Electrical

PRELIMINARIES / GENERAL conditions

	Qty	Unit	Rate	$	c

PRELIMINARIES / GENERAL conditions

INFORMATION

Project Particulars

Project particulars

Name and nature of location

Cultural Center Renovations; Little Bay, Montserrat

Names and addresses of employers and consultants

Employer: Government of Montserrat

Project Manager; Government of Montserrat

Quantity Surveyor; Government of Montserrat

Tender and contract documents

Documents

List of drawings / other documents

To be used for contract; General Conditions of Contract

Description of the Works

Description of the work

Renovation

Renovation works to include but not limited to; demolition of external and internal wall scones, demolition of external lamp post lights demolition of staircase riser lights; supply and installation of external and internal wasll scones, staircase riser lights, solar pole mounted external lights, and solar system to include batteries.

	Qty	Unit	Rate	$	c

The Contract / Sub Contract

Form of contract

Performance guarantee bond / collateral warranties

Minimum Amount of third party insurance EC $68,481.61

Employers requirements: Security / Safety /Protection

Employers requirements or details stated

Nuisance

Take all responsible precautions to prevent nuisance from noise, smoke, dust, rubbish, vermin and other causes. No employee of the Contractor shall posses or use any smoking Paraphernalia or sharp objects on the site at anytime and shall be expected to comply with all Government of Montserrat and the Montserrat Cultural Centre rules and regulations.

Security

The site of the proposed Works shall be under the Contractor's sole charge from the date of possession to the date of completion of the Contract. The Employer will provide a site supervisory representative to be responsible for the day to day onsite management of the project and as a liaison between GOM and the Contractor. The Contractor nor any employee of the Contractor must take any instructions from any person or representative of the Cultural Centre. Any instructions in respect of this project must be in writing or verbally with the Employer representative or from the Management Team, where a verbal instruction is given, that instruction must be confirmed in writing within three (3) days. The Contractor shall provide the necessary Security to watch and effectively protect the works and materials stored on site and accept all risks for damage or loss. Provide all necessary protection i.e. barricades, screens, etc. for the protection of workers, public and any GOM representatives. The Contractor is expected to alter, adapt and maintain these protections throughout the project where necessary and clear away on completion and reinstate all work disturbed to the satisfaction of the Employer and any legal or statutory authorities.

		Qty	Unit	Rate	$	c
	Fire Prevention Smoking will not be permitted on the site, equipment or any area of work. Burning of materials arising from the work will not be permiitted. Contractors general cost items: Quality standards/control **Quality standards** Quality assurance of materials and workmanship is necessary to ensure safe and secure quality construction finishes. Under the terms of the contract, Contractors are required to provide and maintain a quality management system, which includes regular inspections and review of the quality and standards of materials and workmanship. The Employer representatives will physically verify the quality and standards of the materials and the quality and standards of workmanship produced. However, where the quality and standards of materials and or workmanship does not comply with the contractual obligations, the Contractor where necessary must agrre corrective actions to be taken. Contractors general cost items: Services and facilities **Services and facilities** Safety, health and welfare					
A	Include for complying with all local statutes and regulations in force relating to the safety, health and welfare of work, people employed in connection with the works on site or in places where work is being prepared for incorporation into the Works, and for keeping and maintaining at all times an adequate First Aid kit on the site. Contractors must ensure measures are in place to ensure the Safety Health and Welfare of the staff and public.Contractors must comply with any imposed Government restrictions issued under legislation and follow Government of Montserrat COVID-19		Item			

		Qty	Unit	Rate	$	c
	Storage of materials					
A	Provide and maintain proper storage for materials, plant and items brought on to site for use in the Works. Location of storage, material and plant areas to be agreed with Project Manager.		Item			
	Rubbish disposal					
B	Provide for removing all rubbish from the site daily and deposit at the New Windward approved dump site both as it accumalates from time to time and on completion of the works, and for generally keeping the works and the site clean and tidy at all times.		Item			
	Cleaning					
C	The Contractor shall maintain the site in a clean and tidy condition for the duration of the contract and must remove all storage facilities, equipment, materials and clean the building on completion for handover.		Item			
	Protection of work in all sections					
D	Allow for all work in connection with protecting all of the Works, by whatever means necessary from any kind of damage. Provide all necessary general protection that may be required and clear away when no longer needed and reinstate any work which has become damaged or stained		Item			
	Provide and maintain proper signage					
E	The Contractor shall be responsible for maintaining and providing all signage to notify the public and any other personnel of the construction, no access areas and all other signs required to ensure safety control must be in place throughout the project and removed on completion.		Item			

		Qty	Unit	Rate	$	c
	General attendance on nominated sub-contractors					
A	Provide attendance upon, cut away for and make good after trades performed by own workmen and own sub-contractors and leave perfect on completion. Provide general attendance on nominated sub-contractors which shall be deemed to include allocation, for free use by sub-contractor, of suitable areas on site for storage of plant and materials, reasonable free use of scaffolding and hoist which is already erected by the Contractor and also clean away rubbish.		Item			
	A54: PROVISIONAL WORK					
	Include the following Provisional Sums:-					
	For undefined work					
B	contingencies		Item			

	Qty	Unit	Rate	$	c
Collection From					
1/1					
1/2					
1/3					
1/4					
1/5					
PRELIMINARIES / GENERAL conditions Carried to Summary					

		Qty	Unit	Rate	$	c
	DEMOLITION/ALTERATION/RENVATION					
	C10: DEMOLISHING STRUCTURES					
	Various locations on site					
	Demolishing individual structures					
A	Carefully remove external wall mounted lights	50	No			
B	Carefully remove staircase riser lights	80	No			
C	Carefully remove external pole mounted light	12	No			
D	Carefully remove double lights internally	17	No			
E	Carefully Remove single lights internaly	20	No			

		Qty	Unit	Rate	$	c
	Collection From 1/7					
	DEMOLITION/ALTERATION/RENOVATION Carried to Summary					

		Qty	Unit	Rate	$	c
	VENTILATION/AIR SYSTEMS					
	U32: DUAL-DUCT AIR CONDITIONING					
	Daikin 5 ton unit; to include dehumidifiier, outdoor unit, refrigerant lines, condensate pumps, zone thermostats, drain tubing & accessories, control wiring and smart network					
A	Auditorium; as per specification	6	No			
B	Foyer roon, as per specification	3	No			
	Mini split unit; to include outdoor unit, drain tubing & accessories, refrigerant lines and all other components					
C	12000 BTU; as per specification	3	No			
D	18000 BTU; as per specification	2	No			

		Qty	Unit	Rate	$	c
	Collection From 1/9					
	VENTILATION/AIR CONDITIONING SYSTEMS Carried to Summary					

		Qty	Unit	Rate	$	c
	ELECTRICAL SUPPLY/POWER/LIGHTING SYSTEMS					
	V20: LV DISTRIBUTION					
	Luminaires					
	Wall type					
A	reference *; externally	50	Nr			
B	reference; single light	20	Nr			
C	reference; double light	17	Nr			
	Staircase riser type					
D	reference *	80	Nr			
	Solar pole mounted type					
E	reference *; externally	12	Nr			
	Installation generally					
	Testing and commissioning in accordance with IEE Regulations 15th Edition; disconnecting equipment not subject to installation tests					
F	incoming services		Item			
	V90: Solar Power					
	Solar Panels to include panels and batteries					
	Testing and commissioning in accordance with IEE Regulations 15th Edition; disconnecting equipment not subject to installation tests					
G	solar installation		Item			

	Qty	Unit	Rate	$	c
Collection From 1/11					
ELECTRICAL SUPPLY/POWER/LIGHTING SYSTEMS Carried to Summary					

Electrical

		Qty	Unit	Rate	$	c
	Summary PRELIMINARIES / GENERAL conditions / 6 DEMOLITION/ALTERATION/RENOVATION / 8 VENTILATION/AIR CONDITIONING SYSTEMS / 10 ELECTRICAL SUPPLY/POWER/LIGHTING SYSTEMS / 12					
	To Final Summary					