

PACIFIC AVIATION INVESTMENT PROGRAM

SAMOA AVIATION INVESTMENT PROJECT

Procurement of Physical Works for Airport Pavements, Drainage and Service Infrastructure, Faleolo International Airport, Samoa

CONTRACT REF: SAA/ICBW/S-A15.4

12th July 2017

CLARIFICATION NO.4 TO THE BIDDING DOCUMENTS

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

Ref No and bid document page no.	Bidder's Question	Answer
17 06 19 Faleolo Airport Schedule of Quantities,& 17_05_02 SAIP APW Draft ESMP V6_4 For Bid Package	Is separable portion 1 & 2 in '17 06 19 Faleolo Airport Schedule of Quantities' the Package 2 in '17_05_02 SAIP APW Draft ESMP V6_4 For Bid Package'?	Yes
Page 72 of Bid Documents, A5	Would the Employer/Engineer please provide any guidance indicator or index about safety cost based on local environment?	The bidder is to conduct its own research as part of the bid preparation.
17_05_02 SAIP APW Draft ESMP V6_4 For Bid Package,7.2.8	Refer the first paragraph of clause 7.2.8 of SAIP APW Environmental and Social Management Plan V6.4 (2017): <i>Community consultation must be undertaken once haul routes are identified for the projects. The road condition will need to be assessed for suitability of heavy vehicles and increased traffic. Any upgrades or repairs will be the responsibility of the contractor using the haul route or as agreed with LTA and SAA.</i>	Q1 – The Contractor is required to consider the source of supply and haulage route to be in compliance with the PESMP. The Employer will consider such considerations in the review and approval of the Traffic Management Plan and CESMP. The Contractor is to inform itself suitably of the requirements of LTA as appropriate. The Employer will provide support to the successful Contractor based on a

	<p>Question 1: Can the Employer/Engineer designate the route to haul the material from the port and airport to the project site and assure that the route will be accessible all the time for the Contractor during the construction?</p> <p>Question 2: Can the Employer/Engineer provide the structural drawings of the route or assist the Contractor to check and assess the route to facilitate the Contractor to improve and repair the route?</p> <p>Question 3: please indicate the route to haul material within the project site.</p>	<p>compliant CESMP and TMP.</p> <p>Q2 – The Contractor may liaise directly with LTA for any road structural drawings.</p> <p>Q3 – The existing airside roads are the currently designated for safe vehicle movements and are available for inclusion as haul routes subject to submission and approval of the TMP. As this will be dependent on the location of the construction camp, site entrance, etc, it is expected that the Contractor will make due consideration and planning accordingly.</p> <p>Refer 1.3 Access to the Site (Section VII Technical Requirements E – Site Conditions and Requirements)</p>
<p>17_05_02 SAIP APW Draft ESMP V6_4 For Bid Package, 7.2.4</p>	<p>Refer the clause 7.2.4 of SAIP APW Environmental and Social Management Plan V6.4 (2017): <i>The contract shall have spill kits readily accessible, with staff trained in their use. Should any hazardous waste be produced during the works, it would be required to be exported to a landfill in a country which is approved to accept such waste. Should an emergency event occur there is also potential for a discharge of hazardous substances to the environment or the use of fire retardants during firefighting. The spill response plan should include provisions for mitigating any adverse effects.</i></p> <p>Question 1: Please guide the exact location and numbers of spill kits.</p> <p>Question 2: Will fire retardants be provided by the Contractor?</p>	<p>Q1 – At a minimum spill kits should be available in close proximity to where hazardous substances are used and stored e.g. on the work truck or beside the fuel store. The location and number are the responsibility of the Contractor.</p> <p>Q2 – The Contractor is to make due allowance for fire and emergency response associated with plant, equipment and operation. SAA maintains jurisdiction for fire safety compliance on the airfield.</p> <p>Q3 –The Contractor is to determine the location with permitted dedicated disposal sites for hazardous waste. Countries in the region that may have suitable facilities include</p>

	<p>Question 3: Please provide the country name that is approved to accept such hazardous waste?</p>	<p>Australia, New Zealand and Fiji.</p>
<p>17_05_02 SAIP APW Draft ESMP V6_4 For Bid Package, 7.2.3</p>	<p>Refer the clause 7.2.3 of SAIP APW Environmental and Social Management Plan V6.4 (2017): <i>Mitigation measures will include liaison with MNRE should any fauna (e.g. reptile, avian, amphibian or mammal) be encountered that affect construction activities (e.g. nesting bird).</i></p> <p>Question: Will the mitigation measures be prepared by the Contractor? Are there ready mitigation measures to refer?</p>	<p>Should fauna be impacted by works, then the contractor must, as a minimum, liaise with MNRE. The contractor should then take any actions recommended by MNRE. The Contractor is also able to include additional mitigations if they choose; this can be described in the CESMP. There are no ready mitigations to refer to as it will vary depending on the situation.</p>
<p>17_05_02 SAIP APW Draft ESMP V6_4 For Bid Package, 8.6</p>	<p>Refer the clause 8.6 of SAIP APW Environmental and Social Management Plan V6.4 (2017).</p> <p>Question: Does the Employer/Engineer have special requirement about civilized construction? Please indicate to which extent the landscape should be recovered after the construction is completed.</p>	<p>Landscape should be restored to the pre-construction state as much as possible. No new areas of exposed soil should remain and compacted ground should be loosed and revegetated (if vegetation was removed or lost in the construction process)</p>
<p>17_05_02 SAIP APW Draft ESMP V6_4 For Bid Package, 5.1.3</p>	<p>Refer the second paragraph of the clause 5.1.3 of SAIP APW Environmental and Social Management Plan V6.4 (2017): <i>The topography at the APW and the immediate vicinity is composed of generally low-lying land, with average elevations of 3.8 m above mean sea level. Higher elevations occur along the southern perimeter of the site and the western end of the runway. Soils of the area are clay to silty clay textures of mainly olivine basaltic origin, weathered up to depths of 20 m.</i></p> <p>Question: Is there slush there? What is the depth of weak</p>	<p>Known geotechnical information for the site has been provided.</p> <p>Additional geotechnical or geological exploration and testing may be carried out by the Contractor to inform the design.</p> <p>Refer 1.11 General Design Requirements (Section VII Technical Requirements A – General Requirements)</p>

	<p>soil with high water content?</p> <p>Question 2: Does the design work in this bid include geological exploration? Can the Employer/Engineer provide related documents of geological exploration and its drawings?</p>	
<p>17_05_02 SAIP APW Draft ESMP V6_4 For Bid Package, 5.1.4, 7.2.2, and page 7 of Stakeholder Consultation Record 9th-30th September, 2015</p>	<p>Refer the clause 5.1.4 and 7.2.2, and page 132 top paragraph of SAIP APW Environmental and Social Management Plan V6.4 (2017).</p> <p>Question 1: Can the Contractor get sufficient water for construction with good quality from the project surrounding place? If bore well water is not enough, can the Contractor make more bore well? If yes, what is the depth of well normally?</p> <p>Question 2: What about the city water and electricity supply and internet service? Are they stable? What is the procedure to make connection? What is the price? Does the Contractor need to arrange generator?</p>	<p>The Contractor is to inform itself as to the source of water, electrical and communication supply options for the works. This includes siting, connection, costs and compliance.</p> <p>The Contractor may provide own supply or back up generator to support their construction works</p>
<p>Bid Documents</p>	<p>Please indicate what Specification for construction, project quality management, documents management and construction without suspension of flight operation etc., will be applied in this project. Will Engineer be hired in this project?</p>	<p>Engineer will be appointed</p> <p>Refer General Conditions of Contract</p>
<p>17_05_02 SAIP APW Draft ESMP V6_4 For Bid Package, clause 8.1 and page 104 Landscape</p>	<p>Refer the following paragraph: <i>The Contractor should adopt the COEP for Quarry Development and Operations and the specific measures stipulated this PESMP. Key mitigation measures from this document are outlined below. Consenting requirements will need Contractors to include provision for quarry</i></p>	<p>The source and supply of aggregate is the responsibility of the Contractor. The PESMP includes guidance should the Contractor wish to establish and operate or utilise an existing local quarry supply. All such considerations relating to supply are at the discretion of the</p>

<p>degradation</p>	<p><i>specific plans including environmental management, health and safety and rehabilitation. If a Development Consent is required, an EIA will need to be developed for the selected quarry site.</i></p> <p><i>Restoration of quarries to be completed in accordance with quarry permit and COEP 8.</i></p> <p><i>Restoration of landscape after completion of rehabilitation works; restore the vegetation cover in accordance with the surrounding landscape and any required design (e.g. grass land or shrubs).</i></p> <p>Question 1: Should the quarry be operated by the Contractor or by local operator? How much will it cost to go through all the required procedures to open the quarry?</p> <p>Question 2: what is the legal procedure to procure explosive material?</p> <p>Question 3: Does the quality of local quarry satisfy construction requirement? What is the ratio between rock and soil?</p> <p>Question 4: After completion of the project, to which extent should the Contractor recover the landscape at the quarry place?</p>	<p>Contractor in compliance with the requirements of the PESMP.</p> <p>Refer 1.14.2 Quarrying as applicable to Contractors proposal</p>
<p>Bid Documents</p>	<p>Please clarify what types of taxes/duties to be charged for sea transportation and land transportation, what taxes/duties to be paid for construction business. Does the Contractor need to register one local company to pay taxes/duties?</p>	<p>It is the responsibility of the Contractor to familiarize itself with the tax regulations in Samoa. As indicated in Section I. Instructions to Bidders, clause 14.7</p> <p><i>"All duties, taxes, and other levies payable by</i></p>

		<i>the Contractor under the Contract, or for any other cause, as of the date 28 days prior to the deadline for submission of bids, shall be included in the rates and prices and the total Bid Price submitted by the Bidder."</i>
Bid Documents	<ol style="list-style-type: none"> 1. Can the Employer/ Engineer provide the drawings of existing lighting system? Who was the supplier of the existing lighting system? 2. Refer '17 06 09 Design and Build - Technical Requirements' 1.12.11. Should the NAVAID lighting holder and support, lift ring, cable pipes etc. be procured by the Contractor of this Bid or other contractor? 3. What is the specific requirement about green belt watering (by hand or artificial intelligence)? 4. What is the construction specification for aviation fuel pipeline? Should the existing pipelines be removed? 5. Will construction affect the existing fire-fighting pipeline? 6. Will the widening of apron affect the existing underground water and electricity pipeline? 7. Will the construction of NAVAID lighting influence the Contractor's construction progress? 	<p>Q1 – Hard copy of drawings (dated 1980th) are available for review at SAIP office. They will be made available electronically shortly.</p> <p>Q2 – Aspects associated with coordination with existing AGL including lift ring, cable pipes to be included by the Contractor.</p> <p>Q3 – There is no mention of green belt watering in the PESMP or in the bid document</p> <p>Q4 – Known details have been provided. The Contractor design is to consider the operational requirements for aviation fuel pipelines.</p> <p>Q5 – Contractor to consider this in the design and construction methodology</p> <p>Q6 – Contractor to consider this in the design and construction methodology</p> <p>Q7 – Contractor will be expected to coordinate with other contractors via the Engineer.</p>
Schedule of Prices, M1	Should the Contractor provide FOD equipment or just provide FOD components? What components should be	Contractor should make due allowance to ensure pavements are kept free of FOD to

	included?	<p>enable safe operations.</p> <p>Contractor is to supply two, single FOD Boss full assemblies as pictured.</p> <p>https://www.aerosweep.com/equipment/single-equipment/</p> <p>Or similar approved.</p>
17 06 09 Design and Build - Technical Requirements, 1.3.1	<p>Is the present level of runway and apron same as described in the Bid Documents?</p> <p>What is the possibility of water backflow? What is requirement about the improvement of drainage system?</p> <p>How will the drainage pipe be distributed to improve?</p>	<p>The level of the runway has not changed since the development of the Bid Documents.</p> <p>The possibility of tidal backflow is high, hence the requirement for a flow valve at the outlets.</p> <p>The Contractor is to consider and implement improvements to the airfield drainage system. Refer 1.4 Client's Functional Requirements.</p>
Bid Documents	Please provide all drawings of existing infrastructure and facilities (runway, NAVAID lighting system, fuel supply, apron etc.).	All available information has been supplied.
Bid Documents	Please indicate the time when construction can be effectively carried out with consideration of no suspension of flight operation. Is there any charge caused as regulated by concerned authority due to the construction with no suspension of flight operation?	<p>All operational data is provided in the bid documents.</p> <p>At no time is there to be an impact on scheduled aircraft services unless agreed by the airlines and SAA.</p>
Bid Documents	Is there place to fetch soil and dispose soil? What is the distance to the project site? Does the soil quality meet construction requirement?	The Contractor is to inform itself as to the source of soil options for the works. The soil quality and grass germination requirements are defined in the bid documents.

		Refer 1.14 Minimum Specifications (Section VII Technical Requirements A – General Requirements)
Bid Documents	Will it be charged for the construction personnel to enter the flight operation area? What is the procedure to apply license to enter the flight operation area?	Please seek guidance from Aviation Security.
17 05 09 LAB Work Order Rates	<p>Please indicate if the Schedule of Prices includes cost of tests.</p> <p>Does the Contractor need to arrange his own laboratory?</p> <p>What will be the frequency of site tests?</p>	<p>The Contractor is to ensure they have suitable facilities to complete testing in accordance with the specification and design.</p> <p>The Contractor is to include costs for tests.</p> <p>Refer 1.2 Testing & Inspection (Section VII Technical Requirements B – Tests & Schedule of Guarantees)</p>
Bid Documents	Please specify the location proposed for project team life area.	<p>Contractor Laydown Area is to be proposed by the Contractor and not be located within the airfield.</p> <p>Contractor's residences are to be arranged outside of the Contract.</p> <p>Refer 1.2 Contractors Laydown Area (Section VII Technical Requirements E – Site Conditions and Requirements)</p>
Bid Documents	Does Bidder need to prepare strategy and plan for project environment and social impact management (including how to include it into the employment regulation, how to make training, how to supervise the	At the bid stage, the bidder needs to prepare the 4 management strategies and implementation plans that are listed in Section 2.2.3 and ITB 11.1 of the bid document. This

	implementation of it),Code of conduct (Environment, social impact, occupational health) ,risk control of environment, social impact, occupational health system?	<p>includes:</p> <ul style="list-style-type: none"> Code of Conduct for GBV and /or CAE Code of Conduct for workers in regard to ESHS OHS Plan Traffic Management Plan Waste Management Plan Quarry Management Plan (if required) <p>These plans should follow the requirements of the PESMP and the bid documents.</p> <p>The successful bidder will then have to develop a CESMP which will cover all of the other ESHS requirements.</p>
Bid Documents	Please confirm if the fund will be directly paid by World Bank to the Contractor, or indicate the payment path.	The payment to the Contractor under the resultant contract will be from the Ministry of Finance to the Contractor.
Page 136 of Bid Documents, 1.1.3.7	Defect Notification Period is 36 months. Is it possible to change it to 24 months?	DLP to be 24 months.