



**Division of Food Security, Natural Resources, The Environment & Sustainable Development
Procurement Unit, Shirvan Administrative Complex,
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29th April 2024

AMENDMENT

Reference is made to the Invitation To Tender (ITT) DFSNRES D 2023/24-006 Repair Works to Roxborough Fish Facility.

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

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

Procurement Unit

BILL OF QUANTITIES – Amendments are in RED
Repair and Upgrade to Roxborough Fishing Facility

| ITEM | DESCRIPTION | QTY. | UNIT | RATE | TOTAL |
|------------|--|--------|------|------|-------|
| 1 | PRELIMINARIES | | | | |
| 1.1 | To cover the cost of Storage; Signage, Survey works; Spray paint; Stakes; Caution tape; Insurance; OSHA and EMA Requirements | | | | |
| 1.1.1 | Allow for the storage of contractor's items. Note that the Division will not be held responsible for lost or missing items regardless of the Division Security onsite. | | sum | | |
| 1.1.2 | Allow for insurance/s in accordance with tender document | | sum | | |
| 1.1.3 | Allow for PPE and other safety items for site workers in accordance with necessary regulations set by OSHA. | | sum | | |
| | Total carried to summary | | | | |
| 2 | Superstructure | | | | |
| 2.1 | Vending Area | | | | |
| 2.1.1 | Allow for the servicing and proper functioning of A/C units. Include for replacing brackets painted with anti-corrosive paint | 3 2 | nr | | |
| 2.1.2 | Allow for the fixing of water leaks on vending tables (including faucet) | | sum | | |
| 2.1.3 | Allow for the cleaning and painting of all burglar proof on the building (marine paint) | | sum | | |
| 2.1.4 | Procure and install nozzle on fire hose reel in accordance with the Trinidad & Tobago Fire Service requirements | 1 | nr | | |
| 2.1.5 | Allow for the fixing/ repair of "band saw" | 1 | nr | | |
| 2.1.6 | Allow for the fixing of "fish grinding machine" | 1 | nr | | |
| 2.1.7 | Remove extractor fan | 1 | nr | | |

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|------------|---|--------|-----|--|--|
| 2.1.8 | Procure and install extractor fan (similar size and type) | 1 | nr | | |
| 2.1.9 | Remove existing A/C unit from Supervisor's Office and procure and install one (1) 1.5 ton A/C unit mounted on brackets and complete with heresite treatment. | 1 | nr | | |
| 2.1.10 | Remove the base from locker storage in the vending area and replace same with treated RPP timber – painted with white oil base paint | 20 | ft2 | | |
| 2.1.11 | Allow for the construction of ten (10) lockers in the open space next to the external stair case. Each locker is to be 3 feet wide x 3 feet dept x 9 feet/ floor to ceiling height – constructed from 4"x8"x16" concrete block, rendered both sides and painted in similar colour to other internal walls. Include for 3 feet x 80 inch aluminum door frames, cedar doors painted, two level shelve (painted), timber door handles and 6" hasp & staple with 6" pad locks. Also include for screed floor from within lockers and corridor, graded towards external door way | | sum | | |
| | Total carried to summary | | | | |
| | | | | | |
| 3.1 | Main Office & Kitchen | | | | |
| 3.1.1 | Allow for the removal of damaged tiles in main office | 240 | ft2 | | |
| 3.1.2 | Supply, lay and grout 17" x 17" floor tiles (anti-skid). Note that approval must be obtained from the client regarding the type of tiles and pattern to be installed. | 240 | ft2 | | |
| 3.1.3 | Allow for the removal of existing counter top and sink in kitchen | | sum | | |
| 3.1.4 | Construct shaker style kitchen cupboards (floor to ceiling), include for under mount double stainless steel sink, goose's neck faucet, microwave slot (22 inches wide) and quartz counter top | 125 | ft2 | | |
| 3.1.5 | Remove, supply and install doorknob, deadbolt and hinges on metal doors at the back of the facility | 2 3 | nr | | |
| | Total carried to summary | | | | |
| | | | | | |
| 4.1 | Toilet Area | | | | |
| 4.1.1 | Enclose toilet space with 4" concrete block, rendered half inch thick on both sides. Include for painting same in colour similar to existing wall. Also include allow | 22 | ft2 | | |

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| | for the procuring and installation of 32" x 80" aluminum door frame and cedar door to fit (painted) – doorknob install on same space | | | | |
| 4.1.2 | Procure and install 32" x 80" cedar panel door with doorknob. Include for painting door white. | 1 | nr | | |
| 4.1.3 | Allow for the removal of toilets sets. Include for procuring and installation of new armitage toilets sets | 3 | nr | | |
| 4.1.4 | Allow for the cleaning of face basins | 2 | nr | | |
| 4.1.5 | Remove existing urinal and procure and install new urinal | 1 | nr | | |
| 4.1.6 | Allow for the removal of damaged tiles as directed | 36 | ft2 | | |
| 4.1.7 | Supply, lay and grout 17" x 17" ceramic floor tiles (anti-skid tiles). Note that approval must be obtained from the client regarding the type of tiles and pattern to be installed. | 36 | ft2 | | |
| 4.1.8 | Allow for the cleaning of tiles in bathroom area. | | sum | | |
| 4.1.9 | Allow for the fixing of clogged drain line in bathroom area. Include for cutting concrete walkway, lay two (2) inch drain line and repair same on completion. | | sum | | |
| 4.1.10 | Allow for the fixing and cleaning of all windows on site | | sum | | |
| | Total carried to summary | | | | |
| | | | | | |
| 5.1 | Gas Storage Building – 24' x 14' x 9' external measurement | | | | |
| 5.1.1 | Cast concrete base 6" above existing ground level. Include, for 6x6x5 gauge BRC in base, 3,000psi concrete monolithic cast and all necessary formwork | 336 | ft2 | | |
| 5.1.2 | Procure and lay 4"x8"x16" concrete block to external walls. Include for cement/ sand to lay blockwork and render half inch thick on both sides | 690 | ft2 | | |
| 5.1.3 | Procure and lay 4"x8"x16" concrete block internally for locker wall (three (3) feet wide x four (4) deep lockers). Include for cement/ sand to lay blockwork and render half inch thick on both sides. In addition, allow for the installation of 2" x 4" cedar door frames - 3' x 80" cedar panel doors - four inch (4") heavy duty hasp and staple, and four (4") pad lock on all doors - all doors painted with brown oil base paint, | 600 | ft2 | | |

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| 5.1.4 | Construct concrete roof: 3,000psi with 1/2 inch HT steel at 6 inches c/c both ways. Include for formwork and a 1:40 slope | 375 | ft2 | | |
| 5.1.5 | Supply and apply marine base paint to all wall in a colour similar to the existing | 2,580 | ft2 | | |
| 5.1.6 | Allow for the install of 2"x6" RPP engine rack in each locker. Include for 3"x12"x1" thick timber shelve securely fix against back wall | | sum | | |
| 5.1.7 | Supply and install two (2) 4' LED lights in hallway, include for LED bulbs in each locker, dust to dawn lights at front of building. All works to be done in accordance with electrical code. | | sum | | |
| 5.1.8 | Allow for one (1) out door shower – placed on south side of gas storage building. Include for cutting and fixing shallow trench on concrete deck for pipe work – water supply is to be taken from stand pipe on concrete deck. | | sum | | |
| | Total carried to summary | | | | |
| | | | | | |
| 6.1 | Security Booth – 10' x 8' x 9' high | | | | |
| 6.1.1 | Cast concrete base 6" above existing ground level. Include, for 6x6x5 gauge BRC in base, 3,000psi concrete monolithic cast and all necessary formwork | 80 | ft2 | | |
| 6.1.2 | Construct building envelope with 4 inch x 8 inch x 16 inch concrete block; rendered both sides with 1/2" cement mortar. Include for three (3) nr 4 feet x 4 feet windows on three (3) sides of building as directed and one (1) nr 36 inch x 80 inch door. Windows - swing type upvc casement and door to be half leaf (1/2) cedar) top portion to contain glass. | 324 | ft2 | | |
| 6.1.3 | Construct concrete roof: 3,000psi with 1/2 inch HT steel at 6 inches c/c both ways. Include for formwork and a 1:40 slope. Include for gypsum ceiling | 80 | ft2 | | |
| 6.1.4 | Supply and install all electrical fittings in accordance with electrical code: all conduits in wall, three 110 plugs, lights and switch – lights to be LED - dust to dawn lights at back and front of the building | | sum | | |
| 6.1.5 | Supply and lay porcelain tile, and allow for paint to interior and exterior of building in similar colour to main fishing facility. | 702 | ft2 | | |

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| 6.1.2 | Allow for one (1) - 3 feet x 4 feet toilet in security booth. Include for plumbing works, connect waste line to ATU system, painted 32" x 80" cedar panel door, procure and install armitage toilet set, face basin and faucet, timber awing at front of building. | | sum | | |
| | Total carried to summary | | | | |
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| 7.1 | Painting | | | | |
| 7.1.2 | Power wash external wall surfaces on main building, fix imperfections (cracks, holes, dents, remove rusted items etc), then apply two coats of marine paint (Berger) on all walls. Cater for similar colour to existing to be applied . Include for prepping all internal walls and apply surface finish paint (Berger) as existing. | 2,807 3,550 | sq ft | | |
| 7.1.3 | Strip existing paint on roof top - repair all cracks on flat and vertical serfaces and apply volkem 801 waterproofing to concrete roof area according to manufacturer's specification. | 1,938 | sq ft | | |
| | Total carried to summary | | | | |
| | | | | | |
| 8.1 | External Works | | | | |
| 8.1.1 | Supply and install plastic coated chain-link fence. Include for two inch (2") galvanize post 8' apart and concrete casting to footing up to 4" above ground. Also include for 1-1/2" galvanize pipe at bottom, middle and top. | 30 | ft | | |
| 8.1.2 | Inspection of the electrical system on the building (internal and external plugs, switches, wires). Allow for making good any irregularity to comply with electrical standards. Remove existing flood lights and upgrade all dust to dawn lights (3) to LED 250 watts flood lights | | sum | | |
| 8.1.3 | Allow for the cleaning, removal and disposal of all construction waste to an approve laydown yard and or dump site | | sum | | |
| 8.1.4 | Allow for the removal of the generator outer shell and other items within the space. Include for rendering block wall and makeup edges (45 sqft) and apply paint finish. Also allow for the | | sum | | |

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|-------|--|--|-----|--|--|
| | fabrication and installation of metal gate 6feet (H) x 4feet (W) with locking devices - gate material to be 1inch GI pipe framing and 1/2 inch vertical pieces 4 inches c/c - all pipes painted with anti-corrosive paint (24 sqft) | | | | |
| 8.1.5 | Allow for the fixing of damaged areas on chain link fence. Include for painting all column post, horizontal pieces and tracks – remove and replace all gate wheels (stainless steel wheels) – repair metal bracket to allow for gates to be locked internally. | | sum | | |
| | Total carried to summary | | | | |

BILL OF QUANTITIES
Repair and Upgrade to Roxborough Fishing Facility

| Item | Description | Total |
|------|---|-------|
| 1.0 | Preliminaries | |
| 2.1 | Vending Area | |
| 3.1 | Main Office & Kitchen | |
| 4.1 | Toilet Area | |
| 5.1 | Gas Storage Building (24' x 14' x 9' high - External Measurement) | |
| 6.1 | Security Booth – (10' x 8' x 9' high - External Measurement) | |
| 7.1 | Painting | |
| 8.1 | External Works | |
| | Sub Total | |
| | VAT | |
| | Total | |