Collection	
			\$

			<u>SUBSTRUC.</u>
<u>Harcove; Gravel</u>			
Beds and surrounds			
18- 5	3" thick; levelling and compacting	63.0	LF
<u>TERMITE TREATMENT</u>			
18- 6	Allow for termite treatment to bottoms of foundations trenches	63.0	SY
18- 7	Allow for termite treatment in and around existing building	208.0	SY
CONCRETE WORK			
<u>IN-SITU CONCRETE; PLAIN</u>			
<u>Normal; mix 1:3:6 - 3/4" aggregate</u>			
18- 8	Bottom of trenches 2" thick	63	SY
<u>IN-SITU CONCRETE; REINFORCED</u>			
<u>Normal; mix 4000 psi at 28 days - 3/4" aggregate</u>			
18- 9	5" thick floor slab	10	CY
<u>LABOURS ON CONCRETE OF ANY DESCRIPTION</u>			
18- 10	Treating surfaces of unset concrete trowelling and tamping	63	SY
		To Collection	\$

	<u>REINFORCEMENT</u>			
	<u>Fabric; BS 4483</u>			
18- 11	in beds	63	SY	
	<u>FORMWORK TO REINFORCED IN-SITU CONCRETE</u>			
	<u>Formwork; generally</u>			
18- 12	floor slab or the like; 5" wide	81.0	LY	
	<u>SUNDRIES</u>			
18- 13	500 gauge polythene sheet; 12" lapped joints over 12" wide; horizontal; on floors or the like	63.0	SY	
	<u>FINISHINGS</u>			
	<u>PROVISIONAL SUMS</u>			
18- 14	Provide the following sums for work or costs which cannot be entirely foreseen or detailed Foundations	Sum		2,000.00
	<u>PROTECTION</u>			
18- 15	Allow for protecting the work in this Element	Item		
		To Collection		\$

<u>COLLECTION</u>	18- 52	<u>SUBSTRUC.</u>
Page Nr		
" "	18- 53	
" "	18- 54	
	TO SUMMARY	\$

ELEMENT NR. 19
BASEMENT WALLS AND PARTITIONS

WALLS

STUD PARTITIONS

DRYWALL

Stud wall partitions with gypsum board on both sides

5" thick

19- 1

walls or partitions including horizontal and vertical
wood/metal studs in accordance with the drawings

596.0

SF

PROTECTION

19- 2

Allow for protecting the work in this Element

Item

To Collection

\$

COLLECTION

Page Nr.

19- 56

TO SUMMARY

\$

ELEMENT NR. 20
BASEMENT WINDOWS

METAL WORK

WINDOWS

Aluminium; factory applied white baked enamel
paint finish; as per drawing

Windows; In accordance with specifications;
See windows specifications;

20- 1 type W1; to suit structural opening 3' 0" wide x
 5' 0" high

5

Nr.

PROTECTION

20- 2 Allow for protecting the work in this Element

Item

To Collection

\$

COLLECTION

Page Nr.

20- 57

TO SUMMARY

\$

<u>ELEMENT NR. 21</u> <u>BASEMENT DOORS</u>			<u>DOORS</u>
JOINERY			
<u>GENERAL JOINERY</u>			
Doors; as Architect's drawing			
21- 1	6 Panel exterior - 3'-0" x 6'-8" x 1 1/2" thick including door frames, architraves, pluggins, 3 pairs of butt hinges;	6	Nr.
<u>IRONMONGERY</u>			
<u>Schlage fittings; satin chrome finish</u>			
To hardwood or metal			
21- 2	locks; Entry Door Knob & Single Cylinder Deadbol	3	Nr.
21- 3	locks; privacy lock	3	Nr.
PAINTING AND DECORATING			
<u>ONE COAT PRIMER</u>			
<u>Wood surfaces; internal; before fixing</u>			
Frames or the like			
21- 4	over 6" not exceeding 9" girth		Item
To Collection			\$

			<u>DOORS</u>
	<u>ONE COAT PRIMER; TWO COATS ENAMEL PAINT; GLOSS FINISH</u>		
	<u>Wood surfaces; internal</u>		
	Frames or the like		
21- 5	over 12" girth	Item	
	<u>Metal surfaces; internal</u>		
	Frames or the like		
21- 6	over 6" not exceeding 9" girth	Item	
	General surfaces		
21- 7	over 12" girth	Item	
	<u>Metal surfaces; external</u>		
	Frames or the like		
21- 8	over 6" not exceeding 9" girth	Item	
	General surfaces		
21- 9	over 12" girth	Item	
	<u>ONE COAT CLEAR PRESERVATIVE</u>		
	<u>Wood surfaces; internal; before fixing</u>		
	Frames or the like		
21- 8	over 9" not exceeding 12" girth	Item	
	<u>ONE COAT CLEAR PRESERVATIVE; TWO COATS POLYURETHANE VARNISH; SATIN FINISH</u>		
	<u>Wood surfaces; internal</u>		
	Frames or the like		
21- 9	over 12" girth	Item	
	To Collection		\$

			<u>DOORS</u>
	<u>PROVISIONAL SUMS</u>		
21- 10	Provide the following sums for work or costs which cannot be entirely foreseen or detailed		1,000.00
	<u>PROTECTION</u>		
21- 11	Allow for protecting the work in this Element	Item	
		To Collection	\$
			<u>DOORS</u>
	<u>COLLECTION</u>		
	Page Nr.	21- 58	
	" "	21- 59	
	" "	21- 60	
		TO SUMMARY	\$

<u>ELEMENT NR. 22</u> <u>BASEMENT FLOOR FINISHINGS</u>			<u>FLOOR FIN.</u>
FINISHINGS			
<u>IN-SITU FINISHINGS</u>			
<u>Mortar; cement and sand (1:3); steel trowelled</u>			
1 1/2" work to floors; level; to concrete base			
22- 1	generally	1 538	SF
<u>TILE, SLAB OR BLOCK FINISHINGS</u>			
<u>ceramic tile; bedding in thinset and grouting with coloured tile grout, joints to be 1/8"</u>			
08- 2	18 x 18 BX01 ceramic tiles straight both ways	1527.0	SQ FT
<u>JOINERY</u>			
08- 3	4" wooden baseboard	304.0	LF
<u>PROTECTION</u>			
Allow for protecting floor finishings or pavings			
22- 4	Allow for protecting the other work in this Element		Item
TO SUMMARY			\$

ELEMENT NR. 23
BASEMENT WALL FINISHINGS

FINISHINGS
IN-SITU FINISHINGS

Plaster; Joint compound; steel trowelled

finish coat work to drywalls; to fix joints or surface

23- 1	generally	1 190	SF
-------	-----------	-------	----

TILE, SLAB OR BLOCK FINISHINGS

Ceramic tiles; glazed bedding in tile cement and
grouting with white tile grout

6" x 6"; 1/8" joints straight both ways; to walls;
to cement and sand base

23- 2	generally	25.0	SF
-------	-----------	------	----

23- 3	over 3" not exceeding 9" wide	17	LF
-------	-------------------------------	----	----

PAINTING AND DECORATING

ONE COAT PRIMER; TWO COATS EMULSION
PAINT; LOW SHEEN FINISH

Cement render surfaces; Gypsum board; internal

Walls & Partitions

23- 4	over 12" girth	2 746	SF
-------	----------------	-------	----

PROTECTION

23- 5	Allow for protecting the work in this Element	Item	
-------	---	------	--

To Collection

\$

COLLECTION

Page Nr.

23- 63

TO SUMMARY

\$

WALL FIN.

<u>ELEMENT NR. 24</u> <u>BASEMENT CEILING FINISHINGS</u>			<u>CEILINGS</u>
CARPENTRY			
<u>FILLETS, GROUNDS, BATTENS OR BRACKETING</u>			
<u>Plywood; Gypsum board</u>			
Ceiling framework			
24- 1	ex 3" x 2" members at 2' 0" centres both ways	1 469	SF
<u>SUNDRIES</u>			
Plugging			
24- 2	1' 6" centres	1	Item
JOINERY			
<u>GENERAL JOINERY</u>			
<u>Plywood; Gypsum board</u>			
boarding; finished for painting one side,			
24- 3	1/2" thick (OPTIONAL ITEM)	1	Item
		To Collection	\$

CEILINGS

FINISHINGS

IN-SITU FINISHINGS

24- 4	generally (OPTIONAL ITEM)	1	Item
	Edge trim (OPTIONAL ITEM)		

PAINTING AND DECORATING

ONE COAT PRIMER; TWO COATS EMULSION
PAINT; LOW SHEEN FINISH

	Ceilings		
24- 5	over 12" girth	1 469	SF
	Projections on ceilings		
24- 6	over 9" not exceeding 12" girth	45	LF

To Collection

\$

COLLECTION

Page Nr.

24- 63

" "

24- 64

TO SUMMARY

\$

FITTINGS

ELEMENT NR. 25
BASEMENT FITTINGS AND SUNDRIES

JOINERY

COMPOSITE ITEMS

(Note: all timber shall be wolmanised pitch pine Grade C or better unless otherwise noted; all plywood shall be treated; the term "varnishing" shall mean one coat clear preservative and two coats satin finish polyurethane varnish)

Kitchen Units

Kitchen cupboard bottom and overhead units; as Architect's drawings; timber bearers and framing; Corian top; mahogany veneered plywood panelling and shelves; mahogany doors; hardware door pulls and Unity General shelf hardware); varnishing; fixing with screws to backgrounds requiring plugging

25- 1	5' 7" Long	1	Nr
25- 2	11' 2" long x 1' 0" wide x 2' 6' high (overhead)	1	Nr

PROVISIONAL SUMS

Provide the following sums for work or costs which cannot be entirely foreseen, defined or detailed

25- 3	shelving			2,000.00
-------	----------	--	--	----------

PROTECTION

25- 4	Allow for protecting the work in this Element	Item		
-------	---	------	--	--

To Collection \$

COLLECTION

Page Nr. 25- 65

TO SUMMARY \$

ELEMENT NR. 26
BASEMENT PLUMBING INSTALLATION

PLUMBING

INSTALLATION

Generally

The Contractor is to allow here for the cost of the Cold Water and Soil, Waste & Ventilation Installations in their entirety (including incoming pipework from water main) strictly in accordance with the Technical Specifications and drawings

26- 1

Item

Note:- drainage pipework outside the building measured in Drainage Element

Sanitaryware

Provide and install the following sanitaryware (including wastes/traps etc.):-

26- 2

Kitchen sinks single bowl

1

Nr.

26- 3

Kitchen Faucets

1

Nr

26- 4

LPG gas connection and fittings

2

Nr

BUILDERS WORK

Allow for all necessary builder's work including providing sleeves, cutting away or leaving holes, mortices, chases, sinkings, notches and the like in the structure and make good all finishings in all trades for the following fittings and associated pipework and fittings

26- 5

kitchen sink & bar sinks

1

Nr.

26- 6

LPG gas connection

2

Nr

PROTECTION

26- 7

Allow for protecting the work in this Element

Item

To Collection

\$

PLUMBING

COLLECTION

Page Nr.

26- 66

TO SUMMARY

\$

<u>ELEMENT NR. 27</u> <u>BASEMENT ELECTRICAL INSTALLATION</u> <u>INSTALLATION</u> <u>Generally</u>			<u>ELECTRICAL</u>	
27- 1	The Contractor is to allow here for the cost of the Electrical Installation in its entirety (including incoming power/telephone and transformer) to be executed by a Specialist Sub-contractor strictly in accordance with Technical Specifications and drawings Name of proposed Sub-contractor (breakdown to be submitted with tender)	Item		
27- 2	General attendance	Item		
27- 3	Special attendance providing power for hand tools and testing	Item		
27- 4	<u>TRANSFORMER INSTALLATION COMPLETE</u>	Item		
27- 5	<u>EARTHING SYSTEM</u>	Item		
27- 6	<u>MAINS POWER DISTRIBUTION</u>			
27- 7	a) Panel Board "A" complete			
27- 8	b) Panel Board "B" complete	Item		
27- 9	Cabling	Item		
27- 10	Wireways	Item		
	<u>LIGHTING AND POWER</u>			
27- 11	Outlets	24	Nr	
27- 12	Switches	15	Nr	
27- 13	Cables	Item		
	<u>Fixtures (as per Electrical dwgs)</u>			
27- 14	Light Fixture	15	Nr	
27- 15	Ceiling fan fixture		Nr	
	To Collection			\$

				<u>ELECTRICAL</u>
27- 16	110 volt outlet points	12	Nr	
27- 17	220 volt outlet points	12	Nr	
27- 18	Transformer Point	Item		
27- 19	Panel Boards	Item		
<u>SUNDRIES</u>				
27- 20	Allow for marking the position of all holes, mortices, chases, sinkings, notches and the like in the structure for the whole of the foregoing installation	Item		
27- 21	Allow for testing the whole of the foregoing installations	Item		
27- 22	Allow for as installed, record drawings and maintenance manuals for the whole of the foregoing installation	Item		
<u>BUILDERS WORK (ALL PROVISIONAL)</u>				
27- 23	Cutting away and making good for concealed conduits, switches and outlets to all electrical devices as per the electrical drawings	Item		
<u>PROVISIONAL SUMS</u>				
27- 24	Provide the following sums for work or costs which cannot be entirely foreseen or detailed			
27- 25	additional builder's work in connection with Electrical Installation			3,500.00
To Collection				\$

ELECTRICAL

PROTECTION

27- 26

Allow for protecting the work in this Element

Item

COLLECTION

Page Nr.

" "

" "

27- 68

27- 69

27- 70

TO SUMMARY

⌘

<u>ELEMENT NR. 28</u> <u>CONTINGENCIES AND DAYWORKS</u>				<u>CONTING.</u>
	<u>Contingencies</u>			
28- 1	Include the Provisional Sum of \$15,000.00 for contingencies to be expended only as directed by the Architect			15,000.00
	<u>Dayworks</u>			
28- 2	Provide the following provisional number of hours of labour for dayworks as ordered by the Architect. The actual hours worked will be set off against what is here included and the difference added to or deducted from the Contract:			
	Labourer	150	Hrs	
	Mason	100	Hrs	
	Carpenter	100	Hrs	
	Plumber	50	Hrs	
	Electrician	50	Hrs	
	Painter	50	Hrs	
28- 3	Include the Provisional Sum of \$5,000.00 for Prime Cost of materials as defined in the Preambles			5,000.00
28- 4	Add for profit etc. as defined in the Preambles		%	
28- 5	Include the Provisional Sum of \$5 000.00 for Prime Cost of plant and transport as defined in the Preambles			5,000.00
28- 6	Add for profit etc. as defined in the Preambles		%	
	TO SUMMARY			\$

ELEMENT NR. 29
SUMMARY

SUMMARY

ELEMENT

29- 1	PRELIMINARIES	0- 16
29- 2	DEMOLITION	1- 18
29- 3	SUBSTRUCTURE	2- 22
29- 4	STRUCTURE	3- 24
29- 5	SUSPENDED FLOORS	4- 25
29- 6	WALLS AND PARTITIONS	5- 26
29- 7	WINDOWS	6- 27
29- 8	DOORS	7- 30
29- 9	FLOOR FINISHINGS	8- 31
29- 10	WALL FINISHINGS	9- 33
29- 11	CEILING FINISHINGS	10- 34
29- 12	ROOF	11- 37
29- 13	FITTINGS AND SUNDRIES	12- 39
29- 14	PLUMBING INSTALLATION	13- 42
29- 15	ELECTRICAL INSTALLATION	14- 45
29- 16	DRAINAGE	15- 47
29- 17	EXTERNAL WORKS	16- 50

		Carried Forward	\$
	<u>SUMMARY (Cont'd.)</u>		<u>SUMMARY</u>
29- 18	BASEMENT DEMOLITION	17- 51	
29- 19	BASEMENT SUBSTRUCTURE	18- 55	
29- 20	BASEMENT WALLS AND PARTITIONS	19- 56	
29- 21	BASEMENT WINDOWS	20- 57	
29- 22	BASEMENT DOORS	21- 60	
29- 23	BASEMENT FLOOR FINISHINGS	22- 61	
29- 24	BASEMENT WALL FINISHINGS	23- 62	
29- 25	BASEMENT CEILING FINISHES	24- 64	
29- 26	BASEMENT FITTINGS AND SUNDRIES	25- 65	
29- 27	BASEMENT PLUMBING INSTALLATION	26- 67	
29- 28	BASEMENT ELECTRICAL INSTALLATION	27- 70	
29- 29	CONTINGENCIES AND DAYWORKS	28- 71	
		Carried Forward	\$

SUMMARY (Cont'd.)

Brought Forward

SUMMARY

\$

INSURANCES

29- 30 Allow for insurance against injury to persons or property in accordance with clause 13 of the Conditions of Contract

\$

29- 31 Allow for insurance of the Works against fire etc. in accordance with Clause 13 of the Conditions of Contract

\$

PERFORMANCE BOND

29- 32 Allow for the provision of a 10% Performance Bond

MOBILIZATION GUARANTEE BOND

29- 33 Allow for the provision of a Mobilization Guarantee Bond

OVERHEADS & PROFIT ON PROVISIONAL SUMS

29- 34 The Contractor shall state below the percentage required for profit in the adjustment of Provisional Sums in accordance with the Preambles. This percentage will be taken into account in the evaluation of tenders

.....%