

PACIFIC AVIATION INVESTMENT PROGRAM
TONGA AVIATION INVESTMENT PROJECT
PROCUREMENT OF PHYSICAL WORKS FOR THE AIR TRAFFIC CONTROL TOWER, FUA'AMOTU
INTERNATIONAL AIRPORT, TONGA
CONTRACT REF: TAL/ICBW/A-A41

24th November 2017

CLARIFICATION NO.4 TO THE BIDDING DOCUMENTS

The PAIP TFSU would like to issue the following clarification in response to questions asked by a bidder in relation to the above named tender. The questions and answers are provided below:

	Question	Answer
1	Please provide a Cross section, and Elevation for the WorkStation, Tea Station and Low Level Cabinet on level 16, A510	Contractor supply item local specialist joinery to submit design for approval. Local fit out to suit RC cast structure.
2	Can you please confirm whether we will be installing Asphalt shingle over the GRP on the tower roof	GRP roof not an Asphalt shingle roof.
3	Can you please provide Fixing details for the GRP to be installed on the Tower roof	Fixed to frame GRP manufacturers design.
4	Can you specify which detail for the VRC window is correct. Cross section A-A S-417 or Sections A-A and B-B S-409. Is there a Soffit or just a flat Fascia	A-A S-417 shows the window detail. S-409 does not show the window just the frame forming the opening. There is a soffit.
5	Can you please provide details of critical junction points on the building – intersection of roofing on ATS to Tower. Or do we just apply best trade practice	Best trade practice to suit roofing manufacturers recommended details and Tonga Building Code.
6	Hand rail s-409, Can we have fixing details for Hand rail/ what rating this needs to have.	Handrail/safety harness attachment Rail rating.
7	Finishes Schedule has Ceiling in VRC level 16 as Concrete. Is this Correct or should we allow for Suspended ceiling Gib Lining	Grid 600x600 ceiling shown on E/204. Finishes schedule A-504 general notes for levels T0-T16. Allow for suspended ceiling to VCR.
8	Please Provide Specification for Aluminium type. Altus, Origin etc.	6.2 Architectural specification AS/NZS 1734 Alloy:5251-H16 or 5005-H16.
9	Please provide Specification on Water Proofing Membrane to be applied level 15	Contractor to supply locally available material for approval to meet Tongan Building Code.
10	Please provide details on septic tank connections. Can you clarify what is going to be included in the	MOI tank info included in the Architectural Specification 12.9. Contractor to supply full system and commission.

	contractor's scope?	
11	Please provide details of Rain Screen mentioned on C-104	Contractor's supply GRP/Cladding to RC concrete upstand.
12	Can you Clarify if the dedicated mains power supply and Telecom cables will be part of the Contractors scope or Clients?	Yes. To the extent shown on drawing E-213 as new services. Tower services to be fully commissioned.
13	Shall the Contractor supply new Aviation obstruction lights or reuse the existing.	Allow for new lights and fixtures.
14	Clarify whether the antennae are part of the aviation systems suppliers' scope and not Contractors	Antennae are not part of Contractors supply, will be installed by client, ducts with draw cords required S-409.
15	Please Clarify the extent of contractors work with the Mains water supply. Is it a tapping band off the existing running to the Fire station? Of a dedicated line?	To supply all the new water supply as shown in blue on E-213. From water tank to tower and the fire station.
16	Please provide clarifications of exterior Hand rail materials. Galv, Aluminium?	Contractors supply.
17	Can you please specify in correspondence the scope interface of contractor and Aviation equipment and communications installer?	To be finalised by the Employer and negotiated with the contractor.
18	Can you please Provide Details on the Size and Construction of the Plant/Pump building	Contractor supply to suit system, specialist local supply contractor design for approval.
19	If we were to provide a form finish to the interior and exterior of the control tower, would we need to provide a plaster cost or would none visible patch be acceptable?	A good standard Non visible patch acceptable, Tower to be painted semi gloss White.