

GOVERNMENT OF ST VINCENT AND THE GRENADINES
 MINISTRY OF TRANSPORT, WORKS, LANDS AND PHYSICAL PLANNING
 CUMBERLAND RIVER DEFENCE
 BILLS OF QUANTITIES

ITEM	DESCRIPTION	UNIT	QTY	VAT Inclusive	
				RATE	AMOUNT
	CLASS A: GENERAL ITEMS				
	<i>Contractual Requirement</i>				
A110.0	Performance bond	Sum			-
A120.0	Insurance for the Work	Sum			-
A130.0	Third party insurance	Sum			-
	<i>Specified Requirements, all in accordance with Engineer's Specifications</i>				
A233.1	Equipment for use by Engineer's Staff, Survey Equipment, include for Establishment, Removal and Maintenance during construction.	Sum			-
A242.1	Attendance upon Engineer's Staff, Chainmen and the like, Time Related Charge	Sum			-
A250.1	Testing of materials, including site tests and observations: permeability, groundwater level, plate bearing capacities and the like all in accordance with Engineer's Specifications	Sum			-
	<i>Method-Related Charges Accommodation and Buildings, (clause 1.22)</i>				
A311.1	Offices, Fixed Charge	Sum			-
A315.1	Canteens and Mess rooms, Fixed Charge	Sum			-
	<i>Method-Related Charges, Services</i>				
A321.1	Electricity; Time-related	Sum			-
A322.1	Water; Time-related	Sum			-
A323.1	Security; Time-related	Sum			-
A357.1	Method Related Charges- Temporary Works- De-watering or pumping related to works within the river channel - Time Related	Sum			-
	GENERAL ITEMS				
	Carried to Summary				-

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ITEM	DESCRIPTION	UNIT	QTY	VAT Inclusive	
				RATE	AMOUNT
	RIVER DEFENCE WORKS				
	64 M/ 211 Feet x 10'-6" Ht. Boulder Packing Wall with Concrete Matrix				
	Excavation and Earthworks				
	<i>Notwithstanding the provisions of the CESMM3 the contractor is to include in his rates for working space and any measures he may deem necessary to protect works near/ below a body of open water</i>				
E222.1	Material other than topsoil, rock or artificial hard material. Depth: from 0.0 ft. to 4 ft. generally below a body of open water	CY	67		-
E233.1	Removal/ Mining/ Dismantling of existing boulders to be use and reused, include for all necessary stockpiling prior to installation	CY	263		-
E614.1	Filling to structures, selected excavated materials other than top soil or rock , generally	CY	230		-
E616.1	Filling to structures, imported granular material, drainage layer	CY	31		-
E626.1	Filling to structures, to stated depth to thickness 3ft. Selected local wall toe rock material, generally local backfill materials	CY	79		-
E730.1	HPS Non-woven needlepunched polyester fabric, DTp specified to surfaces as per drawings	SY	455		-
	Revetment				
G144.1	Formwork, rough finish, plane horizontal to side of foundation, 2 feet high	SY	94		-
G144.2	Formwork, rough finish, plane horizontal to side of revetment, height as specified	SY	492		-
I111.1	Weeper holes using schedule 40 PVC pipe - 1:10 slope with outlet finish set at 2' above mean river water level at section, horizontal spacing 4', vertical spacing 2' (offset midpoint of lower weeper hole layer)	LF	636		-
U824.1	Grouted rock reventment base/ footing, size of boulders ranging from 1'-0" -3'-0" (S.G., x ≤ 120 Lb/cu.ft), voids filled with 3000psi concrete, depth or thickness 2'-0", selected local base rock approved by Engineer, generally	CY	149		-
U824.2	Grouted Rock Revetment wall; size of boulders ranging from 1'-0" -3'-0" subject to Engineer's approval (S.G., x ≤ 120 Lb/cu.ft), voids filled with 3000psi concrete	CY	472		-
	RIVER DEFENCE WORKS				
	Carried to SUMMARY				-

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ITEM	DESCRIPTION	UNIT	QTY	VAT Inclusive	
				RATE	AMOUNT
	SUMMARY				
A	DAY WORK				-
B	GENERAL ITEMS				-
C	RIVER DEFENCE WORKS				-
	SUB-TOTAL				-
	General Contingencies @ 15% to be used as directed by the Engineer				-
	GRAND SUMMARY				
	Carried to FORM OF TENDER				-