



**Division of Food Security, Natural Resources, The Environment & Sustainable Development  
Procurement Unit, Shirvan Administrative Complex,  
Shirvan Road, Shirvan, Tobago  
Tel. #639-2234/1966 Fax #635-1815**

**29<sup>th</sup> April 2024**

## **AMENDMENT**

Reference is made to the Invitation To Tender (ITT) DFSNRESD 2023/24-007 Repair Works to The Buccoo Training Facility.

Attached is a copy of the amended Bill of Quantities for the tender document. Please note all amendments are written in **RED**.

Additionally, **all components** of the previously issued Tender document are applicable and are to be observed for Submission.

Procurement Unit

**REPAIR WORKS TO BUCCOO TRAINING FACILITY - Amendments are in RED**

**BILL OF QUANTITIES**

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>1</b>	<b><u>Painting – Main Building</u></b>				
a)	All inclusive of the rental of scaffolding equipment and <b>fix imperfections (cracks, holes, dents, remove unwanted items from walls etc).</b> Supply and paint building exterior with one (1) undercoat primer and finish top coat with weather-resistant latex paint (to match existing). <b>Include exterior surfaces on Security Booth. Also include for the painting of fascia board</b>	Sf	<del>3480</del> 4,335		
b)	<b>Fix imperfections (cracks, holes, dents, remove unwanted items from walls etc).</b> Supply and paint interior walls, doors and other surfaces with finish coat of water-base latex paint (to match existing). <b>Include interior surfaces on Security Booth.</b>	Sf	<del>3000</del> 4,880		
c)	<b><u>Rust Treatment – Open Storage Area</u></b>				
	Treat and remove surface rust damage of roof trusses, purlins, and GI pipe supports and gateway making good on all affected areas of the open storage. Supply and paint with one (1) undercoat grey oxide primer and finish top coat of rust resistant metal paint (to match existing).	<del>Sf</del> Item	<del>600</del>		
d)	<b>Remove existing chain link wire. Include for the supply and installation of plastic coated (green) 9 gauge chain link wire</b>	Sf	600		
e)	<b>Clean floor area (ground floor): procure and apply floor paint similar to existing</b>	Sf	970		
f)	<b>Clean and paint ceiling area (ground floor)</b>	Sf	264		
g)	<b>Allow for the procuring and application of anticorrosive paint to internal metal stair case</b>	Item			
h)	<b>Remove damaged six feet door in cooler. Procure and replace same six feet double door (cedar). Include for painting</b>	Nr.	1		
i)	<b>Scrape and apply anticorrosive paint to all burglar proof on the building. Include for the fabrication and installation of one (1) 4'x4' burglar proof to upstairs class room (similar design to existing)</b>	Item			

	To Summary				
<b>2</b>	<b><u>Ceiling</u></b>				
a)	Allow for the removal of all ceiling tiles and discard at approved dump site. Supply and replace with new 2ft x 2ft mineral fibre ceiling tiles throughout. Include for the fixing of framing where necessary	Nr Sf	27 1,055		
b)	Allow for the inspection of the roof space to ensure there are no leaks. If leaks are identified, allow for repair to same. All for changing Zed-purlings on east side of main building roof.	Item			
	To Summary				
<b>3</b>	<b><u>Windows and Doors</u></b>				
a)	<del>Repair 4 ft x 4 ft window in upstairs classroom.</del>	Nr	4		
b)	Remove, Supply and install 36 inch x 80 inch (cedar) timber door in downstairs male bathroom and front of building all-inclusive of locks and hinges. Include for painting	Nr	2		
c)	Supply and replace 24 inch x 80 inch bifold louvred timber doors all-inclusive of tracks, hinges and locks in upstairs classroom.	Nr	2		
d)	Remove, Supply and install 32 inch x 80 inch (cedar) timber double door at entrance of building all-inclusive of deadbolt locks and hinges. Include for painting	Nr	5 2		
e)	Remove and cart away existing fence wire enclosure. Supply and install 10g x 9ft (H) pvc coated chain link fencing enclosure. Include for 2" line post at 8 feet apart and 1-1/2" horizontal pieces at top, middle and bottom of fence.	Sf	700		
f)	Allow for the cleaning and servicing of all sliding windows on the building. Include for changing wheels where necessary	Nr	16		
	To Summary				
<b>4</b>	<b><u>Upgrade Kitchen Space and Cabinetry</u></b>				
a)	Supply and install <del>40 inch (L) x 20 inch (W)</del> stainless steel <del>single</del> double bowl under mount kitchen sink. Include for quartz counter top and goose neck faucet (this relates to item C)	Nr Sf	4 20		
b)	<del>Repair 15 1/2 inch (W) x 30 inch (H) timber cupboard door.</del>	Nr	4		
c)	Remove and cart away existing white tile, overhead and under sink cabinetry partitions. Supply and install 36 inch (W L) x 32 inch (H) interior cabinetry partitions. Include for rebuilding and installing overhead and under	Item	1		

	sink cabinetry of similar size, shaker style with cedar and painted white				
d)	Supply and replace small metal single storage lockers.	Nr	12		
e)	Allow for the construction of <b>New</b> shaker style kitchen cupboards (lower and upper) as directed. Include for microwave slot (22 inches wide) and quartz counter top	Lf	17		
f)	Cut external wall in kitchen area as directed for the installation of 36 inch x 80 inch doorway. Include for procuring and installing aluminium door frame, cedar door (painted) with door knob. Also include for the construction of reinforce concrete staircase (three (3) feet wide) from doorway to ground floor – porcelain tiled finish	Item			
	To Summary				
<b>5</b>	<b><u>Toilets</u></b>				
a)	Supply and replace door locks.	Nr	4		
b)	Supply and install toilet paper holders.	Nr	2		
c)	Supply and install toilet seats.	Nr	2		
d)	Supply and replace stainless steel shower knobs in male and female bathroom. <b>Include for cleaning and sanitizing all tiled areas (shower and toilets)</b>	Nr	2		
e)	<b>Remove and cartaway water closet on ground floor. Include for cleaning and sanitization of the area. Also include for procuring and installing Armitage handle flush water closet</b>	Nr	1		
	To Summary				
<b>6</b>	<b><u>Guttering and Drainage</u></b>				
a)	Replace guttering, downpipes and drainage waste outflow lines.	Lf	220		
b)	Procure all materials and repair all drains on compound as directed, to allow for effective water flow to outfall. Include for the placing of metal grating as directed.	Lf	16		
c)	<b>Allow for the inspection of all septic tank and soakaway on the compound. If faults are identified, Provide a cost and note to remedy such issue</b>	Item			
	To Summary				
<b>7</b>	<b><u>Electrical</u></b>				

a)	Supply and install 250 watts LED safety floodlights, led tube lights, fittings and fixtures all-inclusive of the replacement of defective switches, outlets, fuses in and around compound. <b>Include for the replacement of all fluorescent lights internally with similar LED lights</b>	Item	1		
b)	Reaffix electrical panel in downstairs corridor.	Item	1		
c)	Reaffix electrical conduit to walls and purlins.	Lf	34		
d)	<b>Allow for the removal of damaged A/C units from the building and allow for disposal via the Public Procurement Act. Include for filling voids with blockwork and render same.</b> Supply and install new: 12 000 BTU units inclusive of mounting brackets – 6 24 000 BTU units inclusive of mounting brackets – 4	Nr	10		
e)	<b>Service all fire alarm systems on site</b>	Nr	4		
	To Summary				
<b>8</b>	<b><u>Concrete Building Wall Repairs</u></b>				
a)	Block up exposed electrical lines with mortar in downstairs corridor.	Lf	5		
b)	<del>Make good all cracks, chips and broken edges in walls of upstairs classroom and admin office and doorframes of toilets and bathrooms.</del>	Sum	4		
	To Summary				
<b>9</b>	<b><u>Concrete Retaining Wall Repairs</u></b>				
a)	Demolish 13 1/2 ft. (length) x 4 ft (height) damaged section of concrete wall and columns.	Item	1		
b)	Remove and dispose of rubble from site.	Item	1		
c)	Excavate trench 14 1/2 ft. (length) x 3 ft. (wide) x 12 in (depth).	Cu.ft	44		
d)	Stirrup design - Fabricate and place 1/2 inch corrugated steel reinforcement for strip footing with 3/8 stirrups. Ensure 2 inch spacers placed below rebars and 2 inch concrete coverage above re bars. Reinforcement should be tied into existing foundation and wall.	Item	1		
e)	Supply and install 1/2 in corrugated steel reinforcement for column supports with 3/8 stirrups.	Item	1		
f)	Supply and install formwork for foundation and columns.	Item	1		

g)	Cast 14 1/2 ft. (length) x 2 ft. (wide) x 12 in (depth) footing. Note* contractor must ensure that trench line is cleaned to receive concrete.	Cu.ft	29		
h)	Erect 13 1/2 ft. (length) x 4 ft (height) block wall using 4 inch x 8 inch x 16 inch concrete blocks – placing 1/2 inch rebars vertically in block cores.	Sf	54		
i)	Fill block core with concrete.	Cu.ft	7		
j)	Backfill and compact trench on both sides of the new wall.	Item	1		
k)	Repair and reuse existing G.I Pipe fence wall and affix to newly built concrete columns.	Item	1		
l)	Render concrete columns.	Sf	72		
m)	<b>Clean, Prime and Paint entire</b> concrete block walls and columns. Colours to match existing blockwork and columns. <b>Include for cleaning and painting all steel sections</b>	Sf	<del>482</del> 2,337		
	To Summary				
<b>10</b>	<b><u>3.0 Gate Repairs</u></b>				
a)	Remove and dispose existing gate track.	Item	1		
b)	Supply and install 2” Schedule 40 GI. Pipe support posts - cast 6 inch away on inner side of gate cloumns – cast same 2 ft 3inch (depth). Include for pipe caps.	Item	2		
c)	Supply and weld angle irons to top of GI pipe support posts and fix to top of concrete columns.	Item	2		
d)	Supply and weld slide gate guide roller to angle iron at top of concrete column and affix secondary slide gate roller to angle iron at top of GI pipe support post (ensuring horizontal alignment). <b>See attached drawing</b>	Item	2		
e)	Allow for repair - scrape and paint 22 ft x 6 1/2 ft metal gate and fencing. Broken areas to be welded, rusted areas removed, entire gate to be scraped, primed and refinished in anti-corrosive metal paint. Install locking mechanism.	Sf	143		
f)	Re-lay gate track and mount metal gate ensuring smooth and steady movement.	Item	1		
	To Summary				
<b>11</b>	<b><u>Site Cleanup and Demobilize</u></b>				
a)	Clear site of unwanted materials and debris to an approved dump site or laydown yard	Item	1		

	To Summary				
<b>12</b>	<b>Construct Temporary Storage – 32' (L) x 24' (W) x 9' (H)</b>				
a)	Construct temporary timber storage to the back of main building: allow for structure to be elevated 16" above the existing ground level, RPP to be used, 2"x6" floor joist @ 2 feet c/c, 5/8" construction ply (flooring), 2"x4" studs @ 2 feet c/c, 1/2" construction ply (vertical sides - allow for 4 feet door way in structure, 2"x4" rafters and 1"x4" rafters @ 3 feet c/c, covered with 26 gauge corrugated sheets. Include for intermediate timber pieces/noggiings	Sf	768		
b)	Allow for the provision of labour force to carefully remove and pack items from the main building to temporary storage, and repack said items on completion of the works	Item			
c)	Allow for said labour to clean around building and discard unwanted items ahead of repair works	Item			
	To Summary				
<b>13</b>	<b>Construct Security Booth - 10'(L)x8'(W) x9'(H)</b>				
	All inclusive of formwork, concrete, reinforcements, blockwork, paint and all necessary items to complete this structure				
a)	Set out security booth and excavate outer trench 12 inch x 12 inch and one (1) intermediate trench across the width at mid-span. Include for 1/2 inch main bars and 3/8 inch binders (place binders at 6" c/c). Cast 21N concrete to ground beams and allow for 2" cover all-round. Build foundation up with 6" concrete block 16" above existing ground level. Include for compacted rotten rock, 50mm sand blinding, 500 gauge polythene, 6x6x5 gauge BRC; 4"/21N concrete casting to floor.	Sf	80		
b)	Construct building walls with 4 inch x 8 inch x 16 inch concrete block, include for toilet 4'(L)x3'(W); rendered all walls both sides with 1:4 cement mortar 12mm thick. Allow for three (3 number) – 4 feet x 4 feet upvc casement pushout windows, one (1nr) 1 foot x 2 feet upvc pushout window, one (1nr) - 32 inch x 80 inch cedar door (toilet area) and one (1nr) 36 inch x 80 inch half leaf (1/2) cedar door at entrance. Note that the top portion of entrance door must contain see through glass.	Item	1		

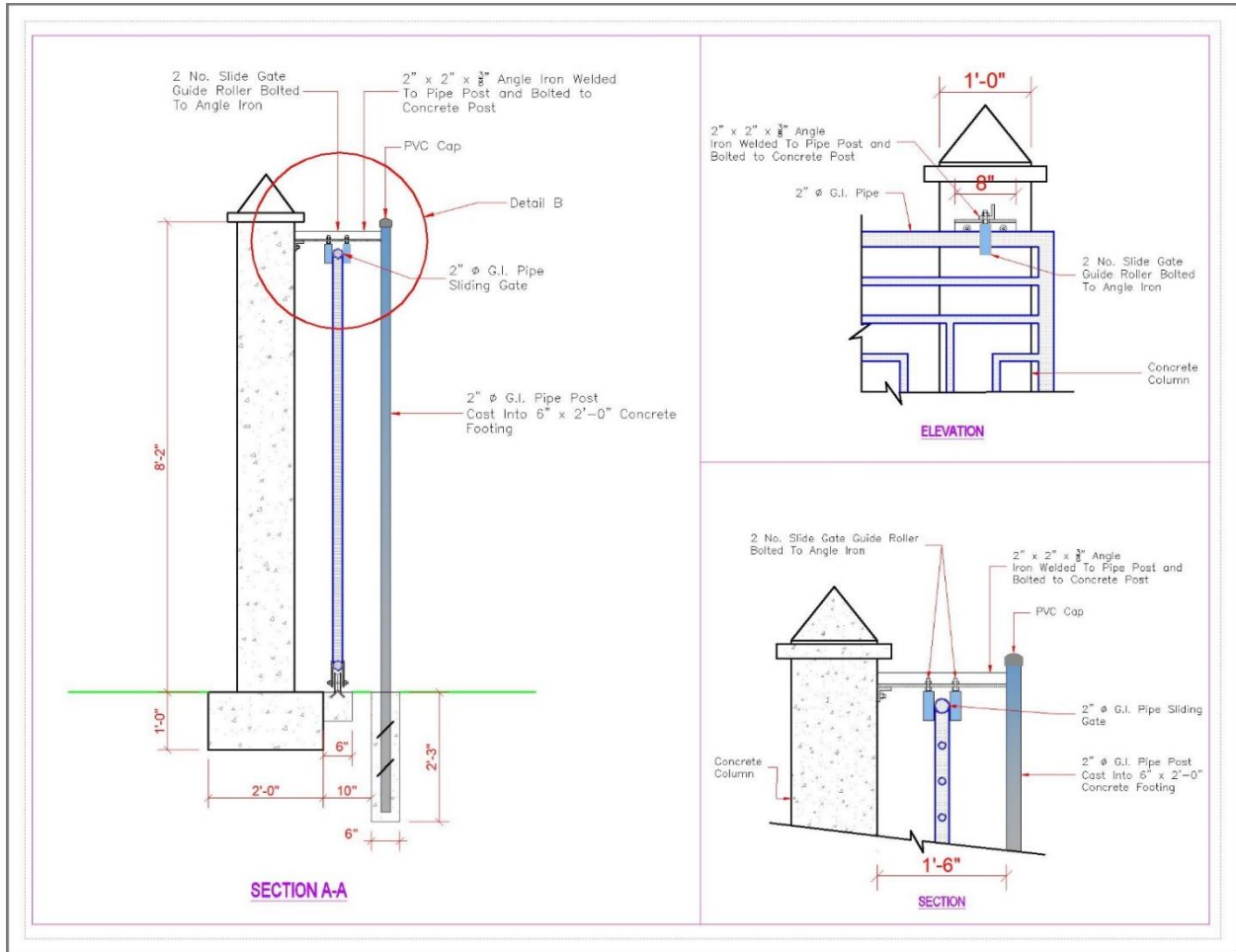
	Include for door knob to be installed on all doors, lintel, ring beam, makeup all window and door edges.				
c)	Allow for the procuring and installation of Electrical items to required standards: wiring (in wall), lights (internal and external), switches, plugs (3nr internal) etc.	Item	1		
d)	Allow for the procuring and installation of plumbing items to required standards: soil waste and vent pipes, septic tank and soakaway, water closet (Armitage –handle flush), face basin with tap, 4” square gutter and down pipes	Item	1		
e)	Construct timber Hip Roof with treated lumber: 2”x6” rafters, 1”x4” laths, 1”x 10” fascia board, 1/2” groove ply (closed boarded ceiling), ridge cap and similar sheeting as main building. Allow for the painting of roof and ceiling member (white). Note* allow for two (2) feet eve all-round	Sf	130		
f)	Supply and lay 18 inch x 18 inch porcelain tile on floor throughout. Include for installation of same (4 feet high) on all bathroom walls. Include for painting all interior and exterior walls of this building in similar colour to main building.	Sf	124		
g)	Construct 3 feet wide apron around building	Sf	144		
	To Summary				
<b>14</b>	<b>Upgrade Building Floor (upper floor)</b>				
a)	Remove existing skirting from all walls	Lf	312		
b)	Procure and install 9 inch x 48 inch SPC flooring. Include one (1) nosing at upper floor steps	Sf	1053		
	To Summary				
<b>15</b>	<b>Sea Food Technology Section</b>				
a)	Allow for the fixing of concrete edges to drain and install metal grating over same	Lf	12		
b)	Clean stainless steel table	Nr	1		
c)	Procure and apply floor paint throughout	Sf	740		
d)	Remove window (on right side facing freezer), cut external wall as directed for the installation of 36 inch x 80 inch doorway. Include for the procuring and installing of aluminium door frame, cedar door (painted) with door knob.	Item	1		
e)	Clean ceiling and apply paint finish (white)	Sf	800		
	To Summary				



**REPAIR WORKS TO BUCCOO TRAINING FACILITY - Amendments are in RED**

**BILL OF QUANTITIES**

ITEM	DESCRIPTION	TOTAL
1.0	<u>Painting – Main Building</u>	
2.0	<u>Ceiling</u>	
3.0	<u>Windows and Doors</u>	
4.0	<u>Cabinetry</u>	
5.0	<u>Toilets</u>	
6.0	<u>Guttering and Drainage</u>	
7.0	<u>Electrical</u>	
8.0	<u>Concrete Wall Repairs</u>	
9.0	<u>Concrete Retaining Wall Repairs</u>	
10.0	<u>3.0 Gate Repairs</u>	
11.0	<u>Site Cleanup and Demobilize</u>	
<b>12.0</b>	<b><u>Construct Temporary Storage – 32' (L) x 24' (W) x 9' (H)</u></b>	
<b>13.0</b>	<b><u>Construct Security Booth - 10'(L)x8'(W) x9'(H)</u></b>	
<b>14.0</b>	<b><u>Upgrade Building Floor (upper floor)</u></b>	
<b>15</b>	<b><u>Sea Food Technology Section</u></b>	
	SUB-TOTAL	
	(Vat 12.5%)	
	TOTAL	



Column and Gate Sections