Samoa: Alaoa Multipurpose Dam Project

(Grant 0947/0948-SAM)

Pre-Application Meeting

28 September 2026

Government of Samoa

(Ministry of Works, Transport and Infrastructure)

Purpose of Today

- Introduce the Alaoa Multipurpose Dam Project
- Present the project's technical scope and current status
- Provide an overview of the published prequalification opportunity
- Explain the qualification, scored evaluation and shortlisting approach
- Present the procurement process, key dates and application arrangements
- Provide an opportunity for questions and clarifications

Session Agenda

1. Introduction and Opening Remarks
2. Samoa and the Significance of the Project
3. Project Video
4. Technical Scope and Current Status
5. Prequalification and Shortlisting Process
6. Qualification and Scored Evaluation Framework
7. Key Procurement Dates and Application Arrangements
8. Indicative Bidding-Stage and Contractual Information
9. Questions and Answers
10. Next Steps

A. PROJECT SCOPE AND STATUS AS OF 20 SEPTEMBER 2026

Project Scope

1. Primary Scope - To design and Build 4mi m3 Alaoa Multipurpose Dam and 0.6m MW Hydro on upper Vasigano River at ground level elevation of approx. 127m ASL above Apia City.
2. Purposes of the Dam: (i) Flood Control (ii) Water Supply Storage (iii) Hydro Power
3. Dam Type: RCC Construction (or other) - 4mi m3 Capacity, 320m wide & 59.5m high.
4. Dam Capacity Utilization: Total Cap: 4mi m3 - 3mi m3 Flood Control, 0.5mi m3 water storage and 0.5mi m3 dead volume for silt at bottom

Project Status

1. Prequalification RFP for primary contractor to Design-Build Dam was advertised on 7 September 2026, and close on 2 November 2026.
2. Three (3) additional Studies in progress: (i) Seismic Study – complete; (ii) PMP/PMF Study – In progress, completion in November 2026; (iii) Geotechnical Investigation – in progress, completion in May 2027 or earlier
3. Project Management and Supervision Consultant (PMC): The Consultant are expected to be onboard by January 2027.
4. Access Road and Bridge – Tenders to be advertised in Q4 2026 and construction to be completed in Q2 2027.
5. Preparation of PEAR, Environment and Safeguard plans for Road & Bridge – In progress

B. KEY FACTORS FOR SUCCESSFUL IMPLEMENTATION OF PROJECTS IN SAMOA

Project Types Implemented in Samoa

1. Bilateral Aid Donor Funded and Turnkey Projects – China and some NZ projects
2. Multi Donor Funded Projects – ADB, WB, Donor Grants, GoS
3. Multi Donor Funded Projects – Loan, Donor Grants, GoS
4. Single Donor Funded Project – ADB, WB or Donor Countries, GoS
5. Alaoa Multipurpose Dam and Hydro Project – ADB, Ireland Trust Fund, GoS

Types of Contracts Used

1. Design-Build – Single Contract
2. Two (2) Separate Contracts – Design and Build
3. Alaoa Dam is a Design-Build Contract

Reasons Why Use Design-Build Contract Model

1. Successfully used by ADB and GoS for other major infrastructure projects eg; hydro, airport runway, power sector expansion, bridge
2. Best suit for Dam Project – cost and time benefits, risk all on contractor, less chance of disputes, high-quality works
3. Separate Design and Construction for other projects did not work well in Samoa. - substandard supervision and quality; delays.

Key Factors for a Successful Project

1. Client's thorough selection of an excellent primary contractor with Design-Build capacity in-house: extensive experience in RCC dams, experienced technical and management staff, contract performance records overseas and in own country, good support from parent company headquarters; compliance with environmental & social safeguards, gender & labour, biodiversity, environmental management plans, financial capacity, integrity & honesty, good payment of suppliers and good skill labour force.
2. Client preparation of a good tender document and contract form with clear conceptual design option, availability of all studies and data to contractor
3. Client selection of a good PMSC that don't manage and monitor project construction from overseas and resort to hiring less experienced local staff to substitute. Key International Experts staff named in contract must spend not less than 60% of charged times

Key Factors for a Successful Project

here; no disclaimer statement in PMC responsibilities.

4. Good experienced local project manager with good track record and good project management unit. Best coordination with PMSC and Independent Panel of Experts.

5. Close and good working relationship with ADB Project team.

6. Work closely with the Contractor

7. Prompt decision making

8. Payment processes to comply with contract

9. Responsive Executing Agency (MOF) and Implementing Agency (MWTI)

10. Responsive Government. The Prime Minister of Samoa is now the Minister of the Infrastructure Sector with all 8 Agencies of Government. (MWTI, LTA, SWA, EPC, SAA, SPA, SSS & SSC)

Project Site Attractive Advantages

1. The Dam Site is only 2.5km away from Apia City
2. Main Port where all imported equipment, materials, supplies will arrive is in Apia. Good road to the project site. International Airport is 60 minutes drive from Apia.
3. Close to all government agencies, business and commercial center, for suppliers and other services; hospital.
4. Easy access by contractor to support supplies for staff
5. Excellent communication & telephone system – Internet,
6. Availability of excellent local contractors, suppliers and engineering companies

Today's Session

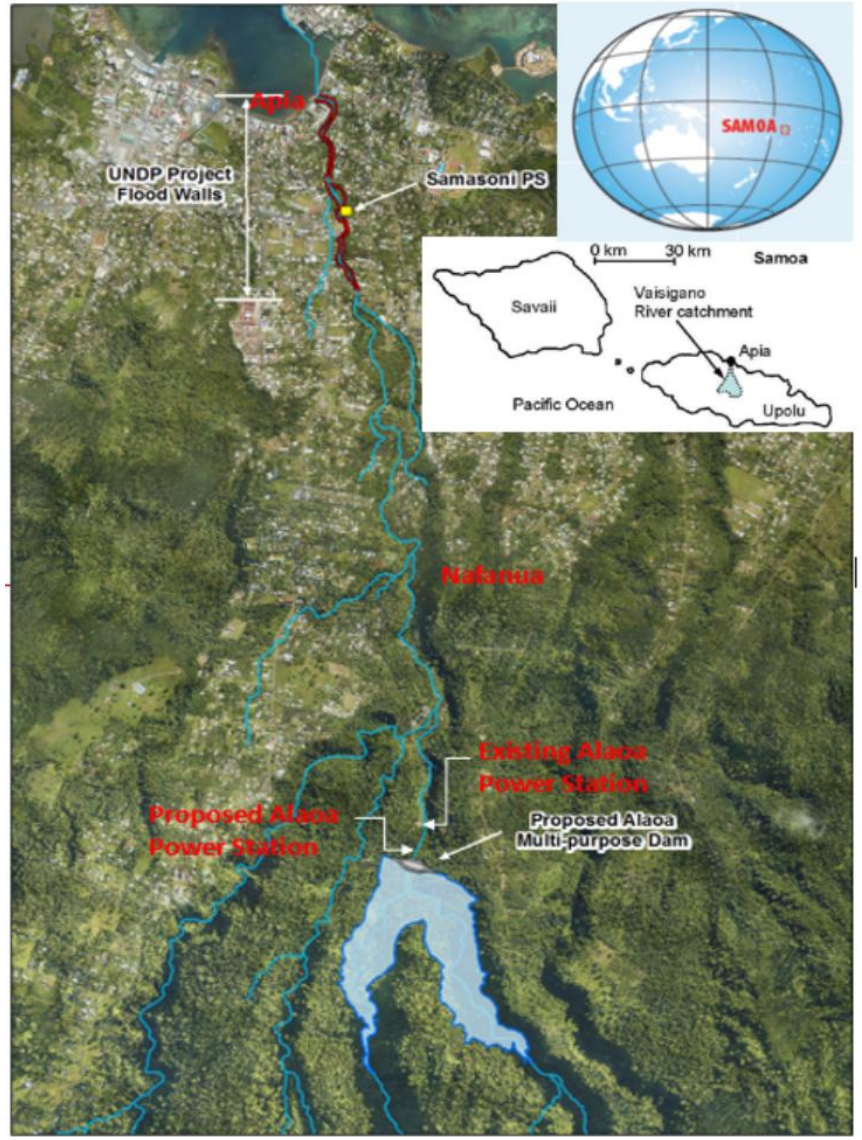
This session provides an overview of the Alaoa Multipurpose Dam Project and the published prequalification opportunity for Works-01a.

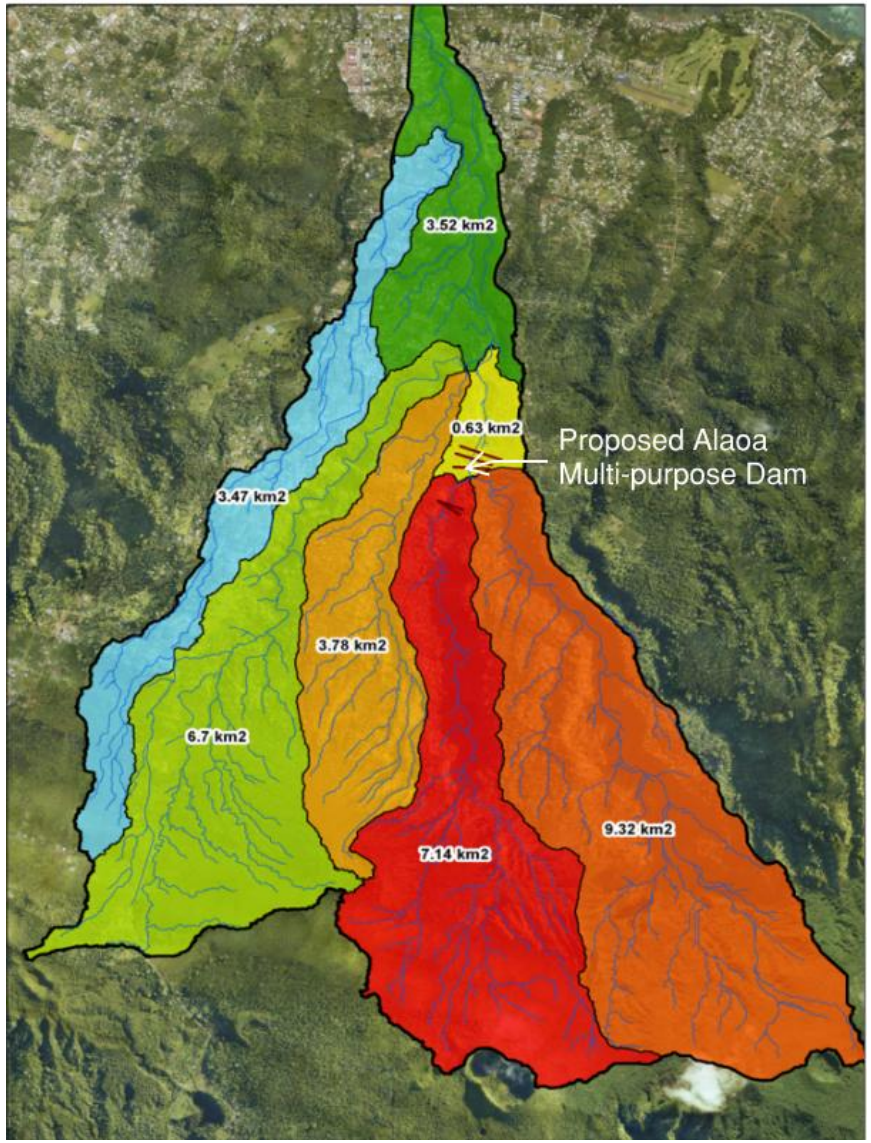
- **Event:** ADB Business Opportunities Fair
- **Date:** 24 September 2026
- **Location:** Manila, Philippines
- **Focus:** Project scope, prequalification requirements, shortlisting process and application arrangements
- Questions and answers will be addressed consistently with the formal procurement process.
- Any formal clarification, meeting record or amendment will be communicated through the official procurement channel.

Introduction and Opening Remarks - MWTI



Location Map and Vaisigano River Catchment





Project Video

Samoa: Alaoa Multipurpose Dam Project

Early Market Engagement – Completed Process

Early Market Engagement for the Alaoa Multipurpose Dam Project was conducted in May 2026 to introduce the Project, assess market interest and obtain contractor feedback before finalisation of the procurement approach.

- ✓ **The EME included a market-facing presentation, written feedback and bilateral discussions.**
- ✓ **Feedback received through the EME was reviewed by the Project team.**
- ✓ **The feedback informed the development of the prequalification and procurement approach.**
- ✓ **The current session presents the resulting prequalification opportunity and procurement arrangements.**
- ✓ **Participation in the earlier EME does not provide any preference or advantage in the prequalification process.**

Feedback received through the Early Market Engagement was considered transparently and does not affect the prequalification or any subsequent evaluation outcome.

Why the Alaoa Project Matters (1/3)

Problem-1: Flood Protection

- One of the **main causes** of **flooding** in Apia is the **Vaisigano River**,
- **Major floods** have occurred on **more than 10** occasions,
- Most extreme 100 yr event flood happened due to **Cyclone Evan** in Dec. 2012; then less severe floods in 2015 and 2018
- Cyclone Evan caused a total estimated damage of over **$200.0 million** in 2012; about **25% of Samoa GDP** in 2012.



Why the Alaoa Project Matters (2/3)

Problem-2: Water Supply-Alaoa WTP

- **Climate change** is **altering rainfall patterns**, threatening **water supply security** in small island states like Samoa
- The Vaisigano River, biggest river in Upolu, has **variable flows**, leading to **supply shortages** during **dry periods, from April to September**.
- At times, **high turbidity** makes river water unsuitable for the Alaoa treatment plant (**supplying 60% of Apia**), as it **clogs slow sand filters**.

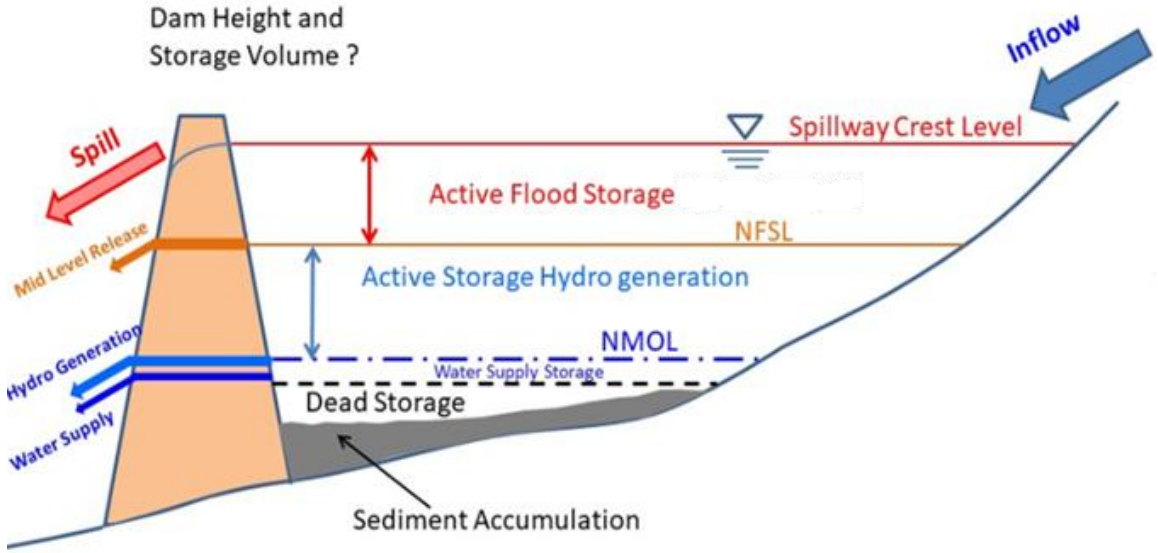
Why the Alaoa Project Matters (3/3)

Problem-3: Hydropower

- Samoa's **energy security** situation is **weak** due to high reliance on **imported fossil fuel account for 55% of total energy demand**. Renewable is 45% of which 35% is hydro and 10% solar.
- The reliance on imported fuel is reflected in the **high electricity tariff**.
- Plan – meet 70% of electricity demand (kwh) by 2032
- Climate change affecting rainfall, reducing hydro outpute

Integrated Solution: Flood Protection, Water Supply & Hydropower - the Alaoa Dam Project

- It will be a **Multipurpose Dam** – this means it is sized and designed for more than one purpose.
- 3 main purposes, in order of priority
  - **Flood Protection**
    - Increase the flood protection for Apia
    - Protection of Communities and, Key Infrastructure (hydropower and water supply)
  - **Water Supply Storage during drought periods and reliability of supply during dry season**
  - **Additional Hydropower**



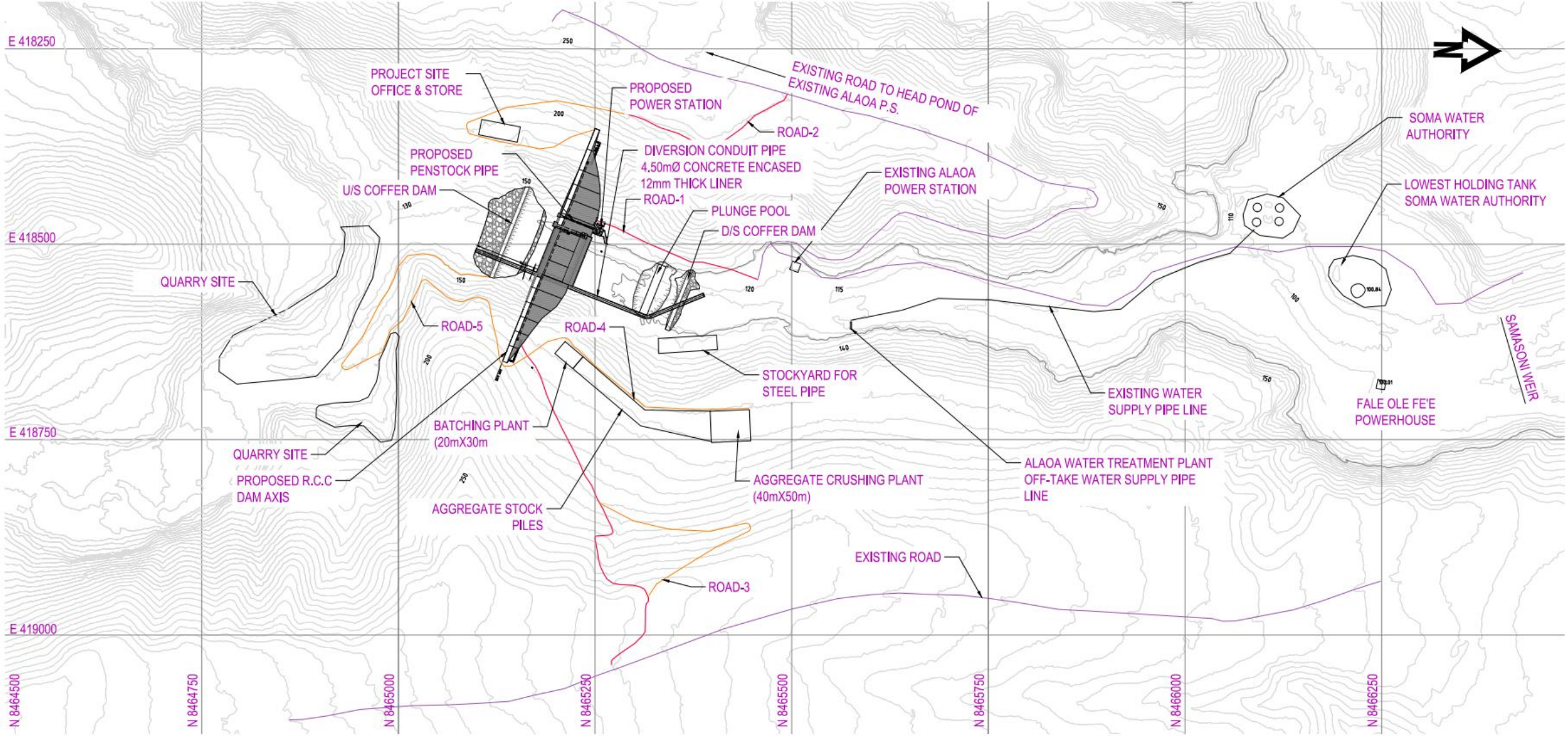
Salient Features (1/2)

- **Dam**
  - To be built at about 214 .4m
  - ASLType: Concrete Gravity Dam
  - Material: Roller Compacted Concrete **(RCC)**
  - Height = **59.6m**
  - Length = **320m**
- **Spillway**
  - Un-gated ogee crest
  - Chute overtop of the dam
  - Downstream flip bucket and plunge pool to dissipate the energy

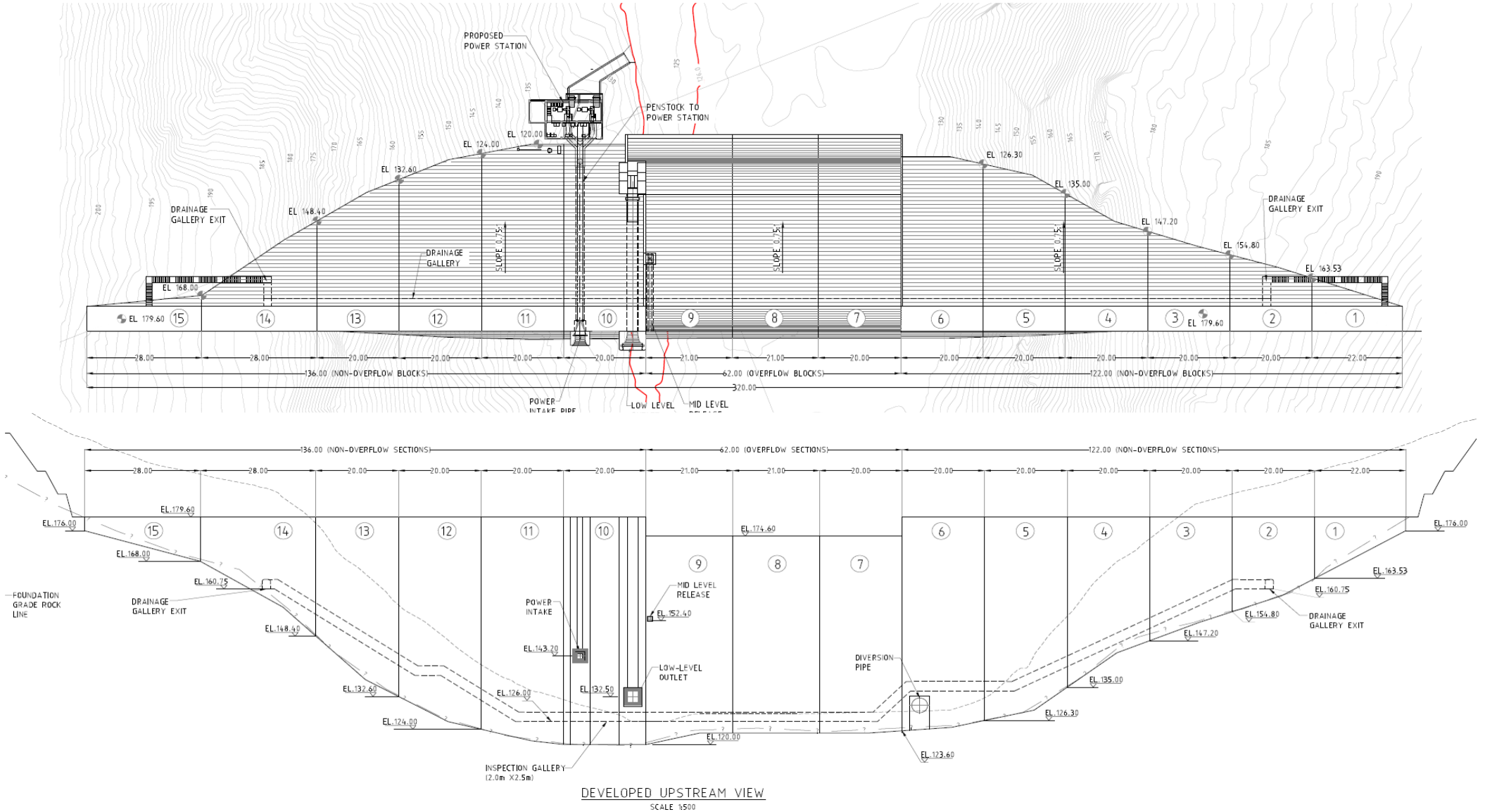
Salient Features (2/2)

- **Low-level Outlet for flushing of sediment (0.5 Mm3)**
  - 2.5m wide x 3.0m high
  - Radial gate at the downstream end
- **Water Supply Storage and Outlet (0.5 Mm3)**
- **Mid-Level Outlet for maintaining lake level for flood retention (3 Mm3)**
  - 0.9m diameter, with downstream valve
- **Powerhouse**
  - Surface station at the toe of the dam, left abutment
  - 2 x 0.3MW machines = **0.6MW** Total
  - Transmission connection

Drawings – Project Layout



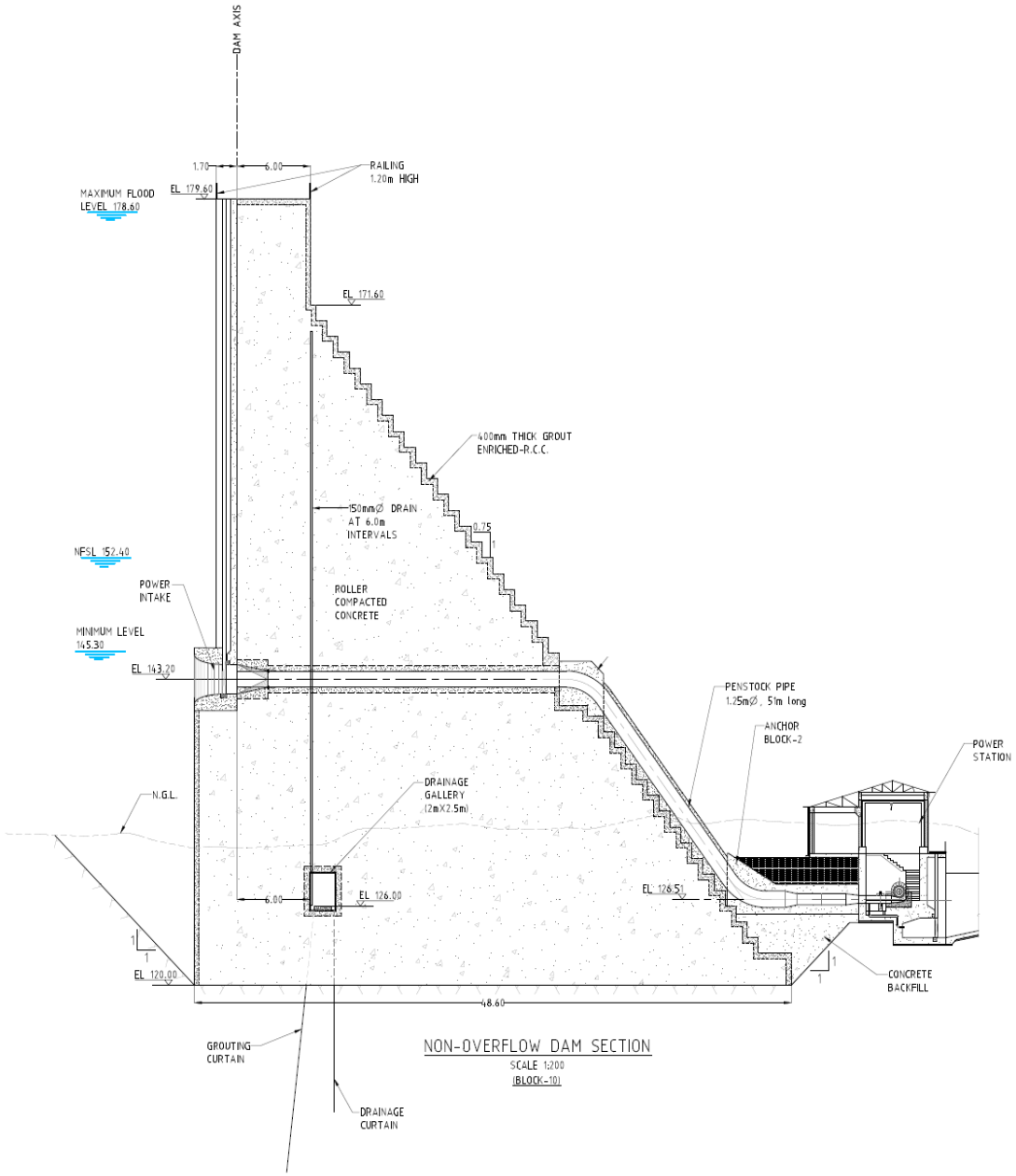
Drawings – Dam



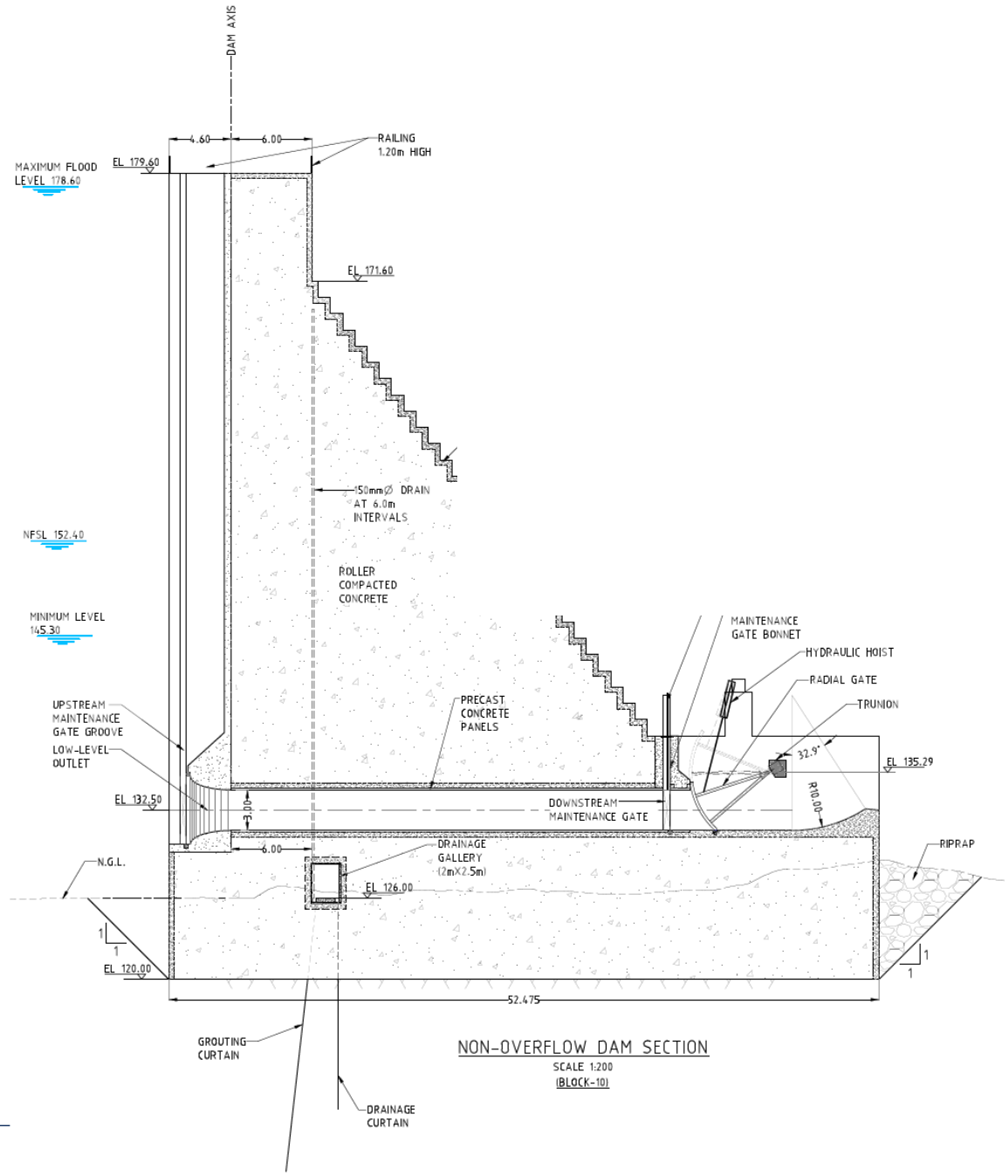
DEVELOPED UPSTREAM VIEW

SCALE 1:500

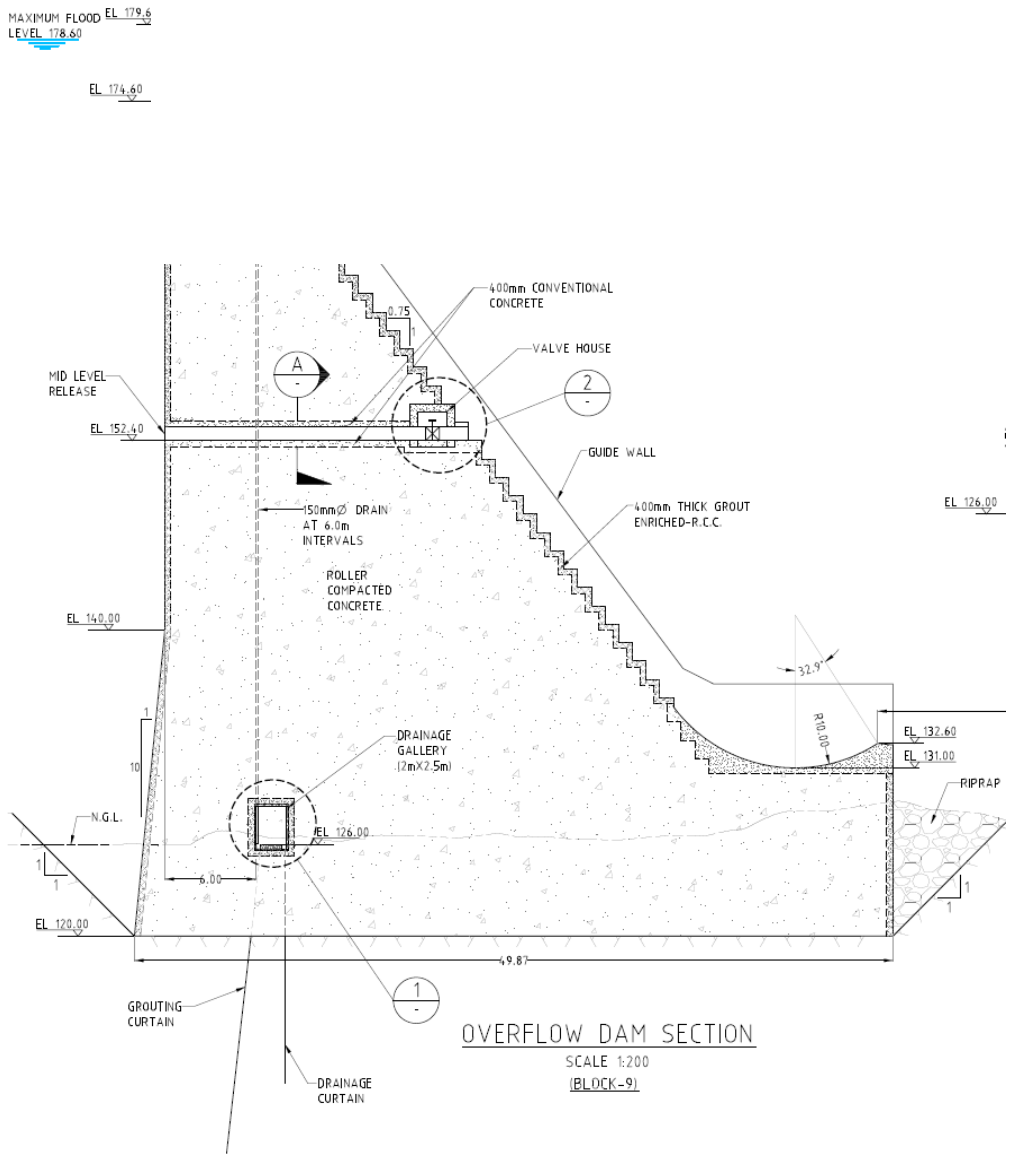
Drawings
Section Powerhouse



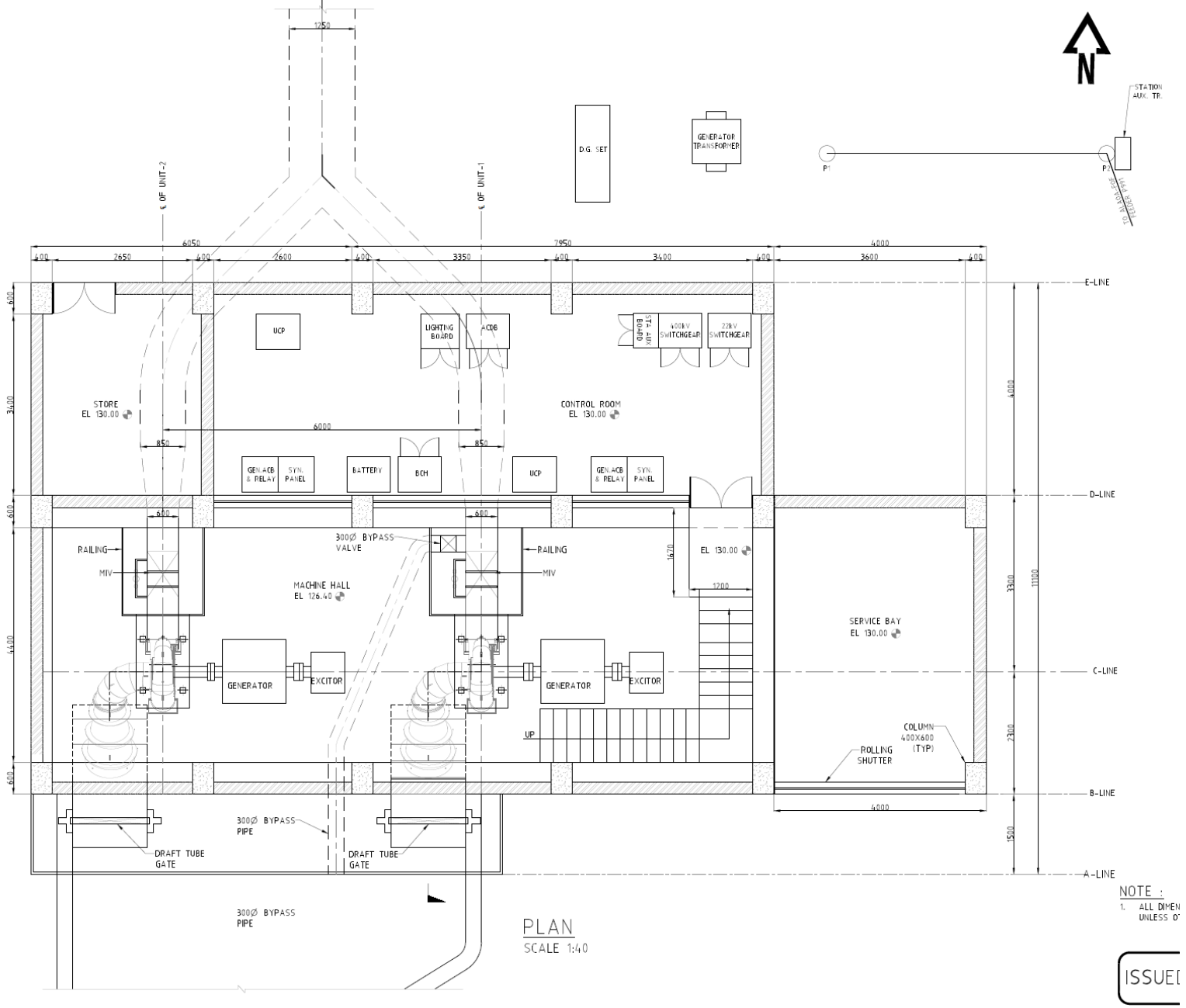
Drawings
Section Low Level Outlet



Drawings
Section Mid- Level Outlet



Drawings
Powerhouse



Entura's Studies

- **Project is technically viable based on multiple studies**
  - Work ongoing since **early 2018**
  - Project assessed as **technically viable**
- **Key Studies & Assessments**
  - LiDAR topographic survey & geological investigations
  - Dam site assessment
  - Hydrology & storage modelling
  - Climate change impact analysis
- **Planning & Safeguards**
  - Options assessment and final arrangement development
  - Environmental & social surveys
  - EIA & resettlement plan aligned with ADB safeguards

Geological Investigation Program

- Based on available budget and timeline **limited investigations** were carried out at the **feasibility stage**
- Key Risks are: (1) Depth of excavation, and (2) Leakage along Basalt Flows.
- Geological mapping of the site by Entura

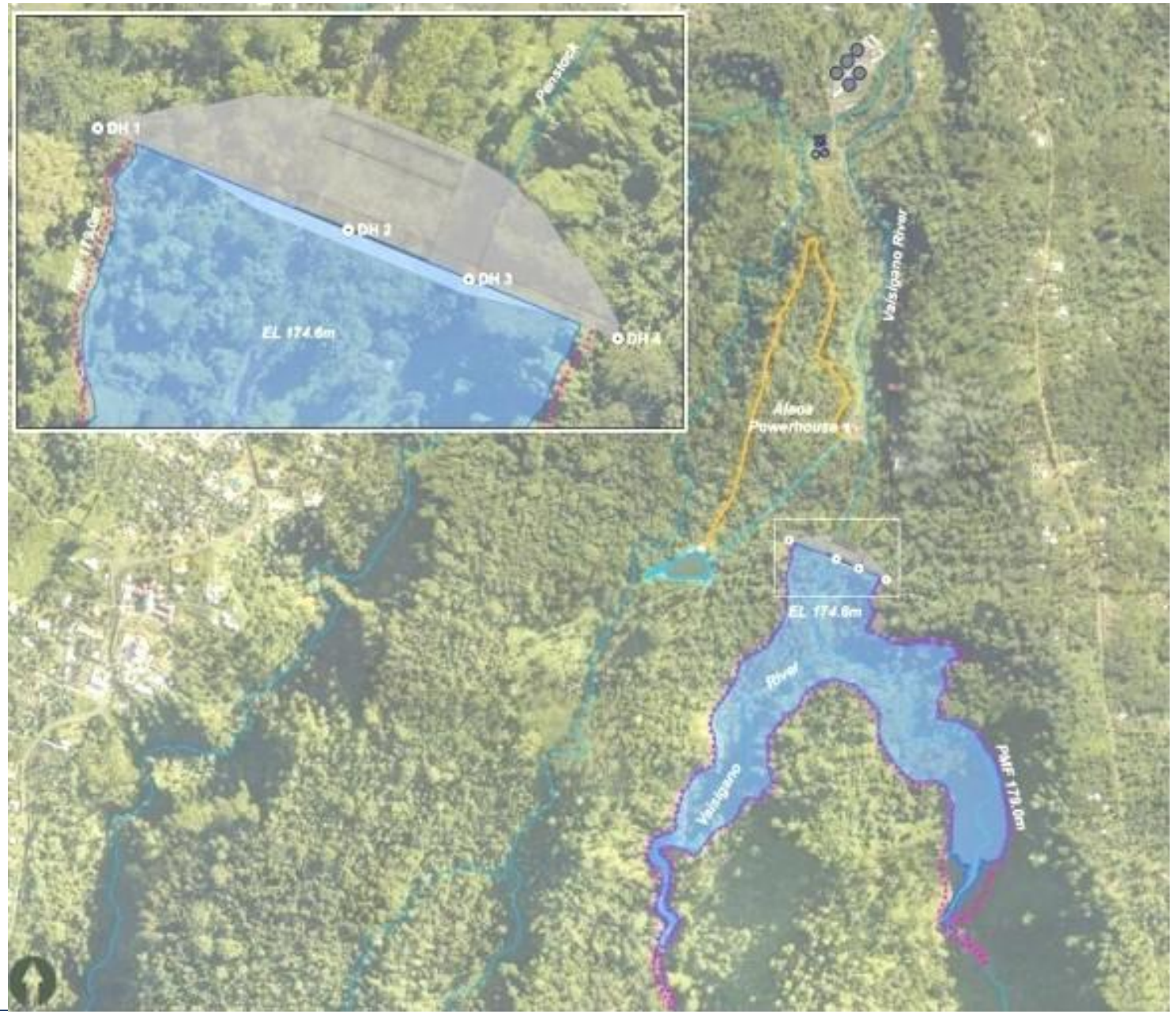
Additional Studies in Progress

- Seismic – by Seister
- PMP PMF – by Stantec NZ
- Geotechnical – by Stantec NZ

Geological Investigation Program

- Webster Drilling from New Zealand undertook drilling investigations – Completed June/July 2019
  - **4 drill holes,** around 60m deep each
  - Logging of the core
  - Point load testing
  - Water pressure testing of the 4 boreholes in stages
  - Entura had a fulltime geologist on site

Location of Drill Holes



Independent Panel of Experts (IPOE)

- Three Independent Panel of Experts were appointed in 2023 and contracted in 2026 for duration of project
  - Dam design and safety expert (Chair)
  - Geologist / Geo-technical engineer
  - Hydrologist
- IPOE presented their key findings/recommendations on 14 July 2023 to conduct 3 additional technical investigations which were adopted.

Additional studies/investigations

Additional studies/investigations for the following areas are in progress to mitigate the risks:

- **Geological Investigations to manage risks related to**
  - Foundation groutability;
  - Shear strength of interlayers;
  - Foundation erosion potential;
  - Aggregate quality and quantity;
- **Site-specific Seismic Hazard Assessment**
- **Hydrology PMP/PMF**

Scope of Additional Geotechnical Investigation

- **Field Investigations**
- Exploratory Boreholes (BH): 10 nos.
- Grout Trial Boreholes (GH): 6 nos.
- Control Boreholes (C): 2 nos.
- Quarry Investigation Boreholes (QH): 3 nos.
- Optional Quarry Boreholes (AQH): up to 6 nos.
- Test Pits: 3 nos.
- **Geophysical Surveys**
- Seismic Refraction Survey (SRT): 15 lines
- Electrical Resistivity Tomography (ERT): 10lines

- **In-situ Testing**
- Packer (permeability) tests
- Downhole seismic (Vp–Vs) tests
- OTV/ATV borehole imaging
- Point load strength tests
- Piezometer installations
- Seismic
- **Laboratory Testing**
- Rock core testing
- Soil testing
- Aggregate suitability testing

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Indicative Project Scope (Summary)

Principal Elements of EPC Contractor's Work, Design / Build

- Project design and approvals
- Regulatory Compliance
- Pre-Construction & site setup
- Construction, installation, and commissioning
- Environmental, Safety & Social Management
- Dam Safety and Risk Management
- Quality Assurance & Project Handover
- Training

Indicative Project Scope (Detail 1/4)

Project Design and Approval

- Design and planning
- Conduct required investigations and studies
- Complete detailed design of all project components

Regulatory Compliance

- Ensure compliance with:
  - Environmental Impact Assessment (EIA)
  - Environmental Management Plan (EMP)
  - Biodiversity Management and Monitoring Plan (BMMP)
  - Biodiversity Offset Plan (BOP)
- Prepare design documentation for Planning and Urban Management Agency (PUMA) approvals of Development Consent Permit
- Obtain all required permits, building approvals, and inspections

Indicative Project Scope (Detail 2/4)

Pre-Construction & site setup by Others

- Site Preparation
- Debris and vegetation clearance and removal
- Design & Construction of access road work and bridge

Other Pre-Construction Works by EPC Contractor

- Establishment of temporary construction works
- Establishment of site facilities & utilities(quarry site, batching plant. etc)
- Establishment of site offices, workshops and client facilities
- Construction power and water supply

Planning, design, construction, installation, commissioning & acceptance tests

- Construction of dam and associated permanent works
- Supply of plant, materials, and equipment
- Electrical & Mechanical (E&M) equipment:
  - Procurement, supply and installation
  - Storage, handling and preservation
- Factory Acceptance Testing (FAT) and site acceptance testing
- Erection, testing and commissioning
- Guaranteed performance testing

Indicative Project Scope (Detail 3/4)

Environmental, Safety & Social Management

- Environmental Compliance
- Prepare and implement Construction Environmental Management Plan (CEMP)
- Implement supporting sub-plans and site-specific plans
- Environmental monitoring and reporting
- Compliance with EMP, BMMP, and BOP
- Health, Safety & Risk Management
- Workplace Health and Safety (WHS) plans
- Flood Management Plan, Early Warning System, and Emergency Action Plan (EAP)
- Dam Safety Plan and Dam Safety Emergency Plan
- Social & Community Measures
- Implement Gender Action Plan (GAP)
- Apply core labour standards and fair working conditions
- Implement Grievance Redress Mechanism (GRM)
- Support Communication and Consultation Plan (CCP)

Dam Safety and Risk Management

- Flood Management Plan
- Early Warning System
- Emergency Action Plan
- Workplace Health & Safety Plans
- Fair working conditions implementation
- Dam Safety Plan
- Dam Safety Emergency Plan

Indicative Project Scope (Detail 4/4)

Quality Assurance & Project Handover

- Quality Assurance & Control
- Establish onsite Roller Compacted Concrete (RCC) quality control laboratory
- Prepare:
- Quality Control Plan
- Design Management Plan
- Construction Plan
- Project Completion & Handover
- Provide:
- Operation and Maintenance (O&M) manuals
- As-built drawings
- Training for operators and technicians
- Project handover upon operational acceptance
- Post-Completion Obligations
- Defect rectification during liability period
- Warranty for equipment and works

Indicative Project Components (1/2)

Access & Infrastructure Works:

- Construction of new project access roads – planned as part of Early works
- Upgrading of existing roads – planned as part of Early works
- Road maintenance during construction phase
- Permanent dam access road for future maintenance and silt removal operations

River Diversion Works:

- Temporary river diversion arrangements to facilitate dam construction within the river channel

RCC Dam Works:

- RCC gravity dam structure
- Ogee crest overflow spillway
- Spillway walls
- Flip bucket and plunge pool for energy dissipation
- Low-level outlet with radial gate and maintenance gates
- Mid-level outlet with control valve
- Intake structure with trash rack and maintenance gate
- Dam safety surveillance instrumentation

Indicative Project Components (2/2)

Penstock

- Penstock and penstock manifold

Powerhouse & Electromechanical Works

- Powerhouse on left (west) bank of Vaisigano River
- Concrete/structural steel powerhouse building
- Two horizontal Francis turbine-generator units
- Auxiliary mechanical and electrical systems
- Control building and ancillary facilities

Transmission & Grid Interconnection

- 22kV 50 Hz Transmission line construction
- Interconnection with existing power network
- Scada and fibre optics telecommunication connection to Power Co National Control Centre

Environmental & Safeguard Implementation

- Implementation of EIA and EMP requirements
- Biodiversity Management & Monitoring Plan (BMMP)
- Biodiversity Offsetting Plan (BOP)
- Environmental compliance during all construction activities

Key Project Requirements

Dam Capacity & Purpose :

- Total storage: 4 Mm^3
- 3 Mm^3 for flood protection (downstream & Apia & neighbour communities)
- 0.5 Mm^3 for water supply
- 0.5 Mm^3 dead storage for sediment control
- Provision for hydropower generation

Hydraulic Performance :

- Spillway to safely pass PMF (Probable Maximum Flood)
- Stable under maximum flood without erosion or undermining

Outlet Works:

- Low-level outlet for sediment flushing & emergency drawdown (within 50 days)
- Mid-level outlet to restore NFSL after flood (within 30 days)

Hydropower & Conveyance:

- Design discharge: 2.78 m^3/s
- Minimum power output: ≥ 0.6 MW
- Penstock with bypass for uninterrupted water supply & environmental flow

Performance Guarantees (1/3)

1. **Reservoir & Storage Capacity**
   - **Flood storage:** 3 Mm^3
   - **Water supply storage:** 0.5 Mm^3 (ensures supply during low-flow periods)
   - **Dead storage:** 0.5 Mm^3 (sediment accumulation)
   - Designed to maintain **100-year operational life**

2. **Outlet Performance**
   - **Low-level outlet:**
     - Sediment flushing capability
     - Full reservoir drawdown within 50 days (emergency)
   - **Mid-level outlet:**
     - Restore reservoir to normal level (NFSL) within 30 days after floods
     - Ensures flood capacity is quickly reinstated

3. **Hydraulic Performance**
   - Rated net head: ≥ 25.97 m
   - Based on design flow and reservoir/tailwater levels

Performance Guarantees (2/3)

4. Turbine Performance

- **Type:** Horizontal Francis turbines (2 units)
- **Capacity:** ≥ 300 kW per unit
- **Operating range:** Up to **125% head (32.46 m)**
- **Efficiency:** ≥ **88.5%** (weighted average guaranteed)

Key requirements:

- Cavitation-free operation
- Stable operation from **40% to 100% load**
- Smooth, low vibration & noise
- Performance verified via **IEC 60041 field testing**

5. Generator & Transformer Performance

- **Capacity:** ≥ 300 kW per unit @ 0.8 power factor
- **Efficiency:** ≥ **95.5%**
- Tested as per **IEC 60034**
- **Voltage 0.415 KV**
- **Padmount transformer 750 kva x 0.415/22 KV**

Additional guarantees:

- Controlled temperature rise (Class B limits)
- Safe operation at **runaway speed (15 minutes)**

Performance Guarantees (3/3)

6. **Design & Operational Limits**
   - Pressure tests at **150% of design pressure**
   - Pressure fluctuations ≤ **2% of head**
   - Noise limit ≤ **85 dB**
   - Vibration within ISO standards
   - Stable governing ensured ($GD^2 \geq 250$ kg·m^2)

7. **Performance Testing & Penalties**
   - Efficiency measured at **100%, 80%, 60% loads**
   - Weighted efficiency formula used
   - **Liquidated damages** applied for:
     - Output shortfall
     - Efficiency below guarantees

8. **Plant Availability**
   - Guaranteed availability (as per IEEE 762)
   - Target: **~99% availability**
   - Contractor required to rectify any shortfalls during defect period

Statutory Requirements (1/4)

1. **Environmental Compliance (EIA & EMP)**
    - Project governed by an approved **EIA & Environmental Management Plan (EMP)**
    - Contractor must:
        - Implement all **environmental mitigation measures**
        - Prepare and execute **Construction Environmental Management Plan (CEMP)**
        - Conduct **environmental monitoring** per EIA
    - Maintain:
        - Site diary & grievance register
    - **Full liability** for environmental damages/restoration

2. **Legal & Regulatory Compliance (Samoa)**
    - Works must comply with **Samoa laws & regulations**, including:
        - Environmental, land, and building laws
        - Labour, safety, and noise regulations
        - Electricity and water authority requirements
    - Contractor responsible for:
        - **Permits, approvals, fees, taxes, royalties**
        - Land clearing and associated costs

Statutory Requirements (2/4)

3. **Health & Safety Management**
   - Must comply with **Samoa OSH Act & Regulations**
   - Key requirements:
     - Develop **Health & Safety Plan (HSP)** (part of CEMP)
     - Conduct **detailed risk assessments**
     - Appoint **Site Safety Officer**
     - Provide:
       - Worker training & inductions
       - Toolbox talks & visitor safety briefings

4. **Safety Culture Framework**
   - Strong **zero-incident safety culture**, including:
     - Proper planning & resourcing
     - Clear communication & training
     - Hazard reporting & investigations
     - Transparent & “just” culture
     - Continuous learning and improve

Statutory Requirements (3/4)

5. **Emergency Preparedness**
   - 24/7 **emergency response capability**
   - Develop:
     - **Emergency Response Plan (ERP)**
     - **Site-wide evacuation plan**
   - Coverage includes:
     - Workers, employer, contractors, visitors

6. **Quality Assurance (QA/QC)**
   - Implement **ISO 9001-compliant Quality Assurance Plan (QAP)**
   - Covers:
     - Design → Construction → Commissioning → O&M
   - Includes:
     - Inspection & testing plan
     - Factory & site acceptance tests
     - RCC (dam concrete) quality control

Statutory Requirements (4/4)

7. **Testing & Compliance**
   - Factory + site tests required for:
     - Mechanical & electrical equipment
     - Materials & structural integrity
   - Includes:
     - Non-destructive testing (NDT)
     - Performance and functional testing
   - Dispatch only after **Employer approval**

8. **Community Engagement**
   - Contractor must ensure:
     - **Stakeholder consultation**
     - Transparent **information sharing**
     - **Grievance redress mechanism**

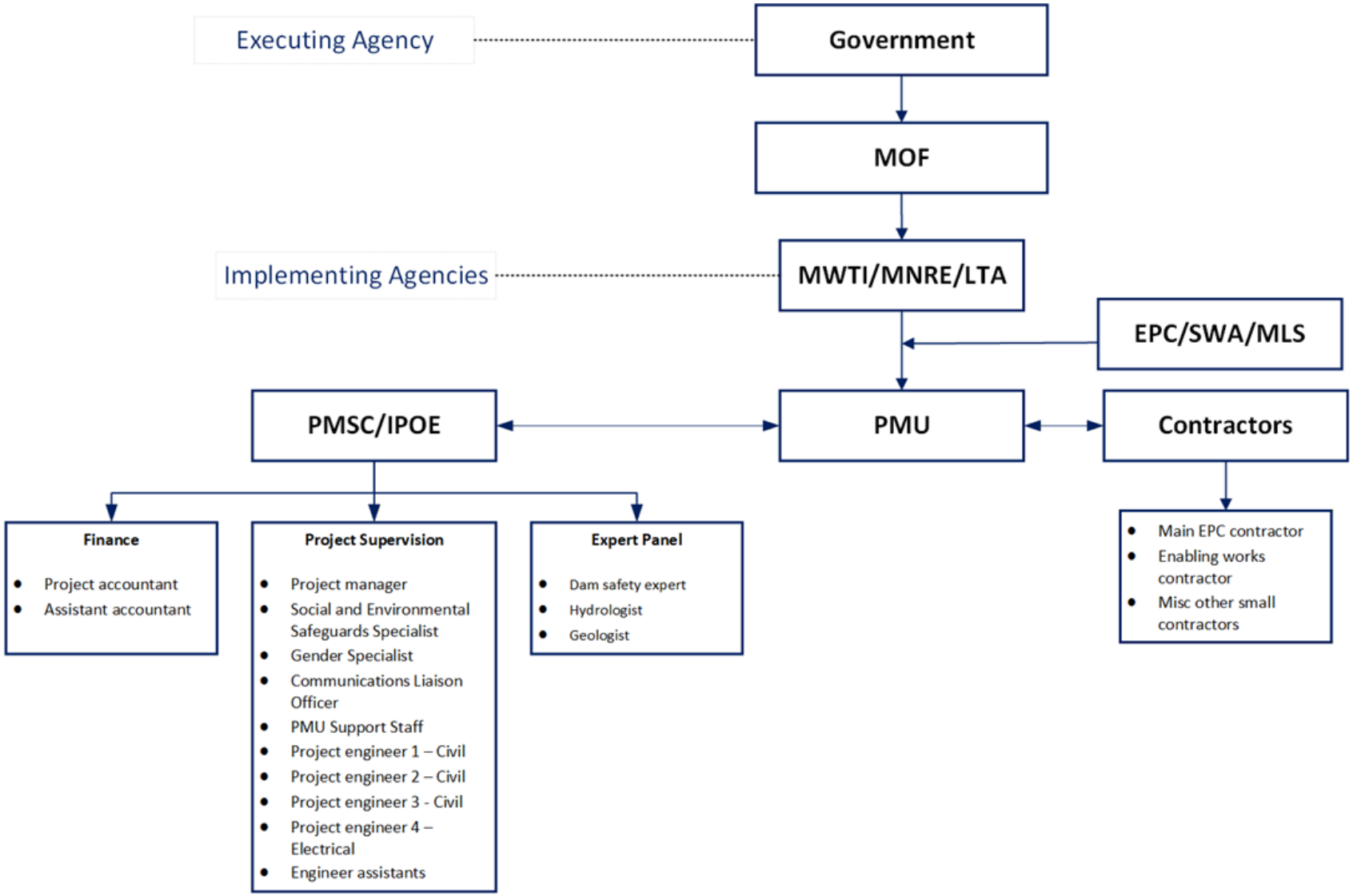
Additional Technical Information Available to Qualified Bidders

- Alaoa Multi-Purpose Dam Project-Final Technical Feasibility Study Report
- Geological Baseline Report, including the Factual Geological / Geotechnical Report
- Seismic Hazzard Assessment & Design PGA For Fukasou Dam, Samoa
- EIA Report (https://www.adb.org/projects/documents/sam-52111-001-eia)
- Resettlement Plan (https://www.adb.org/projects/documents/sam-52111-001-rp)
- Gender Action Plan
- Results and reports of additional investigations
- Updated report based on the results of additional investigations

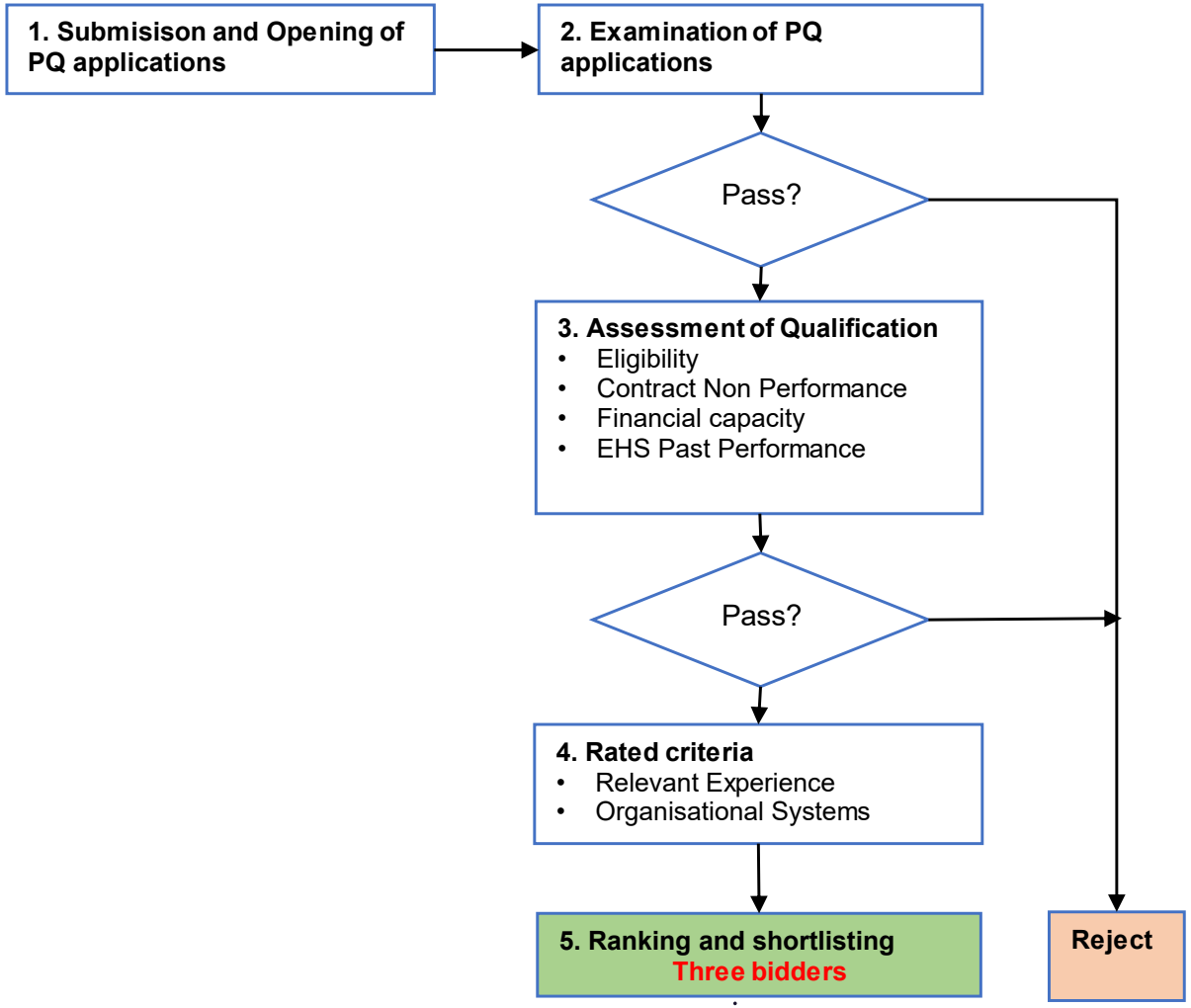
Project Implementation Plan

	Period	2026			2027				2028				2029	2030	2031
	Tasks/Contracts	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
1	**Early Enabling Works**		Prep-n & Bidding		Construction										
2	**Supervision Engineer Cons-t**		RFP	TP- FP eval	Mobilization and Inputs										
3	**IPOE Studies**														
4	PMP-PMF		Study		Update Design										
5	SSSHA		Study												
6	Geotech		Study												
7	**Roadshow**	R													
8	**Prequalification**		Preparation	Submisison	Prequalify										
9	**DB works bidding (1S2E)**			Preparation			Bidding		TBER	FBER	C	Design and Construction			

Project Organisation



Prequalification Stage (Initial Selection) - Process



Prequalification Stage – Process and Key Dates

Prequalification Process

1. Publication of Invitation for Prequalification
2. Pre-Application Meeting
3. Submission of Applications
4. Pass/Fail Qualification Assessment
5. Scored Evaluation of Eligible Applicants
6. Ranking and Shortlisting
7. Invitation for Bids to Shortlisted Applicants

Key Dates

7 September 2026
Invitation for Prequalification

24 September 2026
ADB Business Opportunities Fair presentation, Manila

28 September 2026
Pre-Application Meeting – 14:00 Samoa Time, via MS Teams

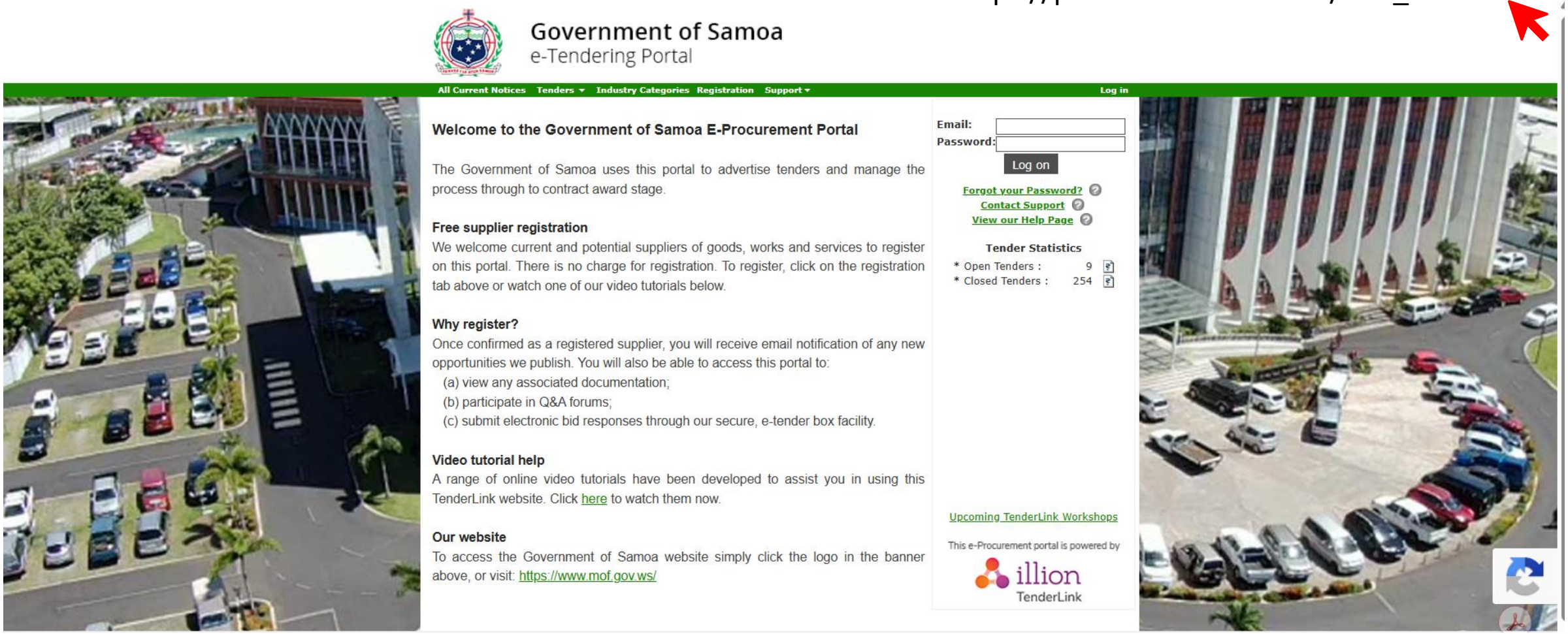
2 November 2026
Deadline for Submission of Applications – 10:00 a.m. Samoa Time

Q2 2027
Expected Invitation for Bids

Submission platform: Government of Samoa TenderLink. https://portal.tenderlink.com/mof_samoa
Clarifications: Requests must be received no later than 14 days before the Application submission deadline.

Prequalification Stage (Initial Selection) - Process

https://portal.tenderlink.com/mof_samoa



Prequalification Stage (Initial Selection) - Process

Government of Samoa
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Details For Notice #MOFGS-1172754

MWTI - CONSTRUCTION OF MULTIPURPOSE DAM AND SMALL HYDRO POWER PLANT

This tender is **CURRENT**

- **TenderLink Ref :** MOFGS-1172754
- **Type of Notice :** Pre-Qualification
- **Region :** Samoa
- **Contract Value :** Not Specified

Closing Date/Time
2/11/2026
9:00 AM NZST

Grant No. and Title: **Grants 0947/0948-SAM – Alaoa Multipurpose Dam Project**

Contract No(s). and Title(s): **Works-01a – Construction of Multipurpose Dam and Small Hydro Power Plant**

Deadline for Submission of Application: **2 November 2026, 10:00 AM (Samoa Time)**

1. The Independent State of Samoa has received financing from the Asian Development Bank (ADB) toward the cost of **Alaoa Multipurpose Dam Project**. Part of this financing will be used for payments under the Contract named above. The eligibility rules and procedures of the ADB will govern the prequalification and the bidding process.

2. The Ministry of Works, Transport and Infrastructure (MWTI) **(the "Employer")** intends to prequalify firms for: **Works-01a – Construction of Multipurpose Dam and Small Hydro Power Plant**.

3. Only eligible Applicants with the following key qualifications defined in the Prequalification Document may participate in this prequalification.

- **Eligibility;**
- **History of Nonperforming Contracts;**
- **Suspension Based on Execution of a Bid-Securing Declaration;**
- **Pending Litigation and Arbitration;**
- **Historical Financial Performance;**
- **Average Annual Turnover;**
- **Contracts of Similar Size and Nature;**
- **Experience in Key Activities; and**
- **Organizational Environmental, Health and Safety System**

No more than 3 of the highest ranked eligible Applicants will be shortlisted.

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Details For Notice #MOFGS-1172754

Country: **Samoa**

Telephone: **+685 21858 / 21611 ext. 202 / 21990**

Email: **mau.simanu@mwti.gov.ws**

6. The Prequalification Document will be advertised through the Government of Samoa e-Tendering Portal https://portal.tenderlink.com/mof_samoa/. Eligible Applicants wishing to participate in the prequalification process shall download the Prequalification Document from the Portal.

7. Applicants shall submit their Applications electronically through the Government of Samoa e-Tendering Portal https://portal.tenderlink.com/mof_samoa/ on or before the deadline for submission of Applications specified above.

The Employer reserves the right to accept or reject late Applications.

8. The Employer will not be responsible for any costs or expenses incurred by Applicants in connection with the preparation and submission of their Applications.

9. The Employer will notify all Applicants in writing of the names of those Applicants who have been prequalified.

Options :
- **Download the tender documents for this notice** - No charge
- This tender has an Electronic Tender Box available
- Upcoming TenderLink Workshops
- Print this tender notice
- View support options for this tender notice

Ministry of Finance - Government of Samoa

Prequalification and Shortlisting Approach

Applicants are assessed in two stages. All Pass/Fail requirements must be satisfied before an Application proceeds to scored evaluation.

Stage 1 – Pass/Fail Qualification Assessment

Eligibility	History of Nonperforming Contracts	Suspension Based on Execution of a Bid-Securing Declaration	Pending Litigation and Arbitration
Environmental, Health and Safety Past Performance Declaration	Historical Financial Performance	Average Annual Turnover	

Stage 2 – Scored Evaluation of Eligible Applicants – 1,000 points

800 points **Relevant Experience**	**200 points** **Organisation Systems**

Shortlisting: No minimum scored threshold applies. Eligible Applicants will be ranked from highest to lowest. Up to three (3) highest-ranked eligible Applicants will be shortlisted.

Scored Evaluation Framework – 1,000 Points

Relevant Experience – 800 points	
Contracts of Similar Size and Nature	160
Similarity to the Technical Requirements of the Contract	160
Scale of Largest Completed Dam/Hydraulic Contract	144
Design and Construction Experience of Similar Projects	136
Experience in Managing Environmental Aspects of Similar Projects	120
Remote/Island/Constrained-Access Delivery Experience	80

Organisation Systems – 200 points	
Environmental Management System, Process and Dedicated Resources	75
Health and Safety Management System, Process and Dedicated Resources	75
QA/QC Management System, Process and Dedicated Resources	50

Total: 1,000 points

Pass/Fail Qualification Requirements

Applicants must satisfy all of the Pass/Fail requirements below to proceed to scored evaluation.

Eligibility

- Nationality in accordance with ADB requirements; no eligibility restriction based on nationality
- No conflict of interest
- ADB eligibility
- Government-owned entity requirements, where applicable
- United Nations eligibility

Contract and EHS Performance

- No contract nonperformance resulting from contractor default since 1 January 2016
- Not under suspension arising from execution of a Bid-Securing Declaration
- Pending litigation and arbitration must not exceed 50% of net worth when treated as resolved against the Applicant
- Declaration of contracts suspended or terminated, or where performance security was called, due to EHS noncompliance during the past five years

The EHS past performance declaration also applies to proposed Specialist Subcontractors relied upon for Criterion 4.2.

Financial Qualification Requirements

Financial qualification is assessed on a Pass/Fail basis.

Historical Financial Performance

- Audited financial statements, or other acceptable financial statements where audited statements are not legally required, for the last three years
- Positive net worth required for each of the last three years

Average Annual Turnover

- Minimum average annual turnover: USD 50 million
- Calculated from certified payments received for contracts in progress or completed during the last five years

Joint Venture Requirements

- All partners combined: 100% of the requirement
- Each partner: minimum 25% of the requirement
- One partner: minimum 40% of the requirement

Relevant Experience – General Requirements

General Requirements

- Applicants may nominate up to 10 contracts across the Relevant Experience attributes.
- Contracts must have been completed within the last 20 years from the Application submission deadline.
- The evaluation will consider the overall strength and depth of the Applicant's demonstrated experience.
- Requirements under different Relevant Experience attributes may be demonstrated through separate contracts.
- For Joint Venture Applicants, the experience of all members will be considered on a combined basis.
- For contracts performed as a Joint Venture partner, only the Applicant's share by value and scope will be considered.
- Supporting evidence must include the Signed Contract Agreement and a Taking-Over Certificate, Contract Completion Certificate or Performance Certificate.
- Documents not in English must be accompanied by a certified English translation.

Definition – Similar Contract

A similar contract includes the construction of a new dam, major upgrade works to an existing dam, or a comparable major concrete water-retaining structure, where at least one contract involves an RCC dam, concrete gravity dam or comparable mass-concrete water-retaining structure at least 40 metres high, and the value of the Applicant's participation exceeds USD 50 million.

Relevant Experience – What Will Be Assessed

Six Relevant Experience attributes are scored, totalling 800 points.

1. Contracts of Similar Size and Nature
160 points

Number, value, role, completion status and supporting evidence for relevant completed contracts of at least USD 50 million.

2. Similarity to Technical Requirements
160 points

Applicants may nominate up to three references collectively demonstrating:

- RCC/concrete gravity or comparable mass-concrete structure
- Dam height of at least 40 metres
- Spillway, outlet works or hydraulic appurtenant structures
- Foundation treatment or grouting
- Hydromechanical works or small hydropower
- River diversion or major temporary works
- High-hazard/large-dam classification

3. Scale of Largest Completed Dam / Hydraulic Contract
144 points

Dam height, single contract value and RCC/mass-concrete volume.

4. Design and Construction Experience
136 points

Completed Design-Build contracts in dam, hydropower or major hydraulic infrastructure.

5. Environmental Experience
120 points

Managing environmental, social, health and safety risks in sensitive locations.

6. Remote/Island Delivery Experience
80 points

Constrained access, import-dependent supply chains, contractor-established facilities and extreme weather.

Organisation Systems and Specialist Capability

Organisation Systems are scored out of 200 points.

Environmental Management – 75 points

- Environmental policies, procedures and implemented management system
- ISO 14001 or recognised equivalent
- Permanent dedicated in-house environmental personnel

Health and Safety Management – 75 points

- Health and safety policies, procedures and implemented management system
- ISO 45001, OHSAS 18001 or recognised equivalent
- Permanent dedicated in-house health and safety personnel

Quality Assurance and Quality Control – 50 points

- QA/QC policies, procedures and management system
- ISO 9001 or recognised equivalent
- Dedicated in-house QA/QC personnel

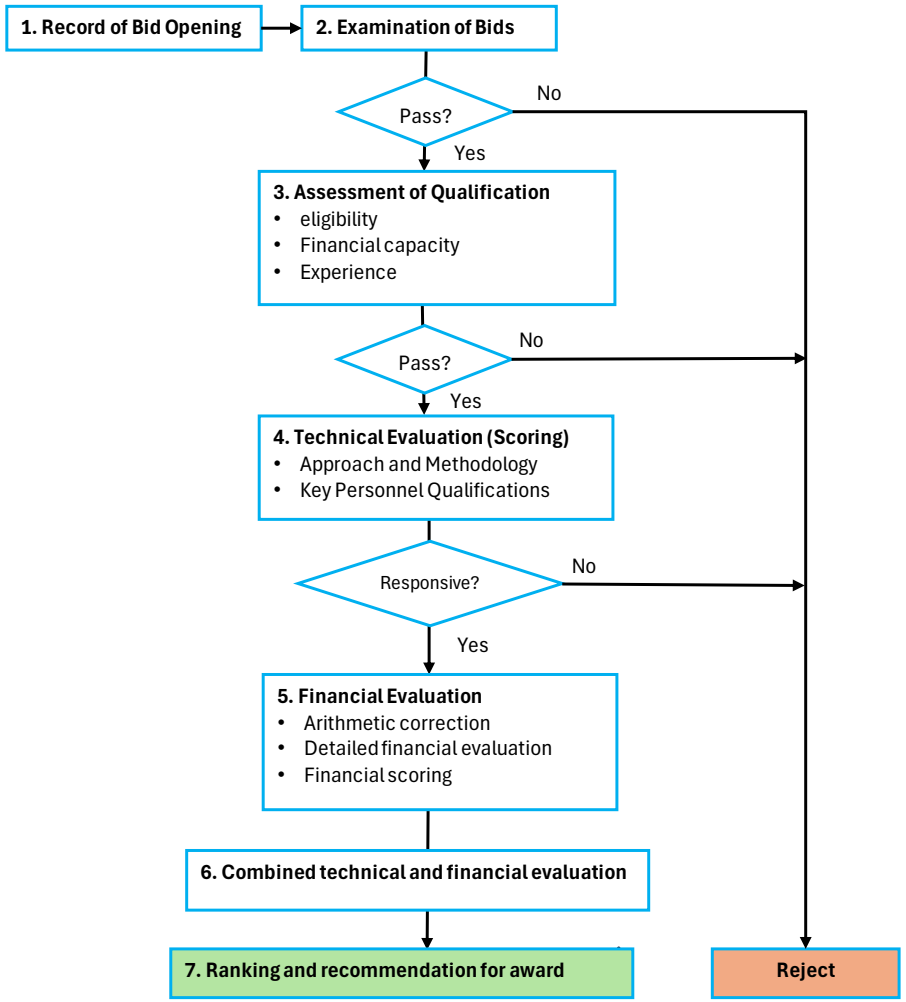
Specialist Subcontractors

Specialist Subcontractors may be proposed for:

- Dam engineering to recognised international standards such as ICOLD, ANCOLD or USACE
- Foundation grouting
- Small hydropower installation, testing and commissioning

Where a Specialist Subcontractor is relied upon, the relevant subcontracting arrangement and supporting evidence must be provided.

Bidding Stage – Indicative Process



Anticipated Bidding Stage

- This is the anticipated process after completion of prequalification.
- Only shortlisted Applicants will be invited to bid.
- A single-stage, two-envelope procedure is anticipated.
- Technical proposals are anticipated to be evaluated before financial proposals are opened.

Indicative only. The bidding documents have not yet been issued. Final bidding-stage requirements will be set out in the bidding documents issued to shortlisted Applicants.

Indicative Bidding-Stage Merit-Point Criteria

Shortlisted Applicants invited to bid are expected to have their technical proposals evaluated using merit-point criteria. The weights below are indicative.

30	34	20	10	6
Design Methodology	**Construction Methodology**	**Environmental, Health and Safety**	**Testing, Commissioning and Handover**	**Implementation Programme**

Total: 100

The final bidding-stage criteria, weights, thresholds, technical-financial ratio and scoring methodology will be set out in the bidding documents issued to shortlisted Applicants.

Application Process and Next Steps

The Prequalification Document is published.

Applications close on 2 November 2026.

- Download the Prequalification Document through MWTI TenderLink.
- Submit clarification requests in writing through the official contact channel.
- Attend the Pre-Application Meeting on 28 September 2026, if desired.
- Submit through TenderLink as two separately labelled electronic submissions:
  Submission 1: Prequalification Application (mandatory)
  Submission 2: Section 7 Request for Feedback response (optional)
- Non-attendance at the Pre-Application Meeting will not result in disqualification.
- Formal clarifications, meeting minutes and any Addenda will be issued to all prospective Applicants through the official procurement channel.

Only the formally issued Prequalification Document and Addenda will govern the process.