



Government of the Cook Islands
INFRASTRUCTURE COOK ISLANDS

Te Tango Angaanga o te Kuki Airani

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1 June 2021

Contract: Rarotonga Coastal & Flood Hazard Mitigation Data Collection
(LiDAR)
Contract No.: CK202116

RE: NOTICE TO TENDERERS 003 – Responses to Queries

Kia Orana,

Please find below details of NOTICE TO TENDERERS 003 – Responses to Queries.

Responses to Queries

Query:

Section B, page 15 item 2.5.7. The contract refers to level 3 – Ground Correction. Please provide clarification as to this requirement.

Response:

As per section 2.5.7 Classification accuracy, Level 3 - Ground Correction (CL3) is required.

Level 3. Ground Correction (CL3): Significant and highly supervised (often manual or semi-automated) effort is generally required for this level to ensure that only actual ground points are assigned to class 2. Typically, this editing will both remove and add points to the ground, vegetation and water classes derived using the automated algorithms. Full manual line scan editing of batch output may be required in highly complex environments.

Typically this level of classification is only required to be undertaken over localised areas where features which require special attention include water and areas where the ground surface may be obscured including: densely vegetated water courses, rainforest, dense coastal vegetation or grass, rocky outcrops/boulders, contour/levee banks, and islands.

Classification Accuracy Required: 99% for ground points (minimum).

As noted on section 2.5.7 Classification accuracy requirements may be relaxed to accommodate collections in areas where the Client agrees classification to be particularly difficult. The Supplier is to advise the client of any such areas.

Query:

Please confirm the bathymetry survey required in the lagoon areas of the extended scope.

Response:

Bathymetry is required for the full extent of all lagoons which form part of the specified islands within the RFT scope. As per section 2.4.1 Collection areas, it is to include;

- Lagoon bathymetry, from the low-tide shorelines seaward to the fore reef for all lagoons. Extent is to 10m depth on the fore reef.

As noted within the terms of reference the supplier is to specify within their tender response the minimum standards they will achieve for the data capture of the Lagoon and Offshore components. As noted technical alternatives such as alternative means of data acquisition, sensors and capture methods are encouraged where this will provide value for money and suitable data which is fit for purpose to achieve outcomes of the anticipated data usage as outlined in section 2.4.1.

Query:

Please confirm the priority/importance of the separate components.

Response:

The collection of the Terrestrial component for each of the specified islands is the project priority. This is then followed by the collection of suitable Lagoon bathymetry and is prioritised ahead of the Offshore bathymetry.

Where funding or project constraints require the lowest priority component scope will be removed/amended.

Query:

Partial Tiles.

Response:

There are to be no partial tiles as part of the Terrestrial and Lagoon components.

Partial tiles may be accepted as part of the Offshore bathymetry where provision of full tiles will add unnecessary complexity, risk and cost to the data capture.

Query:

Do the list of benchmarks still exist? What is the expectation for integrating controls into the survey network.

Response:

As per section 2.5.4 Survey Control the quality and accuracy of the existing survey control systems on each island is unknown. As such it is required as part of the contract works to undertake survey to check existing controls and/or establish new primary ground controls to provide the necessary survey control to undertake the required RFT scope.

It is expected that new controls will be required for the undertaking of the works on each specified island. Where new controls are established or existing controls validated these are only required to enable the undertaking of the contract works.

It is noted that these controls need to be to the specified standard to enable future integration into the survey network however this integration this is not part of the contract scope.

Query:

Public Notification and Access authorisation.

Response:

It is expected as part of normal project stakeholder management that public notification and consultation will be undertaken. This is to include specific consultation, notification & approvals where specific access to island communities, land, airspace restrictions, survey etc. is required, as well more general notification to the wider public relating to the works.

ICI will provide support and guidance to the successful supplier in regards to these areas as well as specific contacts and cultural requirements/expectation which are to be observed during the contract works. In addition it would likely be beneficial for suppliers to work with local partners such as local surveyors to help facilitate the local aspects of the works.

Please note that working on Sunday is not culturally acceptable. As such suppliers should not allow for Sunday works within their submission.

Query:

Cook Islands Entry requirements.

Response:

Quarantine free travel between the Cook Islands and New Zealand commenced on 17th May 2021 with specific requirements which can be obtained from the Ministry of Foreign Affairs and Immigration.

It is intended that ICI will work with the successful supplier and the Ministry of Foreign Affairs and Immigration to secure approvals where required.

Tenderers are requested to base their proposals on the current impacts and restrictions due to COVID-19 and to identify innovative solutions and work methods within their proposal to enable the works to be progressed given the current global situation.

Tender Closing Time

Given that Monday the 7th June 2021 is a Public holiday the tender Closing time is extended.

The new Tender Closing Time is: **12:00pm (mid-day), Tuesday, 8th June 2021**

Kind regards,

Solomona Solomona

Acknowledgement: Please sign below and return this page via email for the attention of:

Solomona Solomona, Contract Officer

Email: solomona.solomona@cookislands.gov.ck

The undersigned confirms receipt of NOTICE TO TENDERERS 003 – Responses to Queries.

Receipt and acknowledgement by: _____

On behalf of: _____