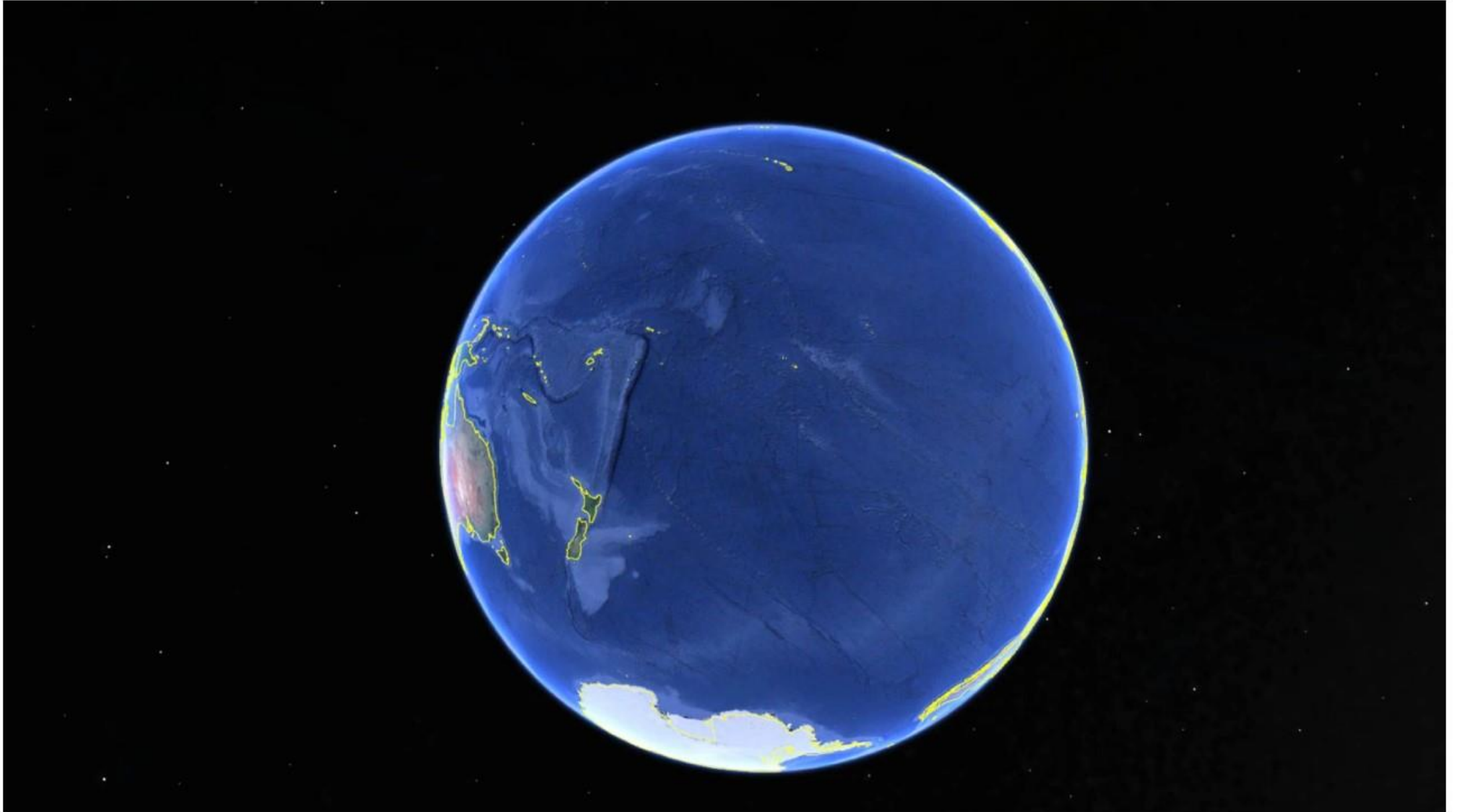


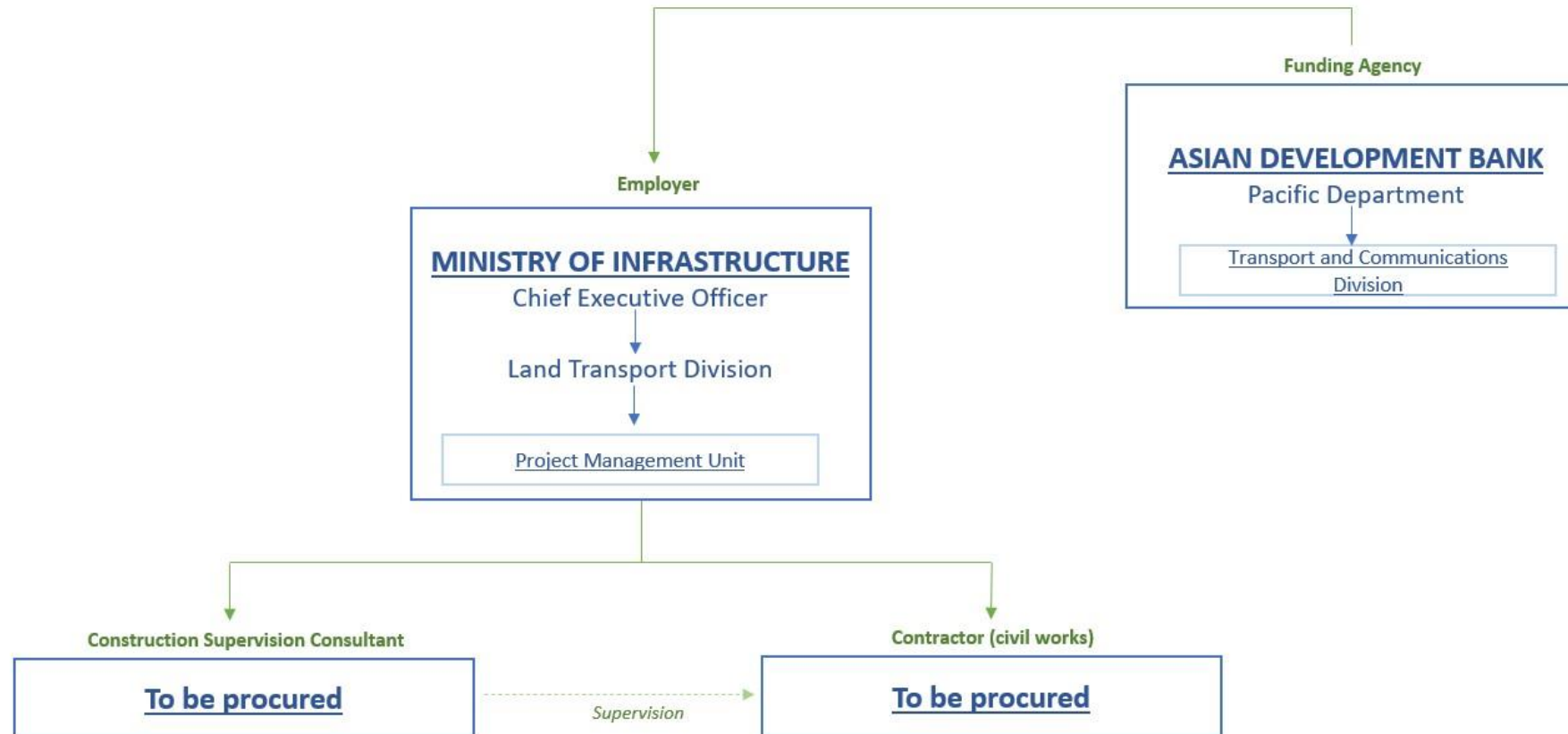
Fanga'uta Lagoon Bridge Project



Project Overview



Institutional Arrangement



Project Timeline



Tender – Q3 2022



Award – Q1 2023



Construction Time Frame: 2023 - 2026

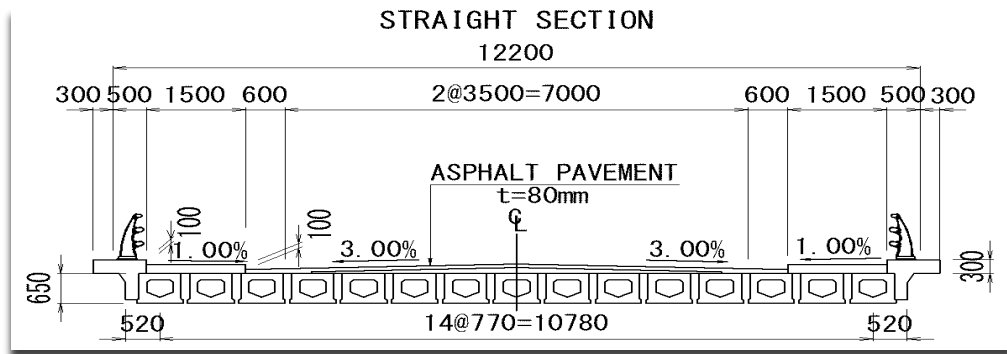
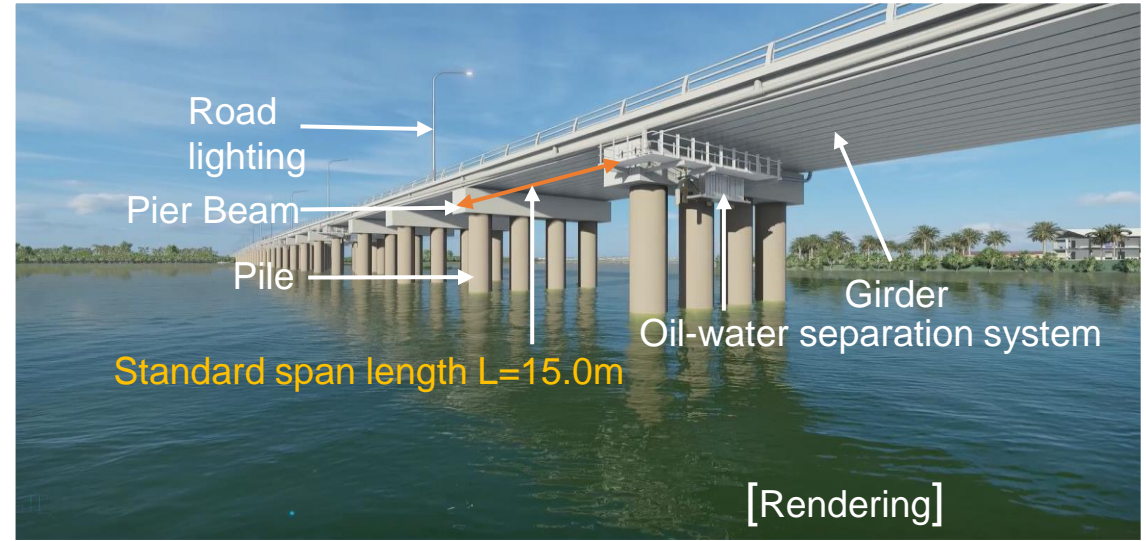
Project Scope



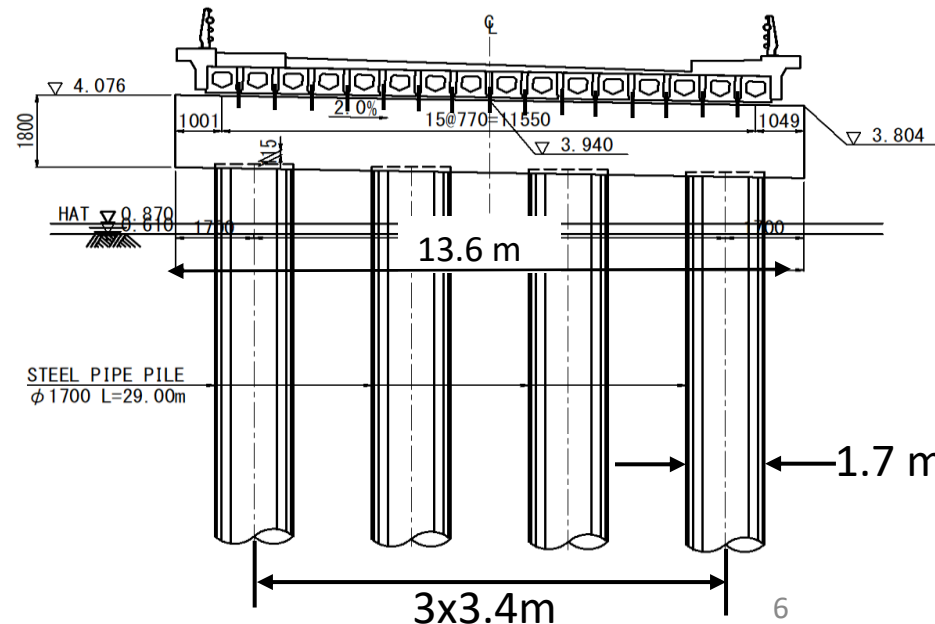
No	Name of works	General information	Note
1	Approach road (North side)	L=170m, W=13.93m*	New Road (Including one new roundabout)
2	Fanga'uta lagoon crossing bridge	L=720m, W=11.2m*	PC Slab Girder Bridge (New construction)
3	Approach road (South side)	L=1,930m, W=13.93m*	New Road
	Total	L=2,820m	New Road L=2,100m, New Bridge L=720m

*Road width (between Edge of Sidewalk, not including curve widening)

Bridge Works



Superstructure: Precast PC Hollow Slab Girder



- All Piers
- Steel Piles
- Concrete Pier Beam

47Piers(P1-P47)
Piles(D=1.7m)
47x4=188 piles
L=23.5m ~ 31.0m

2Abutment(A1,A2)
Piles(D=1.0m)
2x10=20 piles
L=25.5m,19.5m

Substructure & Foundation: Pile-bent type

Road Works



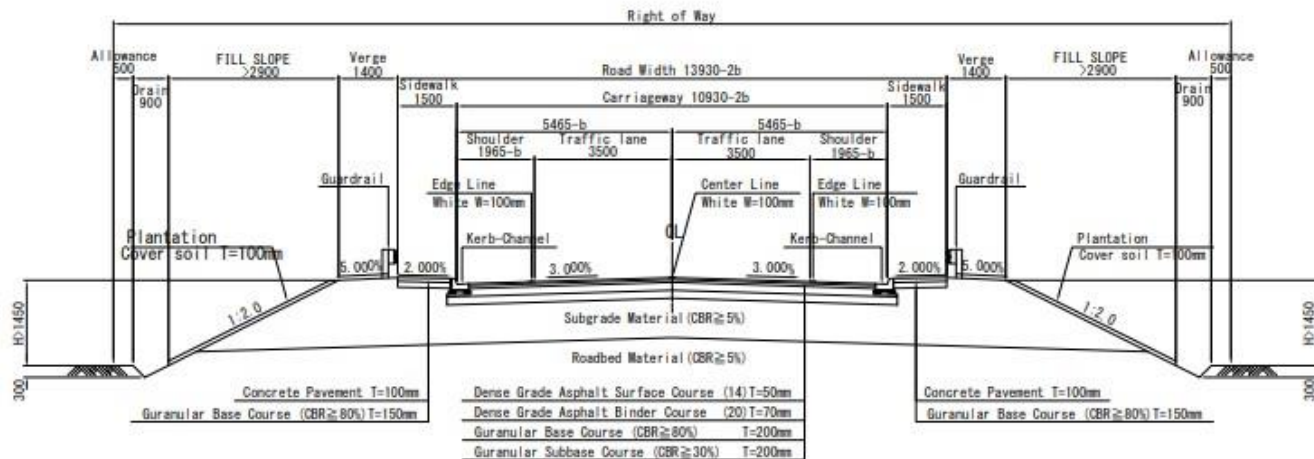
Road Furniture and Markings

- Road Signs
- Guard Rails
- Delineator
- Road Studs
- Pavement Marking
- Road Lighting
- Hump

Urban Section

(STA 0 - STA 10+40)

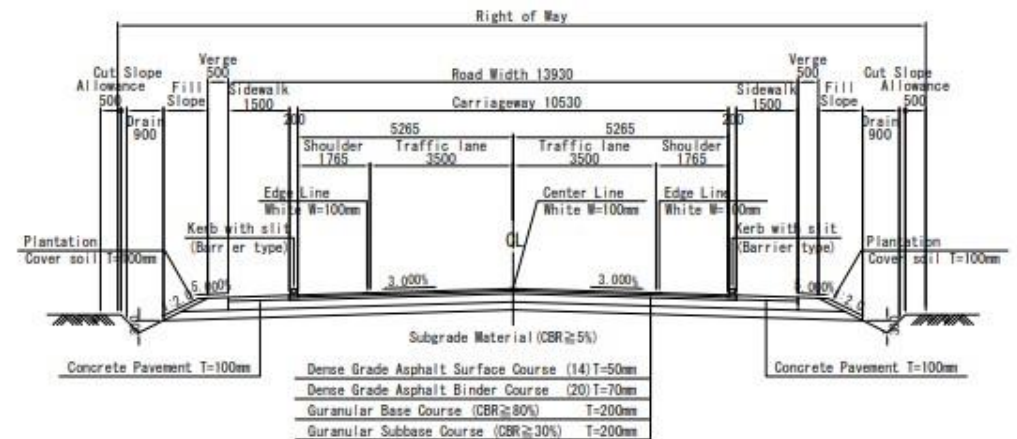
Embankment height > 1.5m
Subgrade Material (CBR ≥ 5%)



Suburban Section

(STA 10+40 - STA 20+80)

Embankment height < 1.5m
Subgrade Material (CBR ≥ 5%)



Images of completed project



Visualization Tonga Project
NORTH ROUNDABOUT

Tender Process

Tender organized through Tenderlink

Preparation of Bidding Documents

Single Stage, Two Envelope – Technical Proposal + Financial Proposal

Bid to be submitted electronically via **Tenderlink**

All addendums and clarifications to be uploaded to Tenderlink

Clarifications from Bidders to be issued on the Tenderlink Forum

Tenderlink forum to be closed 21 days before end of tender

Tenderlink Portal



Ministry of Infrastructure of the Government of Tonga e-Procurement Portal

» Latest Tenders (click to view):

[All Current Notices](#) [Tenders](#) ▾ [Industry Categories](#) [Registration](#) [Support](#) ▾

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Welcome to Ministry of Infrastructure E-Procurement Portal

Ministry of Infrastructure uses this portal to advertise tenders and other commissioning requirements to the market and to manage the process through to contract award stage.

Free supplier registration

We welcome current and potential suppliers of goods and services to register on this portal. There is no charge for registration. To register, click on the registration tab above or watch one of our video tutorials below.

Why register?

Once confirmed as a registered supplier, you will receive email notification of any new opportunities we publish. You will also be able to access this portal to:

- (a) view any associated documentation;
- (b) participate in Q&A forums;
- (c) submit electronic bid responses through our secure, e-tender box facility.

Video tutorial help

A range of online video tutorials have been developed to assist you in using this TenderLink website. Click [here](#) to watch them now.

Email:

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[View our Help Page](#)

Tender Statistics

* Open Tenders : 0

* Closed Tenders : 8

[Upcoming TenderLink Workshops](#)

This e-Procurement portal is powered by



Webpage Link

www.tenderlink.com/moitonga/

1. Qualification Criteria

Qualification Criteria	Requirements
Historical Contract Nonperformance	<ul style="list-style-type: none"> No history of nonperforming contracts as a result of contractor's default since 1 January 2017 Not under suspension based on execution of a Bid-Securing Declaration
Declaration: Environmental, Health, and Safety Past Performance	<ul style="list-style-type: none"> Declare any contracts that have been suspended or terminated and/or performance security called by an employer for reasons related to the non-compliance of any environmental, health and safety contractual obligations in the past five years.
Historical Financial Performance	<ul style="list-style-type: none"> Submit audited financial statements for the last five years. As a minimum, the Bidder's net worth for the last year should be positive.
Average Annual Construction Turnover	<ul style="list-style-type: none"> USD35 million within the last 5 years. One partner must meet 40% of the requirement, and each partner must meet 25% of the requirement.
Financial Resources	<ul style="list-style-type: none"> Must meet or exceed the total requirement for the subject contract of USD4.3 million. One partner must meet 40% of the requirement, and each partner must meet 25% of the requirement.
Contracts of Similar Size and Nature	<ul style="list-style-type: none"> Participation in at least one similar contract that has been satisfactorily and substantially completed within the last 15 years where the value of the Bidder's participation under the contract exceeds USD40 million.
Construction Experience in Key Activities	<ul style="list-style-type: none"> Construction of a multi span bridge with minimum 15m span length under one contract Construction of hot-mix asphalt pavement more than 40,000m² under one contract. Construction of foundations more than five (5) meter water depth under one contract.
Specific Experience in Managing Environmental, Health and Safety (EHS) Aspects	<ul style="list-style-type: none"> Experience in managing, according to good international industry practice, environmental, health and safety risks and impacts as identified in the environmental impact assessment (EIA).

2. Bid Evaluation

Technical Proposal



Bid Price

- Technical passing score is 70%.
- Bids will be ranked according to their Combined Technical and Financial Scores.
- The evaluation of the bid price is exclusive of Provisional Items as identified on the BoQ.

Technical Evaluation _ Section 3

TECHNICAL EVALUATION CRITERIA	Max. Weight	Bidder 1		Bidder 2		Etc	
		Rating	Score	Rating	Score	Rating	Score
1. Construction Approach & Methodology							
a. Site Organization							
b. Method Statements							
c. Mobilization Schedule and Equipment							
d. Construction Schedule							
2. Risk Assessment							
3. Key Personnel							
i. Contractor's Representative /Project Manager							
ii. Bridge Construction Engineer							
iii. Foundation Engineer							
iv. Road Engineer (Construction/Maintenance)							
v. Community Liaison Officer / Quality Management Engineer							
vi. Environmental Specialist							
vii. Health and Safety Specialist							
4. Quality Management System							
5. Health and Safety Management Plan							
6. Construction Environmental Management Plan							
TOTAL							

Malo 'Aupito

Q&A

