



**Division of Food Security, Natural Resources, the Environment & Sustainable
Development
Procurement Unit, Shirvan Administrative Complex,
Shirvan Road, Shirvan, Tobago
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22nd October 2024

AMENDMENT & EXTENSION NOTICE

Reference is made to the Invitation to Tender (ITT) DFSNRESD 2024/25-003 Repair Works to Botanic Garden Fence.

Attached is a copy of the amended (corrected) Bill of Quantities

The new closing date has been extended to **30TH OCTOBER 2024 AT 1:30 P.M AND THE
OPENING DATE 30TH OCTOBER 2024 AT 1:40 P.M.**

Please note that all other components of the previously issued Tender Document are applicable and are to be observed for Submission.

-END-

AMENDED BILL OF QUANTITIES

Repair and Upgrade to Scarborough Botanical Gardens Fence

ITEM	DESCRIPTION	QTY.	UNIT	RATE	Total
1	Preliminaries				
	To cover the cost of Storage; Safety Signage, Setting out works; Spray paint; Stakes; Caution tape/ Hard barriers; tower lights; Insurance; OSHA requirements				
1.1	Allow for the storage and security of contractor's items during the project. Note that the Division will not be held responsible for lost or missing items regardless of the Division's offices onsite (Security/ Watchmen).		sum		
1.2	Allow for insurance/s in accordance with tender document		sum		
1.3	Allow for PPE and other safety items for site workers and the general public (signage, barriers etc) in accordance with regulations set by OSHA.		sum		
1.4	Allow for appropriate quantity of tower lights in accordance with contractor's work plan. Further, note that this project must be completed as per the date set in the tender document		sum		
	Total carried to summary				
2	Facilitating Works				
	To cover the cost of all necessary tools and equipment to safely remove and cart away damaged section of fencing				
2.1	Remove all identified chain-link fence (1,000 ft) inclusive of galvanized post cast in concrete (50 nr) along Claude Noel Highway and Garden side Street. Contractors are to note that identified galvanize pipe post for removal are to be cut two inches (2") from existing ground level and further placed in storage at the Botanical Gardens Station as directed. All other remaining galvanize pipe post (68		sum		

	nr) are to be securely plumb in position to accept item (3.10).				
2.2	Remove all sections of welded SHS fence panels. Include for cutting same into smaller pieces, load and cart away to an approved dump site. Further, leave in place “ONLY” 4 inch x 4 inch Square Hollow Section (SHS) columns. Also include a cost to remove all loose/ flaking paint from each column	1250	lf		
2.3	Remove damaged SHS columns and replace with new 4 inch x 4 inch galvanize SHS column of similar height.	10	nr		
2.4	Allow for the removal of all finals/caps from all panel sections in a manner that will allow for reuse on new fence work. See also item 3.8		sum		
3	New Fencing Works				
	All inclusive of equipment, formwork, profile, reinforcement, structural concrete, blockwork, steel fabrication and all other requisite to complete the following activities.				
3.1	Excavate for ground beam (not exceeding 2 feet dept and 3 feet in width). Include for side dressing, ramming of bottom and disposed of surplus excavated soil - along Garden side Street	68	cy3		
3.2	Provide and install formwork one foot (1') high in trench. Include for all pegs and strauss	920	ft2		
3.3	Provide and install, (catering for all cutting, bending and tying), half inch (1/2") corrugated bars @ six inches c/c matt design in foundation. Include for vertical half inch (1/2") corrugated bars at 16 inches c/c - bar are not to exceed 1 metre in height (excess are to be cut 2 inches below the concrete capping on blockwork). In addition, contractors are to allow for 2 inches cover to reinforcements at bottom and sides of trench	1,500	kg		

3.4	Supply and cast 21N concrete one foot (1') thick to trench	36	cy3		
3.5	Allow for the procuring and laying of 4 inch x 8 inch x 16 inch concrete blockwork in trench (460 feet) and in similar design to existing blockwork. Contractors are to take into consideration the contour of the land when executing this activity - Also include cost to clean and repair all cracks, dents, holes etc on all existing blockwork prior to painting (1,250 ft)		sum		
3.6	Supply and install 6 feet high x 4 inch x 4 inch galvanize SHS columns in similar manner to existing. Allow for columns to be placed 8 feet c/c - along Garden side Street	60	nr		
3.7	Fabricate metal panels ("similar height to existing - 178 panels in total) between columns, using 1-1/2 inch circular galvanize pipe horizontally (2 bars at top with 1 foot spacing between them, and 1 bar at bottom finishing 4 inches "up" from the base of vertical pieces) - all vertical pieces are to be 1/2 inch circular galvanize pipe @ 4 inches c/c		sum		
3.8	Allow for the supply and installation of finial/ capping to new columns and panel pieces along Garden side Street. Note: finial are to be similar to existing and or approved by the client before installation	1500	nr		
3.9	Allow for the restoration of all gates on the compound (6 in number), ensuring that gates are strongly reattached to post; corroded area are removed and repaired etc. Include for the removal and reinstallation of new lettering of similar size and type for the "Botanical Garden Sign" over entry gates along Claude Noel Highway, opposite the Scarborough Library and opposite the Fire Service Credit Union. Also include cost for the removal of vertical pieces on all gates and replace with 1/2 inch circular galvanize pipe at 4 inches c/c similar to fencing				

	Ditto 16'ft x 6'ft @ Botanical Gardens Stores				
	Ditto 13'ft x 6'ft @ Botanical Gardens Stores				
	Ditto 12'ft x 6'ft @ Claude Noel Highway				
	Ditto 5'ft x 6'ft @ East of compound/ Fire Service Credit Union		sum		
	Ditto 4'ft x 6'ft @ South of compound/ Library Area				
	Ditto 3'ft x 6'ft @ North side Road/ Next to Bus Shed				
3.10	Procure and install 10.5 gauge plastic coated chain-link fence wire, firmly fix in place with 9 gauge strain wire at top, middle and bottom. Include for plastic capping on each post.	540	ft		
4.0	Painting				
4.1	Allow for painting of all steelwork "columns, panels, gates" with anti-corrosive primer . Include for cleaning all steel prior to painting to remove all grease, dirt, dust etc.	7,600	ft2		
4.2	Allow for applying two coats of Berger 404 gloss oil enamel paint (Green) to all metal "columns, panels, gates"	15,200	ft2		
4.3	Allow for surface finish paint to all blockwork with one coat wall primer and two coats of weather shield exterior emulsion (Berger). Note: colour shall remain similar to existing for both concrete walls and steel work	8,875	ft2		
5.0	Demobilization				
5.1	Allow for site restoration as a result of the works. Include for loading and cart away all derelict items that accumulated during the project to an approved dump site and or laydown yard		sum		

REPAIR WORKS TO BOTANICAL GARDEN FENCE
BILL OF QUANTITIES
SUMMARY

ITEM	DESCRIPTION	TOTAL
1	Preliminaries	
2	Facilitating Works	
3	New Fencing Works	
4	Painting	
5	Demobilisation	
	SUB-TOTAL	
	(Vat 12.5%)	
	TOTAL	