	SOIL STABALIZATION SMITHFIELD TRACE, SCARBOROUGH PRELIMINARIES				
A	Description of the Works The section of Smithfield Trace that connects to Mr Marie which give access to government, commercial and residencial building has delapidated due terrain soil movement.	Unit	Qty	Rate	Total
	1/1 To collection				

].	Location of the site	Unit	Qty	Rate	Total
A	The site is on Smithfield Trace, Scarborough Tobago				
В	The contractor would have to locate their own lay down area.				
С	The Contractor is not allowed to construct a temporary hoarding around the site				
D	The contractor has full access to the site for the purpose of the works and for the purpose of tendering and would not need permission from the Employer and the Project Manager; in any case access would be off the main road that runs north to south on the secondary road.				
	Drawings and other documents				
Е	This is a design build ITTP				
	1/2 To Collection				

	CONTRACT PARTICULARS	Unit	Qty	Rate	Total	
	Conditions of Contract					
A	The Conditions of Contract comprise two parts, namely:  Part I – General Conditions  Part II – Conditions of Particular Application					
В	The General Conditions of Contract shall comprise Part I – General Conditions of Contract for Construction for Building and Engineering Works (First Edition (1999) produced for Federation Internationale des Ingenieurs – Conseils (FIDIC). The full edition of the General Conditions of Contract can be inspected at the offices of the Project Manager during normal working hours.					
С	The Contractor shall allow hereunder for any costs which may result from compliance with the various clauses.					
	Schedule of Clause Headings					
D	The Clause numbers and headings area as follows. The Tenderer is advised to refer to Part II – Conditions of Particular Applications for amendment to these Clauses and for reference to additional Clauses applicable to these Works.					
	1. GENERAL PROVISIONS 1.1 Definitions 1.2 Interpretation 1.3 Communications 1.4 Law and Language 1.5 Priority of Documents 1.6 Contract Agreement 1.7 Assignment 1.8 Care and Supply of Documents 1.9 Delayed Drawings or Instructions 1.10 Employer's Use of Contractor's Documents 1.11 Contractor's Use of Employer's Documents 1.12 Confidential Details 1.13 Compliance with Laws 1.14 Joint and Several Liability  2. THE EMPLOYER 2.1 Right of Access to the Site 2.2 Permits, Licences or Approvals 2.3 Employer's Personnel 2.4 Employer's Claims					
	1/5 To Collection					

3. THE ENGINEER	Unit	Qty	Rate	Total
3.1 Engineer's Duties and Authority				
3.3 Instructions of the Engineer				
3.4 Replacement of the Engineer				
3.5 Determinations				
4. <u>THE CONTRACTOR</u>				
4.1 Contractor's General Obligations				
4.2 Performance Security				
4.3 Contractor's Representative				
4.4 Sub-contractors				
4.5 Assignment of Benefit of sub-contract				
4.6 Co-operation				
4.7 Setting Out				
4.8 Safety Procedures				
4.9 Quality Assurance				
4.10 Site Data				
4.11 Sufficiency of the Accepted Contract Amount				
<ul><li>4.12 Unforeseeable Physical Conditions</li><li>4.13 Rights of Way and Facilities</li></ul>				
4.14 Avoidance of Interference				
4.15 Access Route				
4.16 Transport of Goods				
4.17 Contractor's Equipment				
4.18 Protection of the Environment				
4.19 Electricity, Water and Gas				
4.20 Employer's Equipment and Free-Issue Material				
4.21 Progress Reports				
4.22 Security of the Site				
4.23 Contractor's Operations on Site				
4.24 Fossils				
• NOVEMBER OF BOOKER CONTROL OF BOOK				
5. NOMINATED SUB-CONTRACTORS				
5.1 Definition of "nominated Sub-contractors"				
<ul><li>5.2 Objection to Nomination</li><li>5.3 Payments to nominated Sub-contractors</li></ul>				
5.4 Evidence of Payments				
5.4 Evidence of Layments				
1/4 To Collection				

6. STAFF AND LABOUR	Unit	Qty	Rate	Total
6.1 Engagement of Staff and Labour				
6.2 Rates and Wages and Conditions of Labour				
6.3 Persons in the Service of Employer				
6.4 Labour Laws				
6.5 Working Hours				
6.6 Facilities for Staff and Health				
6.7 Health and Safety				
6.8 Contractor's Superintendence				
6.9 Contractor's Personnel				
6.10 Records of Contractor's Personnel and Equipment				
6.11 Disorderly Conduct				
7. PLANT, MATERIALS AND WORKMANSHIP				
7.1 Manner and Execution				
7.2 Samples				
7.3 Inspection				
7.4 Testing				
7.5 Rejection				
7.6 Remedial Work				
7.7 Ownership of Plant and Materials				
7.8 Royalties				
8. COMMENCEMENT, DELAYS AND SUSPENSION				
COMMENCEMENT, DELAYS AND SUSPENSION     Commencement of Works				
8.2 Time for Completion				
8.3 Programme				
8.4 Extension of Time for Completion				
8.5 Delays Caused by Authorities				
8.6 Rate of Progress				
8.7 Delay Damages				
8.8 Suspension of Work				
8.9 Consequences of Suspension				
8.10 Payment for Plant and Materials in Event of Suspension				
8.11 Prolonged Suspension				
8.12 Resumption of Work				
9. <u>TESTS ON COMPLETION</u>				
9.1 Contractor's Obligations				
9.2 Delayed Tests				
9.3 Retesting				
9.4 Failure to Pass Tests on Completion				
10 EMPLOYER'S TAKING OVER				
10.1 Taking Over of the Works and Sections				
10.2 Taking Over of Parts of the Works				
10.3 Interference with Tests on Completion				
10.4 Surfaces Requiring Reinstatement				
1/5 To Collection				

<ul><li>11. <u>DEFECTS LIABILITY</u></li><li>11.1 Completion of Outstanding Work and Remedying Defects</li></ul>	Unit	Qty 	Rate	To
11.2 Cost of Remedying Defects				
11.3 Extension of Defects Notification Period				
11.4 Failure to Remedy Defects				
11.5 Removal of Defective Work				
11.6 Further Tests				
11.7 Right of Access				
11.8 Contractor to Search				
11.9 Performance Certificate				
11.10 Unfulfilled Obligations				
11.11 Clearance of Site				
12. MEASUREMENT AND EVALUATION				
12.1 Works to be Measured				
12.2 Method of Measurement				
12.3 Evaluation				
12.4 Omissions				
13. <u>VARIATIONS AND ADJUSTMENTS</u>				
13.1 Right to Vary				
13.2 Value Engineering				
13.3 Variation Procedure				
13.4 Payment in Applicable Currencies				
13.5 Provisional Sums				
13.6 Daywork				
13.7 Adjustments for Changes in Legislation				
13.8 Adjustments for Changes in Cost				
14. CONTRACT PRICE AND PAYMENT				
14.1 The Contract Price				
14.2 Advance Payment				
14.3 Application for Interim Payment Certificates				
<ul><li>14.4 Schedule of Payments</li><li>14.5 Plant and Materials intended for the Works</li></ul>				
14.6 Issue of Interim Payment Certificates				
14.6 Issue of Interim Payment Certificates 14.7 Payment				
14.8 Delayed Payment				
14.9 Payment of Retention Money				
14.10 Statement at Completion				
14.11 Application for Final Payment Certificate				
14.12 Discharge				
14.13 Issue of Final Payment Certificate				
14.14 Cessation of Employer's Liability				
14.15 Currencies of Payment				
•				
	1	1	1	I

15. TERMINATION BY EMPLOYER 15.1 Notice to Correct	Unit	Qty I	Rate	Total
15.1 Notice to Correct 15.2 Termination by Employer				
15.3 Valuation at Date of Termination				
15.4 Payment after Termination				
15.5 Employer's Entitlement to Termination				
1 7				
16. SUSPENSION AND TERMINATION BY CONTRACTOR				
16.1 Contractor's Entitlement to Suspend Work				
16.2 Termination by Contractor				
16.3 Cessation of Work and Removal of Contractor's Equipment				
16.4 Payment on Termination				
17. RISK AND RESPONSIBILITY				
17.1 Indemnities				
17.2 Contractor's Care of the Works				
17.3 Employer's Risks				
17.4 Consequences of Employer's Risks				
17.5 Intellectual and Industrial Property Rights				
17.6 Limitation of Liability				
10 PIGUP ANGE				
18. INSURANCE				
18.1 General Requirements for Insurances				
18.2 Insurance for Works and Contractor's Equipment				
18.3 Insurance against injury to Persons and Damage to Property 18.4 Insurance for Contractor's Personnel				
16.4 Histifatice for Contractor's Personner				
19. <u>FORCE MAJEURE</u>				
19.1 Definition of Force Majeure				
19.2 Notice of Force Majeure				
19.3 Duty to Minimise Delay				
19.4 Consequences of Force Majeure				
19.5 Force Majeure Affecting Sub-contractors				
19.6 Optional Termination, Payment and Release				
19.7 Release from Performance under the Law				
20. <u>CLAIMS, DISPUTES AND ARBITRATION</u>				
20.1 Contractor's Claims				
20.2 Appointment of the Dispute Adjuducation Board				
20.3 Failure to Agree Dispute Adjudication Board				
20.4 Obtaining Dispute Adjudication Board's Decision				
20.5 Amicable Settlement				
20.6 Arbitration				
20.7 Failure to Comply with Dispute Adjudication Board's Decision				
20.8 Expiry of Dispute Adjudication Board's Appointment				
1/7 To Collection				

	OBLIGATIONS AND RESTRICTIONS IMPOSED BY EMPLOYER	Unit	Qty	Rate	Total
A	Limitations in using the site.  The Contractor will be give possession of the site which must be used for the sole purpose of carrying out the works. He should ensure that his workers do not enter upon lands adjacent to the works.				
В	Construct hoarding using new precoloured roof sheeting 26gauge fixed to 2" x 4" rails at not more than 4' apart fixed to at post supports of at least 4" x 4" softwood fixed at not greater than 10" centres.				
С	Artists, Tradesmen, etc. There are no artists or Tradesmen etc. who will be employed directly by the Employer.				
D	Accommodation for Engineer  Provide, erect and maintain office accommodation for the Engineer in a location to be agreed with the Engineer and Employer. The office shall be approximately 20 square metres in area and of sound construction with lockable doors, windows, writing table, chairs, space for hanging drawings, pin up boards, drinking water and toilet facilities for the exclusive use of the Engineer. Provide daily janitorial services during the works and remove the structure and fittings on completion of the Works. Provide furniture suitable for seating ten (10) persons at site meeting				
Е	Limitations of Working Hours The Contractor must notify the Engineer allowing three (3) clear working days of any intention to operate overtime or weekend work. This is to ensure that proper arrangements are made for supervision of the works during execution.				
F	Disposal of materials found on site  Sand, gravel or other materials of value found during excavation will become the property of the Employer who will issue directions to the Contractor regarding salvage or disposal.				
G	Testing Provide 2 No. steel test moulds with all plates and bolts for working tests in accordance with the British code of Practice CP 114 for the structural use of reinforced concrete in buildings				
С	Allow for 100 concrete cube tests; 5 gradation tests on aggregates and 5 density tests to ascertain compaction of materials in place				
Н	Site sign board Allow a provisional sum of ten thousand dollars for a site sign board.				
	1/8 To Collection				

	Progress photographs	Unit	Qty	Rate	Total
A	Each month, the Contractor will be required to provide one print each of twelve				
	standard size self dated photographs from a 35 mm camera to show progress of the				
	Works. The photographs shall be taken from locations to be agreed eighth the				
	Engineer. In addition, the Contractor shall allow for making five prints our of six				
	selected photographs and for handing the negatives to the Engineer				
	Daily Records				
В	Provide and keep on the site a log book in which the Employer may confirm any oral				
	instructions issued.				
	inota de troite de de troite de troi				
	Contract Programme				
С	The Contractor is to prepare a Contract Programme within fourteen (14) calendar				
	days of the award of contract for agreement with the Engineer In preparing his				
	programme the Contractor shall allow sufficient time for:-				
	i) Reasonable notice to be given to the Engineer. of the				
	Contractors Requirements in respect of instructions, drawing				
	details or levels.				
	ii) Placing orders with specialist sub-contractor and nominated				
	suppliers for the proper co-ordination of the work.				
	iii) Complying with and giving notices etc. to Local Authorities or				
	Statutory Undertakers in accordance with clause 4 of the				
	conditions of contract.				
	iv) Placing orders for materials in due time.				
	v) A time contingency in respect of inclement				
	weather.				
	weather.				
D	The Programme can be in form of a bar chart.				
Б					
E	For site meetings, the Contractor is to prepare and agree with the				
	Engineer a progress report listing the activities as itemised on				
	the contract and recording the following:				
	i) A summary of the overall completion				
	ii) Lengths of contract remaining including authorised extensions				
	iii) Estimate of the length of time remaining for the completion of the				
	Contract This programme is in addition to the preliminary programme required at the time of				
	submitting the tender.				
	submitting the tender.				
F	The Contractor will be responsible for the supervision and administration of all				
•	nominated suppliers, nominated sub-contractors, statutory undertakings etc., and will				
	be required to arrange a programme with each organisation.				
	or required to arrange a programmic with each organisation.				
G	After commencement of the work, the programme is to be reviewed each month and				
J	adjusted as necessary and to send two (2) copies of same for the Engineer.				
	and an incompany and to both the (2) copies of bathe for the Engineer.				
	1/9 To Collection			[	

	Trespass	Unit	Qty	Rate	Total
A. 7	The Contractor shall ensure that his men do not enter any grounds other than the site				
	defined before, except insofar as is necessary to execute works outside the boundaries of the site. The Contractor shall take all measures necessary with regard				
	to works carried out outside the boundaries of the site to prevent damage or injury,				
	nuisance or inconvenience to occupants or licensees and shall make good any				
C	damage and keep indemnified the Employer against all losses, costs, demands,				
C	damages, expenses, claims incurred or sustained.				
	<u>Advertising</u>				
	No Advertising shall be permitted on hoardings, walls, fences, the Works, temporary				
	buildings, etc. except for the display of the Contractor's sub-contractors, suppliers and professional advisors nameboards or as directed by the Employer.				
ľ	and professional advisors nameboards of as directed by the Employer.				
<u> </u>	GENERAL FACILITIES AND OBLIGATIONS				
	Plant, Tools and Vehicles				
	Provide for all mechanical and hand plant, tools, vehicles and all other items				
	necessary for the proper execution of the works including those of the sub-				
ľ	contractors.				
	Provide adequate ladders, drains, plugs and such other plant as may reasonably be				
	required by the Engineer to enable him to make inspections during and at the end of				
l <sup>t</sup>	the Maintenance Period.				
I-	Scaffolding				
	Provide all necessary scaffolding for the proper execution and completion of the Works and pay all charges in connection.				
	Note: Items for the provision of scaffolds for nominated sub-				
	contractors are included hereafter under "other attendances".				
	Site Administration and Security:				
	Provide for all supervisory and administrative staff, attendance of staff, security,				
\	watching and maintenance.				
; S	Safeguard the Works, materials and plant against damage or theft including shelter				
a	and fuel for any watchmen so required.				
	Transport for Workpeople				
	Provide for all costs arising from the transport of workpeople to and from the Works.				
	Protecting the Works from inclement weather				
	Cover up otherwise protect all work liable to injury from abrasions, wet, excessive				
	sun, heat or any other cause and clear away on completion and make good any				
	damage to finished work.				
	1/10 To Collection			1	

	Protection of Public and Private Services	Unit	Qty	Rate	Total
A	Protect, uphold maintain all pipes ducts sewer service mains and overhead cables, etc., during the execution of the Works. The Contractor shall make good any damage				
	due to any cause within his control at his own expense and pay costs and charges in				
	connection therewith.				
	Water for the Works				
В	Provide water for the Works and for the Works of the sub-contractors.				
С	Make all temporary connections, provide temporary plumbing storage vessels, etc.				
	and clear away at completion and make good all works disturbed.				
D	Lighting and Power for the Works Provide all temporary lighting and electricity for power for the Works and lighting				
	for the works of the sub-contractors.				
	<b>Note:</b> Providing power for the works of nominated sub-contractors is provided for				
	hereafter under "other attendances"				
Е	Provide all temporary apparatus and connections, clear away at completion and make				
	good all works disturbed and pay all charges in connection.				
F	Temporary installation shall comply with the requirements of the Electricity				
	Commission.				
	Temporary Roads, Hardstandings, Crossings and Similar Items				
G	Provide all requisite temporary tracks on or about the site as necessary for the execution of the Works, maintain during the progress of the works, clear away when				
	no longer required, make good all services disturbed to the satisfaction of the				
	Engineer and pay all charges in connection.				
НІ	Provide access across public footpaths as may be necessary. Each access shall be in				
	accordance with the requirements of any local or other authority. The Contractor				
	shall make good any damage to the footpaths to the entire satisfaction of the Authority concerned and pay all charges in connection.				
	Traffic Regulations				
J	Allow for complying with all traffic regulations in force on or adjacent to the Works.				
	The obtaining of any easement of these regulations which the Contractor may deem				
	necessary for the execution of the works will be the responsibility of the Contractor.				
	To a second of the Control of the Co				
K	Temporary accommodation for use of the Contractor Provide, erect, maintain, shift as may be necessary during the progress of the Works,				
	clear away when no longer required and reinstate all surfaces disturbed to the				
	satisfaction of the Engineer and pay all charges in connection				
	i) Suitable lock-up offices for the use of the Agent/Foreman and site staff with all requisite fittings, lighting telephone and				
	attendance.				
	1/11 To Collection				
*	· '				•

	ii) Suitable weather tight and secure lock-up storage sheds or accommodation for materials or goods including those sub-	Unit	Qty	Rate	Total
	contractor, in the case of a nominated sub-contractor, this item is included in attendance to be provided.				
	iii) Suitable welfare and safety measures and amenities including toilets, mess rooms, etc., for workpeople including those of sub- contractors on the site.				
	Temporary telephone				
A	Provide and maintain a telephone service for the Engineers and to such other offices of the Contractor's site staff as may be necessary, for the full period of the Works and pay all charges.				
	Safety, Health and Welfare of Workpeople				
В	Provide and maintain suitable welfare, safety measures and amenities which under or by virtue of the provisions of any enactment or regulation or the working rules of any industry the Contractor is required to provide for his own workpeople and those of the sub- contractors whether nominated or otherwise.				
С	Disbursement arising from the employment of workpeople Provide for all additional costs arising from the employment of workpeople including:-				
	i) National Insurance and pensions contribution     ii) Redundancy Payments				
	<ul><li>iii) Holidays with pay</li><li>iv) Traveling time, fares, lodging allowances</li></ul>				
	v) Transport from whatever district labour is obtained vi) Guarantee time				
	vii) Non-productive time including time lost due to inclement weather				
	viii) Incentive and bonus payments ix) Any other disbursement				
	Maintenance of public and private roads				
D	Maintain public and private roads, footpaths, kerbs etc. and keep the approaches to the site clear of mud, debris, etc. The Contractor shall make good any damage caused by his own or any sub-contractor's suppliers transport at his own expense and keep indemnified the Employer against all losses, costs, damages, expenses, claims and demands incurred or sustained.				
	Removal of rubbish, protective casings and coverings and cleaning the works on completion				
Ξ	Clear away all rubbish and surplus materials from time to time as it accumulates and at completion.				
Е	Wash off stains, clean off mortar marks and cement from all facings, bricks, steps, sills, paving, etc. clean out gutters and down pipes, clean sanitary fittings, rod out and flush down drains, ease doors, windows and ironmongery. Clean floors and pavings, clean glass both inside and out and leave the building clean and free from debris at completion.				
	1/12 To Collection				

gantries and similar items including security	i		
Provide all hoardings, gantries, fans, temporary barriers and all else necessary for the proper execution of the works, for the proper protection of the contractor's workpeople, occupants or adjoining properties licenses and general public, and for meeting the requirements of any local or other authority and pay all charges in in connection. The Contractor will be held responsible for any accidents, damage or			
losses occurring through lack of adequate protective measures and will be required to meet the cost of any repairs, replacements or compensation arising therefrom. Add to this clause the following: The contractor shall provide security including Police and necessary fencing for the duration of the construction and pay all charges associated with the provision of security			
Setting out of the Works			
Provide all instruments and labour and fix all necessary lines, stakes, templates etc., as may be required for and set out the works including those of sub-contractors. Remove all pegs, templates, etc., when no longer required.			
Provide all instruments and labour required by Engineer for checking the setting out of the works.			
Samples of work and materials  Provide samples of all materials to be used and small portions of blockwork,			
pointing, plastering, decorations etc. These samples when approved by the Engineer will be retained as standards with which the whole of the work must comply.			
Defects occurring during Defects Liability Period			
Comply with Engineer's instructions given under the terms of Clause 15 of the Conditions of Contract which shall include making good shrinkage cracks in in-situ			
finishings. In the case of making good plaster, the decoration shall also be carefully matched and made good.			
Control of noise, pollution and all other statutory obligations			
Take all measures to prevent damage or injury, nuisance annoyance or disturbances from noise, dust, vibration, smell or otherwise to any of the occupiers of the adjoining or neighbouring buildings or the general public and shall make good any			
damage and keep indemnified the Employer against all losses, costs, damages, expenses, claims and demands incurred or sustained.			
Comply with the Control of Pollution Act 1974 and in particular the Contractor shall be responsible for ascertaining from the Local Authority what requirements and restrictions shall apply to the Works in this respect and keep indemnified the			
Employer against all losses, cost, damages, expenses, claims and demands incurred or sustained.			
The contractor's attention is drawn to British Standard 5228 "Code of Practice for noise control of construction and demolition sites". The Contractor will be			
responsible for any delays, stoppage and extra costs resulting from failure to comply with this Condition.			
1/13 To Collection			

A	Other General Facilities Provide for any other disbursements not specifically listed herein above but which is considered necessary for the completion of the works. (Detail all such items hereunder).	Unit	Qty	Rate	Total
	NOMINATED SUPPLIERS, NOMINATED SUB- CONTRACTORS: STATUTORY UNDERTAKINGS				
В	Nominated Suppliers  The Project Manager would nominate a supplier for ironmongery				
С	Nominated Sub-contractors There will be no nominated sub-contracts				
С	Statutory Undertaking There will be no work for execution by Statutory Undertakers				
	1/14 To Collection				

COLLECTION	Unit	Qty II	Rate	Total
Page 1/1				
Page 1/2				
Page 1/3				
Page 1/4				
Page 1/5				
Page 1/6				
Page 1/7				
Page 1/8				
Page 1/9				
Page 1/10				
Page 1/11				
Page 1/12				
Page 1/13				
Page 1/14				
<u>PRELIMINARIES</u>				
TOTAL TO MAIN SUMMARY				
1/15				

## SOIL STABALIZATION SMITHFIELD TRACE, SCARBOROUGH

## PRICING NOTES

Tenderers shoul note that, notwithstanding anything to the contrary elsewhere in these documents, rock is defined as material which would require the use of pneumatic equipment or exploses to remove.

	DESIGN AND BUILD	Unit	Qty	Rate	Total
A	Geotechnical Survey  Contractor is to conduct geotechnical survey for the area which will required bore holes. A minimum for 3 bore holes will be required to conduct the study before designs are developed.	Sum			
В	Design				
	Prepare and submitt to the Division, Civil Engineering Designs and recommendation showing solutions for stablizing the area.	Sum			
С	Construction of stabalization solution from approved drawings to Smithfield Trace, Scarborough.	Sum			
	TO GENERAL SUMMARY				

				Total
	SUMMARY			
	PRELIMINARIES			
	MEASURED WORKS			
	INSURANCES/WORKMEN COMPENSATION AND PUBLIC LIAMBILITY	ITEM		
	SUB TOTAL			
	CONTINGENCY -	10%		
	SUB TOTAL BEFORE V.A.T.			
	V.A.T. 12.5%			
	TOTAL INCLUSIVE OF VALUE ADDED TAXES			
l			I II	l