THE URBAN DEVELOPMENT CORPORATION OF TRINIDAD AND TOBAGO LIMITED (UDeCOTT)

REQUEST FOR PROPOSALS

Modified Design-Build Services for the Restoration and Upgrade of the National Museum and Art Gallery

The Urban Development Corporation of Trinidad and Tobago Limited (UDeCOTT) hereby invites suitably qualified and experienced entities to submit proposals for the **Provision of Modified Design-Build Services for the Restoration and Upgrade of the National Museum and Art Gallery.**

The successful contractors shall be chosen using a competitive selection process as set out in the Requests for Proposals (RFP). Proponents are advised that submissions must include ALL the documents as set forth in the RFP. Failure to do so may result in disqualification.

INSTRUCTIONS FOR PURCHASE OF RFP PACKAGE

The tender process for this project will be conducted via UDeCOTT's E-Tender System. To access the Vendor Registration, proponents are required to go to UDeCOTT's website at udecott.com, place the cursor over the **tenders menu** at the top of the page, then select **E-Tender portal** in the drop-down list. Once registered, an automated email will be sent to the registered email account directing the proponent to activate their E-Tender account. Once the account is activated, the proponent will then be allowed access to view the RFP on the E-Tender System.

Should you encounter any technical difficulties in accessing or using the system, you are to immediately contact our IT Helpdesk at 225-4004 ext. 206 or etenderhelpdesk@udecott.com, carbon copying the Secretary of the Tenders Committee at tendersecretary@udecott.com.

The RFP package will be available for purchase from **August 2, 2022**. To download the RFP package, you will be required to select and purchase the RFP **via online payment**. The cost of the RFP package is **$2,500.00 VAT Inclusive**.

SITE VISIT AND INFORMATION SESSION

An **Online Information Session** will be held **via Microsoft Teams** on **Tuesday August 9, 2022 at 11:00 a.m.** This will be followed by a **Site Visit** commencing at **2:00 p.m.** Interested parties are kindly asked to confirm their availability, together with the **names and preferred email addresses** of their representatives who will be in attendance, via email to tendersecretary@udecott.com.

The Project Site is situated on **117 Fredrick Street, Port Of Spain.**

SUBMISSION

Proponents are advised that submissions must include ALL the documents as set forth in the RFP and must be in accordance with the terms therein.

Failure to do so may result in disqualification.

Proponents are advised that **only PDF** files can be uploaded onto the E-Tender platform. The responsibility for file conversion resides with the Proponent and failing to submit proposals in PDF format may result in disqualification.

The deadline date for submissions is **August 30, 2022 at 2:00 p.m.**

Additional information may be requested through email forwarded to the attention of **The Secretary, Tenders Committee** at tendersecretary@udecott.com.

UDeCOTT reserves the right to reject any or all proposals for failure to comply with any mandatory requirements stated in the RFP.

SECRETARY, TENDERS COMMITTEE

udecott

Urban Developement Corporation of Trinidad and Tobago Limited

USER BRIEF

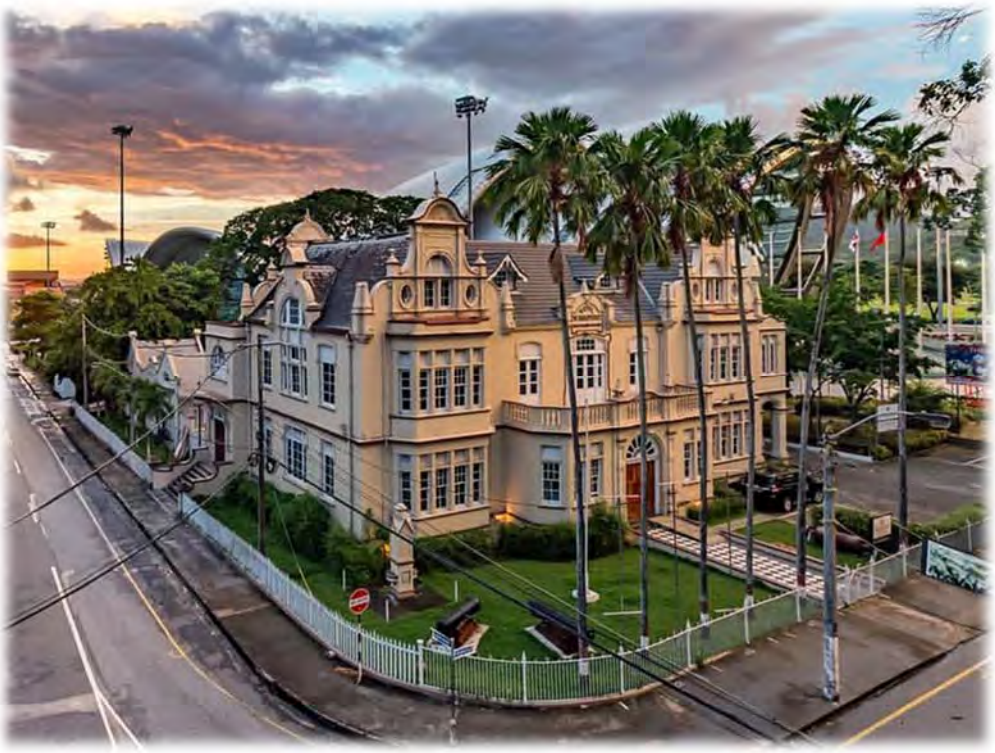
RESTORATION AND UPGRADE OF THE NATIONAL MUSEUM AND ART GALLERY OF TRINIDAD AND TOBAGO - PHASE 1

BACKGROUND

The National Museum and Art Gallery of Trinidad and Tobago was originally established in 1892 as the Royal Victoria Institute to commemorate the Diamond Jubilee of Queen Victoria. It is located at 117 Frederick Street, Port of Spain, opposite Memorial Park and just south of the Queen's Park Savannah. This museum displays depictions of national festivals, life during the World War II and artefacts from the country's earliest settlers, the Amerindians. There are also displays by leading local and international artists. However, the Museum is currently in a state of disrepair and requires repair and refurbishment works.

It is to be noted that this museum is listed as Grade 3 on the National Trust's Heritage Asset Inventory which is the official list of Trinidad and Tobago's historic sites that are worthy of notation and preservation. Grade 3 property is described as the restoration works may be allowed (a) alterations to international non-structural components and roof cladding material; or (b) specified alterations to the internal structure.

The museum currently hosts about 300 visitors per month, with a maximum flow of 100 visitors on a very busy day.



OBJECTIVE

The purpose of this User Brief is to provide a detailed description of the user to guide Proponents in the preparation of their responses to the Request for Proposal (RFP) for Restoration and Upgrade of the National Museum and Art Gallery of Trinidad and Tobago (herein referred to as "Project").

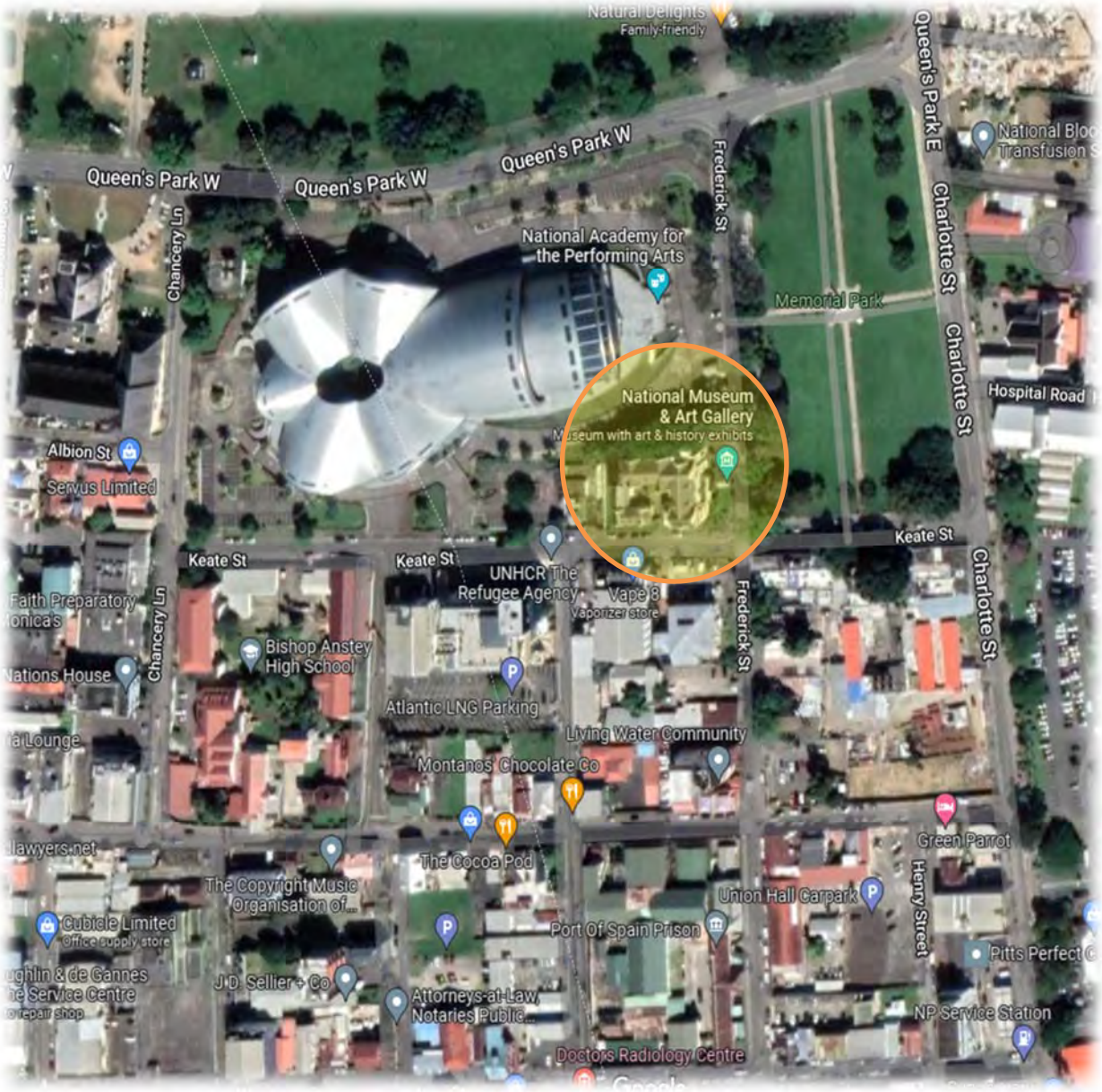
This User Brief shall be read in conjunction with the following Appendices and shall be used as a guide by the Proponents in developing their proposals:

Appendix 1	-	**As-Built Drawings**
Appendix 2	-	**Existing Room Area Schedules**
Appendix 3	-	**Existing Exhibit Area and Display Case Measured Survey Schedules**
Appendix 4	-	**Existing Exhibit Area and Display Case Location Reference Plans**
Appendix 5	-	**Existing Exhibit Area and Display Case Photographic Survey**
Appendix 6	-	**Condition Survey, Executive Summary and Repairs Guidance Report**
Appendix 7	-	**Demolition Plans**
Appendix 8	-	**Proposed Room and Gallery Schedules**
Appendix 9	-	**Design Considerations – Proposed Zoning Plans, Operations Flow and Circulation**
Appendix 10	-	**General Performance Specifications**

The project can be completed within twelve (12) months and is inclusive of, but not limited to, site evaluation, design, procurement, execution and project closeout. The Project shall commence upon issuance of Letter of Award and confirmation of a Commencement Date.

THE SITE

The National Museum and Art Gallery of Trinidad and Tobago is located at 117 Frederick Street, Port of Spain, opposite Memorial Park and just south of the Queen's Park Savannah.



GENERAL NOTES:

a) The Modified Design-Build ("MD-B") Contractor shall conduct all the necessary investigations, studies and analyses, update current drawings, and prepare final designs for the successful completion of the project as per the intent use as mentioned in the objective above. These will then serve as the groundwork for the subsequent procurement, construction, supply, and installation stages.

b) Duration of each service/works is in calendar days, inclusive of Saturdays, Sundays and public holidays.

c) Units of system shall be metric, unless otherwise directed by the Client.

d) All sketches, drawings, calculations, materials lists, bills of quantities, methodology, reports, and project schedules shall be submitted in both hard copy and digital format (electronic copy) via CD-ROM or any portable storage device e.g. USB flash drive.

Submittals	Hard Copy	Electronic Copy
Sketches and Drawings	minimum acceptable sheet size is 11" x 17"	AutoCAD 2010 (or above) and PDF
Project Schedules	minimum acceptable sheet size is 11" x 17"	MS Project 2010 (or above) and PDF
Reports, analysis, charts	minimum acceptable sheet size is 8.5" x 11" or as appropriate (colour printed on one side only)	MS Word or/and MS Excel and PDF
Photography	Should be included in the report or as appropriate (colour printed on one side only)	JPEG and PDF
Presentation	As appropriate (print on one side only)	MS PowerPoint and PDF

e) All designs and drawings must adhere to, respect and compliment the historic design and integrity of the buildings. **The preservation/protection/retention of the historical**

significance, characteristics, appearance, features and aesthetics of the historical building (and ancillary assets) is a mandatory requirement.

f) All designs and calculations shall be prepared in accordance with, and in compliance with, the guidelines, regulations and statutory requirements of all Governmental Statutory and Regulatory Agencies, which include:
   a) Town & Country Planning Division (TCPD)
   b) Ministry of Works and Transport (MOWT) – Guidelines for Rehabilitation of Historical Buildings, Designs Branch, Highways Division, Traffic Management Branch, Drainage Division, and other applicable Divisions
   c) Water and Sewerage Authority (WASA)
   d) Trinidad and Tobago Electricity Commission (T&TEC)
   e) Port of Spain City Corporation
   f) Local Health Authorities
   g) Occupational Safety and Health Authority (OSHA)
   h) National Trust of Trinidad and Tobago
   i) Regional Corporations
   j) Trinidad and Tobago Fire Services Authority
   k) Environmental Management Authority (EMA)
   l) Telecommunications Services of Trinidad & Tobago (TSTT)
   m) National Museum and Art Gallery Act

g) The codes and standards to be used in the designs are listed below at a minimum. The MD-B Contractor may propose other codes and standards as long as it is acceptable to the guidelines, regulations and statutory requirements of all Governmental Statutory and Regulatory Agencies of Trinidad and Tobago.

Architectural Designs

a) Uniform Building Code (UBC) 1997
b) National Fire Protection Association (NFPA)
c) Uniform Fire Code (UFC) 2000 - Uniform DO 58 Structural Fire Code
d) Underwriter's Laboratories Inc. (UL)
e) National Electrical Manufacturer Association (NEMA)
f) Americans with Disabilities Act Accessibility Guidelines (ADAAG) – Barrier Free Plumbing Fixtures
g) American National Standards Institute (ANSI)
h) International Building Code (IBC) – Latest Edition

Structural Engineering Designs

Local Codes and Standards as per Ministry of Works and Transport (Design Engineering Branch)

a) Vertical Loads:
ASCE 7 - 05

b) Earthquake Loads
IBC 2009
ASCE 7-05
Refer to Seismic Research Unit website http://www.uwiseismic.com/Maps.aspx for Hazard Maps of Trinidad and Tobago

c) Wind Loads
ASCE 7 - 05
(Trinidad 117mph, Tobago 130mph – 3 sec. Gust for Trinidad and Tobago)

d) Reinforced Concrete Designs
ACI 318-05 for IBC 2006

e) Structural Steel
AISC 341 – 05 including Supplement No. 1 dated 2006
AISC 360 – 05
AISC 358 - 05 including Supplement No. 1 dated 2009

f) Structural Masonry
ACI 530-05
ASCE 5-05
TMS 402-02

g) General Requirements for Seismic Structural Design:

1. Every structure and every portion thereof shall, as minimum, be designed, detailed and constructed to resist the effects of seismic ground motions. Additionally, all detailing must be in accordance with the material standards referred to in the Code used for the particular force resisting systems.

2. Where code prescribed wind design produces greater effects, seismic design detailing requirements and limitations pre- scribed in the approved codes IBC 2009 shall be followed.

3. A continuous load path, with adequate strength and stiffness shall be provided which will transfer all forces from the place of application to the resisting elements.

4. Where calculations include the results from a computer program, the following information must be submitted:-
   i. A labelled drawing of the complete structural model used to represent the structure in the computer-generated analysis;
   ii. At the discretion of the building official, a presentation/demonstration of the use of the program for the design shall be required;
   iii. Input Data shall be provided via a printout from the structural program used;
   iv. Where the structural design is generated via the computer software/programme, hand calculations or detailed spreadsheets for each typical Primary structural element must be provided, as required by the building official.

International Codes (Latest Edition)

a) International Building Code (IBC)
b) American Society of Civil Engineers - ASCE 7-95 Minimum Design Loads for Buildings and other structures – Live Loads and Wind Loads
c) BS 8110: Part 2, Structural Use of Concrete
d) Uniform Building Code (UBC)
e) 2000 Uniform Structural Fire Code (UFC)

North America Codes

f) ACI - American Concrete Institute
g) ACI - American Concrete Institute publications to be utilized in the design of concrete and masonry structural elements in accordance with the requirements of IBC 2006 and ASCE 7:
h) 318-05: Building Code Requirements for Structural Concrete and Commentary
i) 530-05: Building Code Requirements for Masonry Structures and Commentary
j) AISC - American Institute of Steel Construction publications to be utilized in the design of structural steel structural elements in accordance with the requirements of IBC 2006 and ASCE 7:
k) 303-05: Code of Standard Practice for Steel Buildings and Bridges
l) 325-05: Steel Construction Manual – Thirteenth Edition
m) 327-05: Seismic Design Manual
n) AISI - American Iron and Steel Institute
o) ANSI - American National Standards Institute
p) ASTM - American Society for Testing and Materials
q) ASCE - American Society of Civil Engineers

Mechanical Engineering Designs

AMSE B31	Standards of Pressure Piping
ASME B16	Standards of Pipes and Fittings
ASHRAE	American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
ASHRAE 55	Thermal Environmental Conditions for Human Occupancy
ASHRAE 90.1	Energy Standard for Buildings except Low-Rise Residential Buildings
ASHRAE 62.1	Ventilation for Acceptable Indoor Air Quality
ICC IC 2007	2007 Supplement to the International Codes
ICC IFC 2006	2006 International Fire Code
ICC IPC 2006	2006 International Plumbing Code
ICC IMC 2006	2006 International Mechanical Code
ICC IFGC 2006	2006 International Fuel Gas Code
ICC IECC 2006	2006 International Energy Conservation Code
ICC IWUIC 2006	2006 International Wildland-Urban Interface Code
ICC IEBC 2006	2006 International Existing Building Code
ICC IPSDC 2006	2006 International Private Sewerage Disposal Code
NFPA 10	Standards on Portable Fire Extinguishers
NFPA 13	Standard for the Installation of Sprinkler System
NFPA 15	Standard water spray fixed systems for fire protection
NFPA 14	Standard for the Installation of Standpipes and Hose Systems
NFPA 22	Water Storage Tank Systems
NFPA 909	Code for the Protection of Cultural Resource Properties

Trinidad and Tobago Bureau of Standards

Electrical Engineering Designs

IBC	International Building Code
TTBS	Trinidad and Tobago Bureau of Standards
TTS-171	Trinidad and Tobago Electrical Wiring Code
ANSI C34.2	Substation Transformers and Rectifier Units
ANSI C37.13	Low Voltage AC Breakers
ANSI C37.14	Low Voltage DC Breakers
ANSI C37.16	Low Voltage Breakers and AC Protectors
ANSI C57.12.01	Transformer - General Requirements for Dry Type Distribution
ANSI C63.12	Electromagnetic Compatibility
ANSI C7.14	Stranding of Conductors

ANSI C80.3	Electrical Metallic Tubing, Zinc-Coated
ICEA Class H	Flexible Cables
IEEE 730	Software QA Plans
IEEE 830	Recommended Practice for Software Requirements Specifications
NEC	2008 National Electrical Code
NFPA 70	National Electric Code
NFPA 72	National Fire Alarm Code
NFPA 780	Standard for the Installation of Lightning Protection Systems
UL 96A	Lightning Protection
IEEE Std 1100	Powering and Grounding Electronic Equipment

Trinidad and Tobago Bureau of Standards

MD-B SERVICES STAGES AND DURATION

SERVICE STAGE	DESCRIPTION OF SERVICES	DURATION	MINIMUM DELIVERABLES
STAGE 1	Mobilization, Site Evaluation, Preliminary Works, Laser Scanning	- One (1) month upon issuance of Letter of Award and Commencement Letter	- Bonds & Insurances (as applicable) - Site Evaluation Report - Mobilization Plan - Work Programme - QA/QC Plan - HSSE Plan - Cash Flow Projection - Manpower & Equipment Requirements

STAGE 2A	Conceptual Drawing, Preliminary and Final Drawings "For Construction" Drawings and Other Design Documents	- Within Two (2) months upon issuance of Letter of Award and Commencement Letter.	- Conceptual Drawings
			- Final Drawings & For Construction Drawings:
			  - Architectural
			  - Structural (incl. calculation)
			  - MEP
			- Evidence of Statutory Submissions

STAGE 2B	Procurement	- Within Four (4) months upon approval of Conceptual and/or Final Drawings	- Procurement Schedule - Data Sheet / Brochures / Material or Equipment Specification - Evidence of Procurement
STAGE 3	Execution Stage (Construction / Restoration / Upgrade / Outfitting)	- Construction/Restoration/Upgrade works to commence as it may deemed practical, and will end upon confirmation of Practical Completion by UDeCOTT	- Monthly Reports - Two Week Look Ahead Schedule - Shop Drawings - Revised Schedule (if required) - Project Completion
STAGE 4	Project Close Out and Post-Construction	- 1 month Project Closeout i.e. Snagging, Testing and Commissioning; - 12 months DNP and will start upon issuance of Taking Over Certificate, and will end upon issuance of the Performance Certificate to the Contractor and successful financial close-out	- Hand Over Documents - O/M Manual & Warranties - Statutory Approval Certificates - Keys - Training Dossier - As-Built Drawings - Commissioning Certificates - Rectification of identified defects

MAIN BUILDING DESCRIPTION

1. History

The National Museum and Art Gallery of Trinidad and Tobago, located at 117 Frederick Street, Port of Spain, opposite Memorial Park and just south of the Queen's Park Savannah, was originally established in 1892 as the Victoria Institute, a Science and Art Museum, to commemorate the Diamond Jubilee of Queen Victoria. It is one of the oldest buildings in Port of Spain. The Dutch-gabled building was predominately designed in the German Renaissance style by the architect D. M. Hahn and was opened on 17 September 1902.

2. General

The building is a two-story structure with an approximate gross floor area of 15,237 ft^2 on a lot with relatively flat land.

Historical colonial building elements include heavy masonry cornices with dentils in some areas, decorative coins at the building wall corners, heavily moulded ceilings, balcony wall balustrades, jalousie windows, dormers with fretwork detailed fascia boards, decorative cast iron balcony balustrades, encaustic tiles and a Dutch gabled roof supported by mahogany hammer beam trusses.

There are two sub-basement washroom areas and an undercroft, so the ground floor is elevated.

There is one main entrance to the building on Frederick Street on the east façade, and three alternative entrances, one per side on the northern, western and southern façades.

Secured (gated) onsite parking is currently limited to six cars located at the front of the property.

There is also an annex along the western boundary and a courtyard in this part of the property.

3. Building Frame

The building's framing system comprises of shear walls that extend from basement level to the first floor level. Load bearing walls on the basement level are thickest and reduce successively from basement to ground level to the first floor level. Perimeter and internal lime-concrete columns support the first floor above the ground floor on all elevations.

4. Walls

The original main building walls are mostly unreinforced lime-concrete masonry, nog construction that is a wood framework system with masonry noggin infill plastered with hydraulic lime mortar. A lime and earth mortar made with river sand containing organic material is then used to plaster the finished walls so they are rendered smooth.

5. Ceiling

The building carries a mixture of ceilings comprising of (1) painted timber close boarding, (2) silver aluminum boards, (3) gypsum and (4) stained timber.

The first floor timber ceiling is rich one-inch Mahogany closed boarding on timber rafters. These rafters are supported on timber purlins that bear on trusses. The gabled roof is supported by hammer-beams trusses of carved mahogany.

6. Roof

The main building roof is a Dutch gabled roof design sloping from the centre of the building, with a side-shed roof over the north verandah.

The main roof covering comprises of decra heritage tile roof supported by trusses that is a contemporary installation. The original roof covering was slate.

The roof over the north verandah comprises of corrugated galvanized metal roof sheets seated atop a timber framing system.

7. Floors

a. The floors are mostly hardwood timber.

b. Original decorative encaustic cement tiles can be found on the West first floor balcony.

c. Ceramic tiles can be found in the bathrooms and service rooms.

d. Porcelain tiles can be found at the main entrance, the security vestibule and security room and the north staff entrance verandah security.

e. There is a concrete floor in the AV room link corridor.

f. There is waterproofing membrane on the East first floor balcony.

8. Joinery

Three mahogany staircases.

9. MEP

The mechanical and electrical services have been installed and modified over the years. Both the plumbing, mechanical and electrical services have either deteriorated or become non-functional. New installation to the entire systems are required to provide proper functionality of the systems and to ensure code compliance / museum grade.

Additionally, the following are to be supplied and installed by the Contractor:

1. Fire detection system
2. Fire suppression system (waterless system to exhibits, art galleries, and storage)
3. Public Address System
4. Wi-Fi (Public and Private)
5. Security (door and window intrusion system)
6. CCTV System
7. Structured Cabling / ICT
8. Generator and UPS

MUSEUM AND GALLERY DESIGN CONSIDERATIONS - OUTLINE SCOPE OF WORKS

All Designs to be approved by the Engineer.

An overall upgrade of the museum and enhancements has been proposed in order to promote improvement and modernization of the services provided by the Museum.

With respect to upgrade works, it is proposed that the facility be upgraded to meet international standards. The aim is to improve the building's interior spatial arrangement in order to better display the rich history and creativity of the people of Trinidad and Tobago.

The refurbishment and renovation of the National Museum and Art Gallery will include:

i. Structural Repair and Retrofitting Works such as demolition, alterations, shoring and structural seismic retrofitting

ii. Restoration/Renovation Works such as roof covering and framing, block work, carpentry, joinery, restoration of doors and windows, metal work and finishes

iii. Supply and Installation of electrical, plumbing, air-conditioning, fire alarm systems and security systems

iv. Supply and Installation of MEP fixtures and fittings, ironmongery

v. Upgrade Works as indicated in the proposed new additions

vi. External Works

The spatial layout, which is generally open plan, will be re-configured to provide maximum flexibility for the historic displays and art exhibitions. The existing partitions and displays will be demolished to facilitate this exercise so that the space can be re-designed to accommodate the following spaces.

The following are proposed additions to enhance the visitor experience:

- Spaces for Virtual, interactive and immersive museum exhibits;
- Spaces for Historic and art gallery zoning that focus on a thematic flow;
- Universal access (ADA) throughout the museum;

- Children workshops;
- Spaces for Upgraded media room for events;
- Gift Shop; and
- Upgraded Courtyard Area to host outdoor events.

The refurbished national museum is to include the following spaces:

A. GENERAL ADDITIONS

- Security Area
- Reception Area *(no seating, 30 lockers for storage of large bags)*
- Elevators
- Museum Shop
- Museum Cafeteria
- Guard Booth
- Security Hub/Room with CCTV Cameras
- Computer Lab/ Reading Room for four computer terminals including for persons with limited mobility.
- Increased Bathrooms both upstairs and downstairs **(**all shared with physically challenged)
- Ground floor family changing washroom
- A/V Room – *multifunctional; can be used as a classroom when not in use as an A/V room- AV-currently holds 40 people but proposed to hold 25 max. and located on 1st floor* with acoustic soundproofing.
- Board Room *for 10 seater table, printer & tea station w/ 42" TV screen and soundproofing.*
- Office – *size of small administrative office*
- Increased storage – *storage areas to have customized metal racks and shelving*
- Museum Attendants breakout space
- Circular route – different entrance and exit
- Clear division – art upstairs, history downstairs. Provisions to be made for immersive displays scenic displays and holographic display outfitting

B. NEW GALLERIES:

Ground Floor (*History Galleries)*

1. Our Environment – Geology and Natural History Collections
2. First Contact – First Nations

3. Enslavement to Emancipation
4. Immigration and Indentureship
5. From Independence to Republic Era
6. Post-Independence to Present Day
7. On a World Stage - Sports and Culture
8. Kids Gallery – *(interactive space for kids aged 3-12 with mobile seating, carpeted flooring, shoe storage.*

First Floor *(Art Galleries)*

1. Pre Colombian – extra wide corridor with recessed cases - *(8'w x length of board room)*
2. 19th Century – 1801-1900 – with motion sensor lights – *(same size as the Cazabon gallery)*
3. Early 20th Century – 1900-1934 - *(size of art storage -conservation room size)*
4. Mid 20 Century – 1935-1969 – *(1/2 size of current main gallery)*
5. Late 20th Century – 1970-2000 – *(1/2 size of current main gallery)*
6. Modern/Contemporary 2001- *(1/3 size of main art gallery)*
7. Drawings Gallery – with motion sensor lights – *(size of art storage -conservation room)*
8. Sculpture Gallery – *(combine with drawings gallery to save space, size of art storage - conservation room)*
9. Temporary Gallery - *(size of larger current temporary gallery room)*

PERFORMANCE SPECIFICATION / DESIGN CONSIDERATIONS

1. **Image**
   The restoration/upgrade must be sensitive to the existing urban fabric and historic importance of the building.

2. **Scale**
   Scale must remain consistent with original design.

3. **Materials**
   The use of appropriately selected materials, combined with excellence of workmanship, should be the aim to ensure its permanence and continued use by future generations.

   Finishes should be conducive to the function in their location. Special consideration should be given to the use of local building materials and finishes, provided they visually compliment the original historical finishes.

4. **Accessibility**
   All areas, indoor and outdoor must be universally accessible in an effort to meet internationally accepted standards but should not, as far as possible, compromise the historic detailing of the building, and shall conform to the security requirements as required.

5. **Environmental Control**
   A properly conditioned environment is required. A comprehensive central air-conditioning system appropriate for museum use, to include full control of temperature and humidity, with special consideration for the age and materiality of the building, the Art Gallery, Museum Displays, Museum and Art Storage, as well as airborne dust and dirt is of primary consideration. A new A/C system and new ducting is required.

6. **Temperature**
   The control of the temperature must be to satisfy human comfort, as well as address the other requirements of historic constraints, specialized equipment, museum collections and art galleries.

7. **Humidity**
   The control of humidity, parallel with temperature is essential for both human comfort, historic constraints, specialized equipment, museum collections and art galleries.

8. **AC**
   Remove existing split units, vents, AC ducting and associated wiring from all areas make good and install new central air-conditioning system.

9. **Water and Moisture Integrity**

All possible precautions should be taken to eliminate or minimize damage from broken or leaking pipes, roof leaks, and other problem areas. These precautions to include:

- Water supply lines, fire mains etc., must not run through sensitive locations.
- All water supply lines, whenever possible, should come into the building at the lowest possible levels and ascend vertically through the building cores.
- Roof scuppers, downspouts, etc., should be designed to minimize the possibility of roof leaks.
- Past problems with roof and rainwater goods leaking must be solved and eliminated.
- Eliminate existing and future clogging of RWDPs.
- Balcony and flat roof waterproofing membranes.

10. **Insect and Pest Protection**

Special attention should be given to the control of vermin (pigeons, bats, rats) that might get into the building through cracks or voids around drain lines, utility lines, window openings and other means of ingress by proper caulking, screens and the installation of bird and bat prevention systems in sympathetic designs to be approved by the Engineer.

The site and structures, inclusive of its walls and surrounding ground, must be treated for termites before and after construction. In addition, all existing and proposed timberwork in the facility must be treated accordingly. Termite Control to be performed by a trained pest management professional. Note: Termite Control to have a warranty of 5 years minimum and Termite treatment shall be done twice: (a) when selective demolition is completed, (b) before the application of any paint/varnish to all timber.

The treatments shall include the following:

i. The fumigation process or any other “equal or better” approved alternative should be used to treat the building.
ii. Subterranean treatment (i.e. liquid soil-applied termiticides) should be applied around the perimeter and foundations of the building and to the entire site.
iii. New timber building materials should be treated and impregnated with termiticides.

11. **Floors - Loading**

All floors of the facility must be evaluated for a public museum dead and live loads. Special considerations must be made for areas that require additional loading, such as to the first floor and ground floor storage rooms and sculpture gallery zone.

12. **Coverings**

a. Existing roof covering and related items shall be removed and replaced with new roof coverings according to the Engineer’s specification and/or approval. The preferred finish would be the historic precedent. It should be noted that original roof covering would have been slate, matching the existing roof of the annex building.
b. New encaustic tiled flooring to be installed at the main entrance, ground floor verandahs, washrooms, first floor south balcony and other accessible balcony’s, and the gift shop zone

outlined, in a pattern sympathetic to the historical period of the building to match the existing original encaustic tiled finish of the first floor West balcony and according to the Engineer's specification and/or approval.

c. The existing encaustic tiled finish of the West first floor balcony to be cleaned, restored and refurbished.
d. New porcelain tiles to be installed for the washroom wall finishes in a pattern sympathetic to the historical period and detailing of the building and according to the Engineer's specification and/or approval.
e. New porcelain tiles to be installed for the janitors closet flooring and other relevant service rooms according to the Engineer's specification and/or approval.

13. Mechanical Systems

To prevent the acoustical problems associated with mechanical systems, mechanical rooms should be lined with sound absorbing material, mechanical room openings should be sealed, and machinery placed on resilient mounts or ducts should be lined with sound attenuating mufflers.

14. Exterior

Special attention should also be given to minimizing outside noise because of the location of the facility.

15. Janitor's Room

The rooms, at least one per floor, should be adequately sized for the purpose, and contain a bucket sink complete with grating, hot and cold water supplies, side drainer/laying space and adequate storage shelving.

16. Waste Disposal

Waste disposal facilities adequate for and suited to the purpose and size of the building should be provided. The location should be in a suitable concealed, lockable area that is easily accessible to public waste disposal attendants and resistant to vermin attack and should contain a separate space for the storage of recyclable materials. Care shall be given to the location and design. (Design and location to be approved by the Engineer).

17. Lighting

The lighting design (i.e. general, museum and art display, stage, façade and emergency lighting etc.) is to be considered as an integral component of the museum design. Modern lighting technology is to be utilized in the formulation of the lighting design but should also take into consideration the recent developments made in the area of energy efficient lighting systems and lighting management. Decorative light fixtures appropriate for museum should conform in design as far as possible to the historicity of the building. (End User requirements to be confirmed and approved by the Engineer).

a. Replace any defective architectural light fixtures.

b. Install LED and other energy efficient lighting fixtures where possible. Retrofit existing lighting with LED capability where possible.
c. Install emergency lighting throughout.
d. General lighting levels to be improved and upgraded throughout. New additional light fixtures to be installed in coordination with End User requirements and Engineer.
e. The museum and art displays are to have specialist lighting and the Cazabon watercolours and drawings gallery are to have motion sensor lighting w/ softer lighting for a rotating display.
f. The first floor ceiling should also be specially lit in a manner to highlight its historic relevance. (End User requirements to be confirmed and approved by the Engineer).
g. Provide architectural site lighting that is NOT attached to the building.
h. The exterior of the building should be lit, celebrating this historic façade, through installation of appropriate illumination/external lighting. (Design according to the Engineer's specification and/or approval.).

18. Electrical System

a. Numerous electrical outlets 115/230v. Wiring to accommodate Museum's specific electrical, I.T., Display and generation capability needs.
b. Upgrade to the mains would be determined based on the new power capacity to account for any increased loading.
c. Main Electrical Panel to be changed out and upgraded to ensure code compliance. Breakers and wiring to be changed and brought up to code.
d. Internal circuitry and wiring currently installed to be changed and installation brought up to current code requirements.
e. Electrical outlets to be replaced.
f. The mains are to be upgraded based on the new power capacity to account for increased loading.
g. Isolators for pumps to be changed.
h. Install new PA system. Provide speakers that do not detract from historic space. Install an effective sound system for both inside and outside.
i. Allow for power point presentations AV room with remote control, automated pull-down retractable mobile A-V screens that complement the interior of the building.
j. Services must not be a visual intrusion in the historic space. All electrical conduit and wiring must be hidden.
k. Provide electrical wiring in wooden skirting trunking for flexibility of electrical outlets in the future throughout the building.
l. Generator appropriately sized for the Museum requirements to be installed at the Western Boundary of the Site, adjacent to the T&TEC Building or at another appropriate location approved by the Engineer.

19. Fire Detection/Protection/Suppression System

The fire detection system consisting of detectors, manual pull stations and fire bells, fire hose reels and extinguishers and waterless fire suppression system (for the museum exhibit, art galleries and museum storage areas) should be installed in compliance with requirements of the Statutory Authorities. The system shall be designed in accordance with specific requirements of the items to be displayed and/or stored on site.

20. Security

A special Wireless Security Intrusion Alarm System, RFID Electronic Theft Detection System, Body and Bag Security Scanner/ Metal Detector and Wireless CCTV Camera monitoring system are to be installed with a dedicated security room for supervising cameras and monitoring the facility. An additional closed circuit monitoring system is to be installed in the curator's office in annex.

21. Flexibility

The historic layout of the original space limits flexibility and rooms are to be used in ways that do not compromise the historic detailing and visual impact.

- Floors structurally retrofitted where deterioration is present.
- A properly conditioned environment in all areas.

22. Interior design for lobby, public and administrative office areas (not included in Phase 1)

a. Installation of partitions and space dividers with increased acoustic performance properties.
b. Furniture and built-ins for Museum (consistent with the period being displayed) and administrative offices

23. Plumbing

a. Potable water pump, electrical and piping installation connected to potable water pump to be redone.
b. Potable water storage capacity to be re-evaluated and increased as needed.
c. Potable water tank covers to be made watertight and vermin protected.
d. Deteriorated taps, lock off valves to be changed.
e. Adequate supports and clamps for piping to be installed.
f. Change out and upgrade of all fixtures, to be approved by the Engineer.
g. Male and Female washrooms (all shared with physically challenged) and ground floor family changing washroom facility, quantity and locations to be designed consistent to museum standard and sympathetic to the historical period of the building and according to the Engineer's specification and/or approval.
h. New internal plumbing fixtures, fittings, cabinetry and finishes to be installed in the washrooms in designs sympathetic to the historical period and detailing of the building. (Methodology and designs to be approved by the Engineer).
i. Installation of Firewater storage and protection for the museum, fire pump and fire hose reels for fire protection to meet local safety code requirements.

24. Exhibit Areas <u>(not included in Phase 1)</u>

a. Should be outfitted with custom cases with individual humidity controlled microclimates and specialized museum lighting and display specific acoustic PA systems (PA zones to be determined by client/ end user).
b. It may be advantageous to install alarm devices and locks in exhibit cases at time of fabrication. 13mm laminated glass is recommended for cases containing items, where the object is designated as irreplaceable.
c. Freestanding showcases - Wall-mounted showcases. Issues to take into account when selecting type of showcase: 1. maintenance; 2. security; 3. conservation; 4. costs; 5. visibility; 6. easy handling.
d. Adjustable and demountable partitions. Flexible design.
e. Space planning and design for permanent and temporary exhibits.
f. Consideration must be given for the production and deployment of graphics: charts, maps, drawings, labels, display unit titles; Reproductions and replicas; Models and dioramas; Walk-through sets and reconstructions; Period rooms; Immersive display areas; Scenic displays and Holographic display area outfitting (End User requirements to be confirmed and approved by the Engineer).

25. Gift Shop

After visiting Exhibit Rooms and Art Gallery, visitors should be required to exit via the gift shop to encourage retail purchases that helps the museum to become financially sustainable. (Note: Proposed gift shop zone area i.e. internal access ramp, storeroom, and gift shop and gift shop exit vestibule flooring to be raised to match the existing floor level throughout the museum).

26. Café/Covered Terrace

West Courtyard Refurbishment and Upgraded for rental purposes, i.e. Repair and restoration of fountain and courtyard. The courtyard is to be refurbished and upgraded and converted to an outdoor café area with some covered seating areas that will be an additional revenue source, contributing to the running of the facility.

a. Restore Fountain
b. Upgrade Flooring
c. Café/Covered Terrace – outfitting
d. Install Speakers for PA system
e. Lighting, seating, shaded areas with trellis'
f. Electrical Outlets
g. Additional washrooms

27. Elevator

Elevator large enough to use as a service elevator at times when the Library is closed to the public. Appropriate padding that can be quickly installed and removed is required.

28. Auditorium / Audio-Visual Room <u>(not included in Phase 1)</u>

Appropriate room to hold seminars, workshops, lectures, symposia, conferences, etc.

- Comfortable stackable seating for 25
- Theatre lights
- Projection equipment and booth/audio input/retractable screen

29. Storage Room for:

a. Exhibits not in use
b. Auditorium chairs/tables
c. Display boards and paraphernalia
d. AV room storage
e. Janitorial storage
f. Museum shop storage
g. Cafeteria storage
h. General storage

30. External Works

a. Tidy and enhance East Entrance paving and approach to Museum.
b. Perform refurbishment and upgrade works to the surrounding landscape and west courtyard.
c. Upgrade of Soft and Hard Landscaping, with indigenous plants.
d. Maintain green spaces.
e. Design and build East and Northern entrance, steps and ramps to allow for universal access as approved by OSHA in designs sympathetic to the historical period and detailing of the building and more in keeping with the dignity of the building.
f. Grade floor level to facilitate drainage of water away from building. Design to be approved by the Engineer.
g. Rebuild Apron paving and slipper drains to falls that take water AWAY from Historic walls. Methodology to be approved by the Engineer.
h. Upgrade of Sewer and Storm drainage.
i. Build catch pits to take outflow from RWDPs.
j. Rebuild and repair all slipper drains. Rebuild apron pavings, to be sloped away from building.
k. Install new swale drains at the sides to effectively redirect water away from the walkways.
l. Introduce a damp proofing course at foundation level if necessary. Methodology to be approved by the Engineer.
m. Upgrade of Gate repair and automation.
n. Upgrade of Guard Booth at front gate driveway (or remote system).
o. Upgrade of Asphalting works and repair, etc.
q. Upgrade of Three flagpoles.
s. Any delaminating lime mortar is to be removed from the perimeter walls and the wall reinstated using lime.

t. Replace perimeter fence and gate (fence to be higher than existing)
u. Painting of the Entrance Gates, Boundary Fence and Masonry Wall etc.

31. Other Requirements

a. Wi-Fi capability (public and private)
b. Server room with appropriate fire suppression system
c. Signage (External, General Internal Signage and Directional Signage for Museum Exhibits) **(not included in Phase 1)**
d. Tour guide system **(not included in Phase 1)**
e. Electronic information kiosks / computer terminals to be placed in in each area w/ additional/ supplemental information not included in the displays because of limited space. **(not included in Phase 1)**
f. Partition walls to have increased acoustic performance properties
g. Drop ceilings and museum floor coverings (in areas to be confirmed by end user/client) to have acoustic performance properties.
h. Museum Clear UV Ultra Violet 99.5 Anti-Fading UV Protection Window Film on the windows of the Gallery and Museum Exhibit zones and Stairwells and other circulation zones where art could be displayed, to reduce harmful UV rays by up to 99.5%.**(not included in Phase 1)**

32. Restoration Requirements

The requirements for the restoration of the National Museum and Art Gallery broadly consist of the following:

a. Structural repair as per the Engineer's specification and/or approval;
b. Cleaning of all walls and removal of all Portland cement interventions from the external and internal stone and lime mortar walls as per the Dilapidation Survey;
c. Lime-mortar repair as per the Engineer's specification and/or approval;
d. Timber wood restoration (repair and/or replacement according to Engineer's specification and/or approval. Note: Timber doors, windows, wood paneling, skirtings, mouldings, cornice mouldings, floorboards and ceiling boards are to be of similar hardwood or imported southern yellow Pine or equal or better similar hardwood as approved by the Engineer. The Timber to be used in Structural repairs is to be Greenheart hardwood or equal or better hardwood as approved by the Engineer);
e. Mahogany and other wood restoration (repair, restoration and/or replacement according to Engineer's specification and/or approval. Note: Mahogany hammer beams, mahogany staircases, etc. are to be of similar hardwood as approved by the Engineer.
f. Restoration of all original cast and wrought iron architectural elements;
g. Restoration of all original doors and windows to their original historical condition. Note: timber doors and windows are to be of similar hardwood or imported southern yellow Pine or equal or better similar hardwood as approved by the Engineer.
h. Restoration of all original historic floor, inclusive of Timber and Encaustic tiles;
j. Restoration of all historical/original functional ironmongeries and hardware to their original historical condition;

k. Ironmongeries and all hardware to be supplied as new in materials and designs sympathetic to the historical period and detailing of the building to match original existing and according to Engineer's specification and/or approval.
l. Replacement of roofing system at the Main Building. The preferred finish, materials and design would be the historic precedent, i.e. new slate tiles, insulation installation, water proofing installation, new metal ridge cap in an appropriate material for slate roof installation, new metal guttering and rainwater pipe installation in an appropriate material for slate roof installation and according to the Engineer's specification and approval; New balconette and other flat roof repair and waterproofing installation according to the Engineer's specification and approval. Note: Any waterproofing shall have a warranty of 20 years minimum.
m. New paint - Internal and External to be appropriate paint for the relevant application, such as breathable paint for lime mortar walls or otherwise according to the Engineer's specification and/or approval.

25. Other General Considerations

Modern services must be efficient. They must be experienced by the user but not be a visual intrusion into the historic spaces and in designs sympathetic to the historical period and detailing of the building and according to the Engineer's specification and/or approval.

RESTORATION AND REHABILITATION MATERIALS AND WORKMANSHIP SPECIFICATIONS

ARCHITECTURAL AND STRUCTURAL

General Note: Extreme care shall be taken in restoring areas with historical values.

Additionally, an interior strip- out and demolition of the museum exhibit and art display partitions, display cases, room partitions, wall panel coverings, carpeted area and other non-original floor coverings, drop ceilings etc. to expose the original layout, existing walls, ceiling and flooring is required to facilitate further investigation to determine the building's condition, before restoration and refurbishment works can commence.

Contractor to refer to the following for specific guidance for the successful restoration/rehabilitation/repair/new works:

Works are inclusive of but not limited to the following:

1. ROOF / CEILING

SPECIALIST RESTORATION CONTRACTOR REQUIRED. Methodology to be approved by the Engineer.

- Install slate tiles. 100%Dark grey Vermont slate. CUPA 7. 16" x10"x 3/8". British Standard: BS 680 Part 2
- Replace timber laths. Use greenheart. Assume 100% replacement.
- Replace or reinforce damaged roof framing timbers. Use greenheart.
- Repair all Trusses.
- For the trusses where the wall posts had been replaced with reinforced concrete, the Portland cement is to be removed and replaced with a timber wall post. Mahogany of a minimum age of 100 years is to be used.
- Remove damaged ceiling boards replace. Use Greenheart.
- Repair or replace all ridge cap and flashings with historically appropriate metal for slate roofing.

- Repair all roof leaks and repair/ replace all flashings/gutters/rain water goods. All new rainwater goods to be in historically appropriate metal for slate roofing.
- Rebuild all gutters i.e.100%. Remove existing metal flashings and gutter linings. Repair supporting wall; rebuild gutters to falls using lime mortar; line gutters with flexible waterproofing membrane material that is a very versatile polyethylene (CSPE) synthetic rubber (CSM) noted for its resistance to chemicals, temperature extremes, and ultraviolet light.
- New flashings are to be installed in historically appropriate metal for slate roofing.
- Clear out all downpipes and repair RWDPs or install new, in copper metal in coordination with building requirement and Engineer, build catch pits for each downpipe and pipe water away from building to existing drains.

2. EXTERIOR WALLS

Specialist Masonry works.

SPECIALIST ARTISAN REQUIRED. Methodology to be approved by the Engineer

- Remove all Portland cement interventions from all external walls. Remove all loose old bedding mortar to a minimum depth of ¾". Brush down to remove any remaining salts residue. Repair and Re-render/ re-plaster with lime mortar.
- Remove only delaminated and rotted lime plaster. Brush down to remove any remaining salts residue
- Any replacement mortar should be no stronger or harder than the material it is bonding. Therefore, a Specialist Contractor should match the original lime mortar mix in color, and composition. Use NAL3.5 St. Astier Natural Hydraulic lime.
- All walls to be cleaned. Remove all vegetation, including mould, lichen, algae and fungi from walls. Poison roots as required.
- Clean excessive salts efflorescence from the surface of the walls.
- Remove stains by careful cleaning.

- Repair and Rebuild all lime masonry walls where necessary. All cracks shall be repaired either by injecting the crack with lime mortar or by installing stainless steel/carbon fibre rods to stitch the crack together.
- Repair all structural cracks.
- Complete all structural repairs to walls before re plastering walls.
- Prepare walls e.g. any existing paint to be stripped/removed, via non-destructive method.
- Repaint walls and window architraves with appropriate breathable mineral paint as (where required) as the walls of the building are lime.

3. INTERIOR WALLS

Specialist Masonry works

SPECIALIST ARTISAN REQUIRED. Methodology to be approved by the Engineer.

- Remove all Portland cement render interventions from ALL internal walls. Remove all loose old bedding mortar to a minimum depth of ¾". Brush down to remove any remaining salts residue. Repair and Re-render/ re-plaster with lime mortar.
- Remove only delaminated and rotted lime plaster. Brush down to remove any remaining salts residue
- Clean excessive salts efflorescence from the surface of the walls. Brush down to remove any remaining salts residue
- All lime render walls that have cracks to be checked and repaired either by injecting the crack with lime mortar or by installing stainless steel/carbon fibre rods to stitch the crack together.
- Repair all structural cracks.
- Complete all structural repairs to walls before re-plastering walls.
- Prepare walls e.g. any existing paint to be stripped/removed, via non-destructive method.
- Strip paint and repair all mortar window architraves, sills using lime mortar.

- Repaint walls and window architraves with appropriate breathable mineral paint as (where required) as the walls of the building are lime.
- Finish all walls with a breathable mineral coating.
- Finish walls with timber skirting/trunking to match original historical precedent and detailing.

4. WINDOWS

SPECIALIST ARTISAN REQUIRED

General Note: Methodology and Designs to be approved by the Engineer.

- Remake and replace missing and broken glass panes/reinstall.
- Clean remaining glass panes.
- Ensure all windows are operable
- Repair and refurbish all glass windows.
- Remove existing paint finish.
- Restore and rebuild damaged architraves and sills.
- Repair, refurbish and restore existing window hardware and ironmongery if functional or replace with new to match existing where necessary (to be approved by Engineer).

5. JOINERY

SPECIALIST ARTISAN REQUIRED.

Refer to methodology for restoring antique furniture as per the dilapidation report.

Restoration

- All Joinery works to be carefully restored and refinished. Staircases, All Doors, Hammer beams, and other Wooden Significant Decorative Items. Methodology to be approved by the Engineer.

- Replace, repair or reinforce roof timbers as required. Methodology to be approved by the Engineer

6. DOOR AND WINDOW IRONMONGERY AND HARDWARE

SPECIALIST ARTISAN REQUIRED. Methodology to be approved by the Engineer.

- All historical/original functional ironmongeries and hardware to be restored to their original historical condition. Methodology to be approved by the Engineer.
- Ironmongeries and hardware to be supplied as new, to be in materials and designs sympathetic to the historical period and detailing of the building, to match original existing and according to Engineer's selection.
- Security doors and windows – to be fitted with mechanisms for opening and closing that are efficient and functional and can deter break-ins or reduce damage from vandalism or natural disaster.

7. FLOORS

SPECIALIST ARTISAN REQUIRED. Methodology to be approved by the Engineer.

General:

- Repair and restore all original historic decorative cement encaustic tiles, encaustic clay tiles, historic marble tiles and historic quarry tiles throughout building.
- Replace all existing non-historic ceramic and porcelain floor tiles throughout building with porcelain tiles in designs sympathetic to the historical period and detailing of the building, to be approved by the Engineer.
- New floor tiles to be installed in public areas such as washrooms, the gift shop, main entrance and exit, verandahs, accessible balconies and balconettes in designs sympathetic to the historical period and detailing of the building (Note: The historical precedent would have been decorative encaustic tiles) (To be approved by the Engineer).
- All new floor finishes to be installed flush with existing timber floors.

- All Timber floorboards containing splits, blistering and rotting to be removed and replaced, the rest to be repaired and restored.

8. WROUGHT IRON WORKS.

- Refurbish, repair, restore and repaint historic Wrought-iron Fencing and Balustrades. (Finish to be approved by the Engineer).

A. General Note:

- Ensure sensitive installation of all electrical and other wiring, cabling and ductwork in a manner that is not visually intrusive to the historical building fabric and does not compromise or affect the historic detailing of the building aesthetic.
- Ensure the above wiring, cabling works etc. are reversible so that the building can be returned to the existing original fabric.
- All new electrical fixtures are to align with the historical period and detailing of the building and are to be approved by the Engineer.
- All new plumbing fixtures are to align with the historical period and detailing of the building and are to be approved by the Engineer.

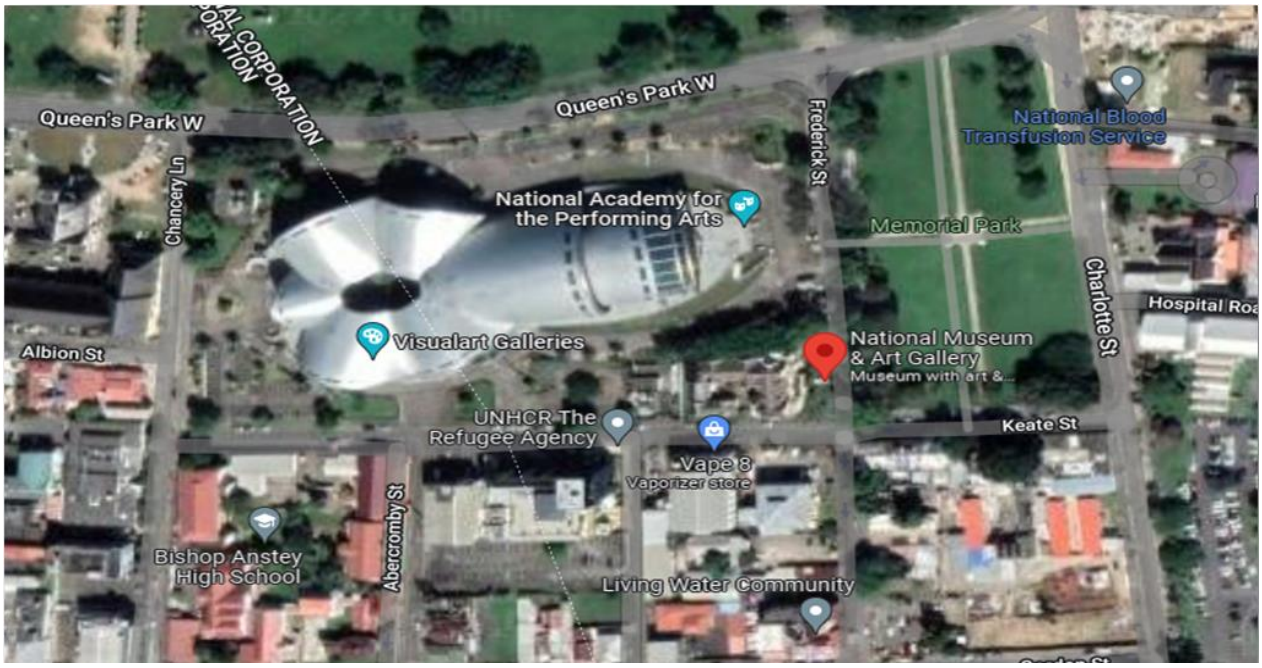
FREQUENTLY ASKED QUESTIONS (FAQs)

What is the purpose of this Request for Proposal?

The purpose of this Request for Proposal is to identify and contract a suitably qualified and experienced Operator with the specialised expertise necessary to provide the Modified Design-Build Services for the Restoration and Upgrade of the National Museum and Art Gallery.

Where is The National Museum and Art Gallery located?

National Museum and Art Gallery is located at 117 Fredrick Street, Port of Spain, and is depicted as per the located map below:



Are there any eligibility requirements for this Procurement Process?

In order to be eligible for evaluation and/or consideration to be engaged as the Operator, Proponents must be able to demonstrate the following:

- Submission of Annual Return – 2021 (2022 if applicable);
- Incorporation or otherwise registered to do business in Trinidad and Tobago as evidenced by the Certificate of Incorporation or Registration (as applicable);
- Submission of valid Statutory Clearance/Compliance Certificates, namely;
- VAT Clearance Certificate
- BIR Clearance Certificate
- NIS Certificate of Compliance
- Bid Bond in the value of Five Hundred Thousand Trinidad and Tobago Dollars (TT$100,000.00);

Is there a List of Key Personnel required for the project?

While it is the Contractor's responsibility to staff the Project as appropriate, for the purpose of this RFP the following key human resource identified in this Section are required, at a minimum.

1. Project Manager/Team Lead (1 No.)
2. MEP Engineer (1 No.)
3. Architect/ Interior Designer (1 No.)
4. Civil/Structural Engineer (1 No.)
5. HSSE Manager (1 No.)
6. Construction Manager (1 No.)
7. QA/QC Manager (1 No.)

Is a One-Envelope or Two-Envelope method of submission being used for this tender?

The selection process will consist of evaluating the Proponent's Submission in accordance with a two (2) envelope-two (2) stage system. This system entails:

a. The submission of the Technical and Fee Proposals at the same time via the e-Tender portal;
b. The opening of the Technical Proposals while the Fee Proposals will remain unlocked/unopened;
c. The assessment and ranking of the Technical Proposals;
d. The Proponents that attain the threshold score or higher for their Technical Proposals will qualify to have their Fee Proposals opened via the e-Tender portal;
e. The proponent whose Fee Proposal is the lowest cost will be recommended as the top ranked proponent.

What type of Contract is being used for this Tender?

FIDIC Conditions of Contract for Plant and Design-Build 1999 (Yellow Book) will be used for this Tender.

What are the timelines for the Project?

Online Pre-submission Information Session (Time, Date and Location)	August 9, 2022 at 11:00 a.m. Via Microsoft Teams	
Date, Time and Starting Point of Site Visit	August 9, 2022 at 2:00 p.m. - On Site	
Project Timelines	**RFP Issue Date**	August 2, 2022
	Submission Deadline	August 30, 2022 at 2:00 p.m.
	Invitation to Negotiate	September 2022
	Award of Contract	September 2022
	Project Completion Timeframe	12 months
	Defects Liability Period	12 months

Proponents are to note that the responses provided as guidance to these Frequently Asked Questions does not relieve the Proponent of its obligation and responsibility to fulfil and comply with all requirements of the Request for Proposals.