

RFQ C24_2421 Marble Façade Survey and Restoration Project

David Priddle| Assistant Director Capital Works
28 July 2025

The National Library of Australia acknowledges Australia's First Nations Peoples—the First Australians—as the Traditional Owners and Custodians of this land and gives respect to the Elders—past and present—and through them to all Australian Aboriginal and Torres Strait Islander people.

RFQ C24_2421 Marble Façade Survey and Restoration Project

The National Library of Australia (the Library) is seeking specialist technical assistance to complete a survey of the marble panels that clad the columns and the level 1 balcony. The recently replaced marble cornice will also be checked.

The deadline set for lodgement of Tenders is **3pm Thursday 14 August 2025** (Australian Eastern Standard Time, AEST) (**Tender Closing Time**).

NLA Tender Box

tenderbox@nla.gov.au

- Library Contact officer **for this** RFT : David Priddle dpriddle@nla.gov.au

The NLA - Capital Works team structure

- Corporate
- Split into Capital Works / Facilities & Security / Collection Storage teams
- Small Capital Works team of 3 APS people running large projects in terms and has coverage of progressing BMP construction projects and works

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- This Approach to Market (ATM) is for the provision of a condition assessment of the National Library of Australia's marble cladding and recommendations for any necessary restoration works.
- There are three elements to the Library's cladding:
- marble cladding to the cornice, which was completely replaced with Bianco Cattani marble (from Carrara, Italy) in 2017/18;
- marble cladding to columns, clad with the building's original Carrara marble panels, which were cut in half and refixed in the late 1970s; and
- the original Carrara marble cladding panels (also called spandrels) to the Level 1 balcony, which have had no work carried out on them.

RFQ C24_2421 Marble Façade Survey and Restoration Project

- The original Carrara marble panels have bowed to varying amounts over the 60-year life of the building;
- There are a range of other minor defects present on the marble panels to the columns and spandrels;
- The weakening effect on the marble by weathering is known, but the residual strength is not, nor the amount of pressure build-up on the restraint system as the marble bows over time. This requires investigation for safety reasons.

Marble Façade Survey and Restoration Project – The Requirement

- Surveying marble facades accurately is a specialised field. Detailed report writing is required. Demonstrated understanding of marble and marble fixing systems is required. 3D surveying at height is required and recent developments in drone technology will assist the survey and will be added to the library's Building Information Model (BIM) under development. Either one company that is capable of all three areas of expertise, or a head consultant with two specialised sub consultants is required.

Marble Façade Survey Scope and Restoration Project – The Requirement

- Marble façade survey scope:
- Review the GHD 2018 report recommendations (available on request) for monitoring the condition of the marble façade and prepare a project schedule. The project monitoring schedule should allow for staging, so that all parts of the façade are assessed by the contract end date;
- Project start-up meeting with the Library's Capital Works and/or Facilities team to discuss the marble façade assessments;
- Monitoring inspection, including: visual inspection of active spalls; photographic record of monitoring locations; and physical measurement of monitoring locations;

Marble Façade Survey Scope and Restoration Project – The Requirement

- Validation of monitoring recording procedures;
- Recommendation if 1 or 2 destructive tests are required to assess strength of fixings and residual strength of marble; and
- Provision of monitoring records and recommendations on any work required, including cost estimate and timing (urgent, medium, low priority). Records to be provided in electronic format suitable for long-term documentation of the marble façade condition

Marble Façade Survey Scope and Restoration Project – The Requirement

- survey the condition of the same marble panels surveyed in 2017/18 (outlined in the report);
- Scan the columns, providing data that can detect deflection (curvature) in the marble in a format useable in a BIM; and
- If the fixings are to be surveyed, some destructive tests will be required and those sacrificed marble panels replaced. Provide a price to remove and replace one column marble panel and one balcony spandrel panel.

Marble Façade Survey Scope and Restoration Project – The Requirement

- Scan the columns, providing data that can detect deflection (curvature) in the marble in a format useable in a BIM.
- Provide *separate* prices for:
 - scanning 1 column (and a what resolution and format)
 - scanning 2 columns, and
 - scanning all 44 Columns and scanning the level 1 balcony marble spandrels and marble capping under the balustrade.

The Proposed Milestones to be met are:

Proposed start date: Thursday 28 August 2025

Milestone Description	Delivery Location	Due Date
Review GHD 2018 report and prepare summary return brief, methodology and SWIMS	National Library as hard copy and electronic soft and PDF or emailed to contact officer.	28/09/2025
Following inspections, deliver a report on findings	National Library as hard copy and electronic soft and PDF or emailed to contact officer.	28/10/2025
Deliver final report and survey suitable for inclusion in BIM	National Library as hard copy and electronic 3D scan .rvt or pointcloud or photogrammetry and PDF delivered and emailed to contact officer.	21/11/2025

The Proposed Milestones to be met are:

Proposed start date: Thursday 28 August 2025

Reports

During the term of the Contract the Supplier must provide the Customer with reports as set out in the table below:

Report Type	Detailed Description	Due Date
Return Brief	Review GHD 2018 report and prepare summary return brief, methodology and SWMS	28/09/2025
Report on Findings	Report on Findings following site inspections	28/10/2025
Final report and survey suitable for inclusion in BIM	Deliver final report and survey suitable for inclusion in BIM as hard copy and electronic 3D scan .rvt or pointcloud or photogrammetry and PDF delivered and emailed to contact officer.	21/11/2025

Consultant Team

- The consultant team should include all the skills and experience necessary to deliver the survey, project reports and replace any panels requiring a destructive test.

Evaluation

The Evaluation Team will review responses to determine the best value for money outcome for the Commonwealth. The Commonwealth ATM Terms clause A.B.5 (Evaluation) states the criteria for evaluation will encompass the:

- i. extent to which the Potential Supplier's Response meets the Customer's requirement set out in the ATM;
- ii. Potential Supplier's proven capacity to provide the requirement; and
- iii. total costs to be incurred by the Customer.

Proposed Contract Term

Proposed Contract

Event	Details
Proposed Start Date:	Thursday 28 August 2025
Contract Term:	The Contract will remain in force for a period of 3 months from the date the Contract is entered into.
Contract Extension Option	The Contract will include the following extension option(s): 1 month plus 1 month (2 months maximum).

Thank you

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