INVITATION TO QUOTE
(Advertisement) GOODS

INVITATION TO QUOTE

Date: 2nd July 2026

Project Title: **Kiribati Pacific Islands Regional Oceanscape Program (KI PROP)**
Project No.: **P165821**
Source of Funding (Grant no.): **IDA-D5570**
Contract Name: **Design, Supply and Supervision of Prefabricated building in Kiritimati Island**
Contract Ref: **KI-MFMRD-551170-GO-RFQ**

1. This project is financed by the World Bank through the above funding. The Ministry of Fisheries and Ocean Resource (MFOR) through the Project Management Unit (PMU) and the PROP Procurement, invite sealed quotations from eligible bidders for the **Design, Supply and Supervision of Prefabricated building in Kiritimati Island.**

2. A complete set of Request for Quotation (RFQ) documents in English will be provided to interested eligible bidders upon the submission of a written application to the address below.

3. Quotations must be delivered by email on or before **28th July 2026**. Late quotations may be rejected.

4. The address referred to above is:

Pacific Islands Regional Oceanscape Program (PROP Project)
Ministry of Fisheries and Ocean Resources (MFOR)
Tarawa, Kiribati.
Telephone: 75121099
E-mail address: Tentaku Teataa (Procurement Officer), tentakut@mfor.gov.ki
and copy Beero Tioti, (Project Manager) beerot@mfor.gov.ki.

REQUEST FOR QUOTATION (RFQ)
GOODS

Government of Kiribati

REQUEST FOR QUOTATION (RFQ)

Date: 2nd July 2026

Project Title: **Kiribati Pacific Islands Regional Oceanscape Program (KI PROP)**
Project No.: **P165821**
Source of Funding (Grant no.): **IDA-D5570**
Contract Name: **Design, Supply and Supervision of Prefabricated building in Kiritimati Island**
Contract Ref: **KI-MFMRD-551170-GO-RFQ**

Dear Supplier,

1. You are invited to submit your price quotation(s) for the **Design, Supply and Supervision of Prefabricated building on Kiritimati Island.** Information on technical specifications is attached as Annex 2. The award will be given to the qualified eligible bidder offering the lowest evaluated price and offering goods which are compliant with the technical specifications. The Bidder should have at least 3 years of relevant experience in designing, prefabricating and supplying prefab building materials including the supervision of the installation of the prefab building.

2. Your price quotation in the forms attached (Annexes 1, 3 & 4) must be submitted electronically at the following address:

Ministry of Fisheries and Ocean Resources
PROP/PMU Office, Bairiki, Tarawa Kiribati
Email Addresses: tentaku@mfor.gov.ki and copy to beerot@mfor.gov.ki

3. The deadline for receipt of your quotation (s) by the Purchaser at the address indicated above in paragraph 4 is: **28th July 2026**

4. Your quotation in the *English* language, should be accompanied by adequate technical documentation and catalogue(s) and other printed material or pertinent information (in English) for each item quoted.

5. Your quotation(s) should be submitted as per the following instructions and in accordance with the attached Contract. The attached Terms and Conditions of Supply is an integral part of the Contract.

6. PRICES

The prices should be quoted in an acceptable currency on the CIP Kiritimati Island basis

7. EVALUATION OF QUOTATIONS

Offers determined to be substantially responsive to the technical specifications will be evaluated by comparison of the total CIP prices to the final destination, in accordance with Paragraph 2 above. For evaluation purposes, quotations expressed in various currencies will be converted to USD using exchange rate from www.xe.com on **28th July 2026.**

In evaluating the quotations, the Purchaser will determine for each quotation the evaluated price by adjusting the price quotation by making any correction for any arithmetical errors as follows:

a) where there is a discrepancy between amounts in figures and in words, the amount in words will govern;
b) where there is a discrepancy between the unit rate and the line-item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern;
c) if a Supplier refuses to accept the correction, his quotation will be rejected.

8. AWARD OF CONTRACT:

The award will be made to the bidder offering the lowest evaluated price and offering goods which are substantially responsive to the technical specifications. The successful bidder will sign a Contract as per attached form of contract and terms and conditions of supply.

9. VALIDITY OF THE OFFER:

Your quotation(s) should be valid for a period of forty-five (45) days from the deadline for receipt of quotation(s) indicated in Paragraph 3 of this RFQ.

10. Further information can be obtained from:
E-mail: tentaku@mfor.gov.ki and copy to beerot@mfor.gov.ki

11. Please confirm by e-mail the receipt of this RFQ and whether or not you will submit the price quotation(s).

FORM OF CONTRACT (RFQ-GOODS)
(*Contract template attached to RFQ*)

Project Title: Kiribati Pacific Islands Regional Oceanscape Program (KI PROP)
Project No.: **P165821**
Source of Funding (Grant no.): **IDA-D5570**
Contract Name: **Design, Supply and Supervision of Prefabricated building in Kiritimati Island**
Contract Ref: **KI-MFMRD-551170-GO-RFQ**

THIS AGREEMENT number _____ made on **3rd August 2026** between
The Ministry of Fisheries and Ocean Resources (hereinafter called "the Purchaser") on the one part and _____ (hereinafter called "the Supplier") on the other part.

WHEREAS the Purchaser has invited quotations for the Design, Supply and Supervision of Prefabricated building in Kiritimati Island. to be supplied by Supplier, viz. Contract ___, (hereinafter called "the Contract") and
has accepted the quotation by the Supplier for the supply of goods under the Contract at the sum of __ (_____) (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSES as follows:
The following documents shall be deemed to form and be read and construed as part of this agreement, viz:
This signed contract agreement.
Supplier's Quotation (including signed Form of Quotation, Terms and Conditions of Supply, Technical Specifications, and signed Statement of Technical Compliance); and
Addendum (if applicable);
Taking into account payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby concludes an Agreement with the Purchaser to execute and complete the Contract and remedy any defects therein in conformity with the provisions of the Contract.
The Purchaser hereby covenants to pay in consideration of the Goods supply and acceptance in accordance with the Contract and remedying of defects therein, the Contract Price in accordance with Payment Conditions prescribed by the Contract.
Applicable Law. The Contract shall be interpreted in accordance with the laws of the Republic of Kiribati.

Force-Majeure. The Supplier shall not be liable for penalties or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force-Majeure.

For purposes of this clause, "Force-Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such
events may include, but are not restricted to, act of Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

If a Force-Majeure situation arises, the Supplier shall promptly notify the purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek all reasonable alternative means for performance not prevented by Force-Majeure event.

Resolution of Disputes. The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute between them under or in connection with the Contract. In the case of a dispute between the Purchaser and the Supplier, the dispute shall be settled in accordance with the country procedures of the Purchaser's country. The dispute shall be referred to jurisdiction at the Courts of Justice, Betio Tarawa.

Failure to Perform. The Purchaser may cancel the Contract if the Supplier fails to deliver the Goods in accordance with this Contract with a 14-day notice given by the Purchaser, without incurring any liability to the Supplier.

Fraud and Corruption. If the Purchaser determines that the Supplier and/or any of its personnel, or its agents, or its Subcontractors, consultants, service providers, suppliers and/or their employees has engaged in corrupt, fraudulent, collusive, coercive or obstructive practices (as defined in the prevailing World Bank's sanctions procedures), in competing for or in executing the Contract, then the Purchaser may, after giving 14 days' notice to the Supplier, terminate the Contract.

Inspections and Audits

The Supplier shall carry out all instructions of the Purchaser/Client which comply with the applicable laws where the destination is located.

The Supplier shall permit, and shall cause its Subcontractors and consultants to permit, the World Bank ("the Bank") and/or persons appointed by the Bank to inspect the Supplier's offices and all accounts and records relating to the performance of the Contract and the submission of the bid, and to have such accounts and records audited by auditors appointed by the Bank if requested by the Bank. The Supplier's and its Subcontractors and consultants' attention is drawn to Clause 8 Fraud and Corruption, which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures).

Signature and seal of the Purchaser:
FOR AND ON BEHALF OF MFOR

_____
Name of Authorized Representative

Signature and seal of the Suppler:
FOR AND ON BEHALF OF

_____
Name of Authorized Representative

ANNEX 1: TERMS AND CONDITIONS OF SUPPLY (RFQ-GOODS)

[To be completed, signed and submitted by the Supplier as an attachment to the signed Form of Quotation]

Project Title: **Kiribati Pacific Islands Regional Oceanscape Program (KI PROP)**
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Contract Name: **Design, Supply and Supervision of Prefabricated building in Kiritimati Island**
Contract Ref: **KI-MFMRD-551170-GO-RFQ**

1. Prices and Schedules for Desig, Supply and SupervisionBase activities are bidder-priced and sum up to the superstructure design-and-supply price; the Priced Option PO1 (floor panel supply) is bidder-priced for possible take-up and is not part of the evaluated price. All prices are at destination **CIP Kiritimati Island** and include all taxes, VAT, inland transportation and insurance. For evaluation, only the base price is compared.

Sl.	Item	Description	Qty	Unit Price (USD)	Total Price at destination CIP (includes all taxes, VAT, inland transportation and insurance) (currency)	Delivery Period (days) from Date of Notification of Award to destination, Kiritimati Island, Line Group
				to be filled by the bidder		
1		**Design and documentation**				**240 days**
	1.1	Detailed superstructure design, structural calculations (English, SI) and shop/fabrication drawings	1 Lot			
	1.2	Producer Statement PS1 (Design) / CPEng certification to KNBC + AS/NZS	1 Lot			
	1.3	Interface deliverables — base reactions (unfactored, by load case), anchor-bolt setting-out template, interface/setting-out drawings, English calculations to the Works Contractor's foundation designer	1 Lot			
	1.4	Draft C-ESMP (factory / supply chain / shipping) and ESHS mobilization	1 Lot			
2		**Fabrication of the superstructure (off island)**				
	2.1	Prefabricated steel structure — primary + secondary framing, floor beams + joists — and protective coating	1 Lot			
	2.2	Upper-storey envelope — wall cladding, roof system, upper-floor doors and windows	1 Lot			
	2.3	Internal staircases (ground to first floor)	1 Lot			
	2.4	Anchor bolts / holding-down assemblies + baseplate setting-out plan (for advance shipment)	1 Lot			
	2.5	Beam web penetrations (third points) for MEP routing	1 Lot			
	2.6	Spare façade (3%) and roof (5%) panels + trims + fixings (same profile/colour/batch)	1 Lot			
	2.7	Factory Acceptance Test (FAT) and Employer factory inspection	1 Lot			
3		**Sea freight to Kiritimati (CIF)**				
	3.1	Advance consignment — anchor bolts + setting-out	1 Lot			

Sl.	Item	Description	Qty	Unit Price (USD)	Total Price at destination CIP (includes all taxes, VAT, inland transportation and insurance) (currency)	Delivery Period (days) from Date of Notification of Award to destination, Kiritimati Island, Line Group
				to be filled by the bidder		
		plan: marking, packing, ocean freight, marine insurance				
	3.2	Main consignment — marking, packing, ocean freight and marine insurance to Kiritimati	1 Lot			
4		**Erection supervision and certification**				
	4.1	Site representative during erection; certification of erection conformance (HP-7) and upper-envelope weather-tightness (HP-9)	1 Lot			
		Subtotal — base (superstructure design & supply) EVALUATED PRICE				
		Priced Option (bidder-priced; NOT evaluated; taken up by instruction)				
	PO1	Floor panel system (lightweight AAC or fibre-cement) + matched fixings — SUPPLY & DELIVER ONLY (no installation)	1 Lot			
		TOTAL — base + PO1 (for information; only the base is the evaluated price)				

2. Fixed Price: The prices indicated above are firm and fixed and not subject to any adjustment during contract performance.

3. Design Responsibility

3.1. General Responsibility

The Supplier shall be fully responsible for the design of the prefabricated building, ensuring that the design is complete, accurate, and fit for its intended purpose as described in the Contract. The Supplier shall ensure that the design meets all functional, technical, and performance requirements specified in Annex 2 (Scope of Works/Technical Specifications).

3.2. Compliance with Standards

The Supplier shall ensure that all designs comply with:
(a) Applicable laws and regulations of the Republic of Kiribati;
(b) Relevant building codes and engineering standards; and
(c) Recognized international standards (such as ISO, AS/NZS, or equivalent) where local standards are not available or are insufficient.

3.3. Design Certification and Approval

The Supplier shall prepare and submit all design documents, including drawings, calculations, and technical specifications, to the Purchaser for review and approval, and to the Ministry of Infrastructure and Sustainable Energy (MISE) for certification where required.
Approval of the design by the Purchaser or MISE shall not relieve the Supplier of any

responsibility for the adequacy, safety, or performance of the design.

3.4. Design Approval Hold Point. No fabrication and no shipping of any part of the Goods shall commence until the Supplier has submitted the detailed design and the shop/fabrication drawings and the Purchaser (or its Engineer) has issued written objection to them. The design-submittal review period is fourteen (14) calendar days per stage. The Purchaser's review or no-objection does not relieve the Supplier of responsibility for the design. The Fabrication and Sea-freight payments (Activity Areas 2 and 3) shall not fall due until the Purchaser has issued written objection to the detailed design and shop/fabrication drawings.

3.5. Fitness for Purpose

The Supplier warrants that the design shall be fit for purpose, including suitability for:

- The intended use as an office and monitoring facility;
- The environmental conditions of Kiritimati Island, including marine and corrosive conditions;
- Structural performance requirements, including wind loads and roof loading for solar panel installation;
- The specified design life of not less than fifty (50) years.

53.6. Coordination with Installation Works

The Supplier shall ensure that the design is suitable for installation by the local contractor and shall provide all necessary drawings, specifications, instructions, and technical support required for proper erection of the building.

3.7. Design Errors and Omissions

The Supplier shall be responsible for any errors, omissions, or deficiencies in the design and shall, at its own cost, promptly correct such issues and any resulting defects, damages, or non-compliance identified during fabrication, delivery, installation, or the defects liability period.

3.8. Design Deliverables

The Supplier shall provide, as a minimum:

- Concept and detailed design drawings;
- Structural calculations;
- Shop drawings and fabrication details;
- Installation manuals and assembly instructions;
- As-built drawings upon completion.

3.9. No Limitation of Liability

The Supplier's design responsibility shall not be limited by any review, comment, or approval by the Purchaser, its representatives, or any regulatory authority.

4. Delivery Schedule: The delivery should be completed as per above schedule. The final destination for delivery of the Goods is **Fisheries Sub-Branch,Ronton, Kiritimati Island, Republic of Kiribati.** The Time for Completion is eight (8) months from the date of signature of the Contract, including detailed design and approvals, fabrication, shipping, on-site installation, testing, commissioning and handover.

Insurance: The supplier is responsible for all kinds of insurance until the goods are delivered and installed to the final destination and the Purchaser will not assume any responsibility until goods are delivered and installed. For Goods to be imported, the Goods supplied shall be fully insured in a freely convertible currency against loss of damage incidental to manufacture or acquisition, transportation, storage and delivery. The insurance shall be in an amount equal to 110 percent of the total value of the Goods from Warehouse to Warehouse on All-risks basis, including War Risks. The Supplier shall arrange and pay for cargo insurance, naming the Purchaser as the beneficiary.

In addition to the cargo insurance above, for the on-site works (including demolition, substructure and foundations, erection and installation) the Supplier shall, at its own cost and with the Purchaser named as co-insured where applicable, arrange and maintain from commencement on site until issuance of the Final Acceptance Certificate: (a) Construction / Erection All Risks (CAR/EAR) insurance covering loss of or damage to the Works, materials and Goods on site for not less than the full reinstatement value of the Works; (b) Third-Party (public) Liability insurance against death or injury to any person and loss of or damage to property arising out of the execution of the Works, for not less than [insert minimum cover] per occurrence, with the number of occurrences unlimited; and (c) Workers' Compensation / Employer's Liability insurance for the Supplier's and its Subcontractors' personnel as required by the applicable law of the Republic of Kiribati. The Supplier shall provide the Purchaser with certificates of insurance before commencing work on site, and no such policy shall be cancelled or materially altered without the Purchaser's prior written consent.

5. Packaging and Marking Instructions: The Supplier shall provide standard packing of the Goods as required to prevent their damage or deterioration during transit to and unloading at the final/port of destination.

6. Delivery and Documents (for goods to be imported). Upon shipment, the Supplier shall notify the Purchaser and the Insurance Company by mail or fax the full details of shipment, including Contract number, description of goods, quantity, the vessel, the Shipping and Forwarding Receipt from freight Company showing full details, port of loading, date of shipment, port of discharge, etc. The Supplier shall mail the following documents to the Purchaser, with a copy to the Insurance Company:
   (i) Copies of the Supplier's invoice showing goods' description, quantity, unit price, and total amount;
   (ii) Duplicate air/ship/truck transport document, and/or duplicate Forwarders Certificate of Receipt (FCR) in 1 Original and 2 Copies marked "freight prepaid";
   (iii) Copies of the packing list identifying contents of each package;
   (iv) Manufacturer's or supplier's warranty certificate;
   (v) Certificate of origin;
   (vi) Certificate of quality.

The above documents shall be received by the Purchaser at least one week before arrival of the goods at the final destination and, if not received, the Supplier shall be responsible for any consequent expenses.

The Purchaser has the right to reduce the payment to the Supplier by 0.1% of the total price of the Contract for each day of delay beyond the Time for Completion, being eight (8) months from the date of signature of the Contract. The reduction is up to a maximum of 10%, then after the Purchaser may terminate the contract.

In the event that delays are anticipated due to circumstances beyond the Supplier's control, the Supplier shall provide a formal justification, including supporting documentation from relevant parties within the supply chain.

7. Payment. Payment against the Contract will be made as follows:

(i) Advance Payment – 20%
Twenty percent (20%) of the Contract Price shall be paid upon submission by the Supplier of an Advance Payment Guarantee in a form and from a financial institution acceptable to the Purchaser, in an amount equal to one hundred percent (100%) of the advance payment. The advance has recovered progressively against the milestone payments below.

(ii) Activity Area 1 – Design and construction documentation – 8%
Eight percent (8%) of the Contract Price shall be paid upon the Purchaser's written no-objection to the detailed design and the shop/fabrication drawings (Clause 3.4).

(iii) Activity Area 2 – Fabrication of prefabricated building materials and accessories – 22%
Twenty-two percent (22%) of the Contract Price shall be paid upon completion of off-island fabrication and protective coating and a successful Factory Acceptance Test (FAT) / Employer's factory inspection.

(iv) Activity Area 3 – Sea freight and transport to Kiritimati and the site – 12%
Twelve percent (12%) of the Contract Price shall be paid upon shipment and delivery of the Goods to the site at Kiritimati Island, against submission and verification of complete shipping documentation, including the Supplier's invoice, bill of lading / airway bill, packing list, insurance certificate (covering 110% of the Goods value on an all-risks basis), certificate of origin and manufacturer's warranty certificate.

(v) Activity Area 4 – Supervision of substructure and foundations – 8%
Eight percent (8%) of the Contract Price shall be paid upon completion and acceptance of the substructure and foundations.

(vi) Activity Area 5 – Supervision of Installation/construction of the prefabricated structure and building – 15%
Fifteen percent (15%) of the Contract Price shall be paid upon completion of the supervision of assembling and installation of the building, including all site works other than handover.

(vii) Activity Area 6 – Handover and demobilization – 5%
Five percent (5%) of the Contract Price shall be paid upon testing and commissioning, delivery of as-builts and the O&M manual, demobilization and site make-good, and issuance of the Acceptance Certificate by the Purchaser

confirming the Goods comply with the Contract requirements.

(viii) Final Completion – 10%
Ten percent (10%) of the Contract Price shall be paid upon issuance of the Final Acceptance Certificate by the Purchaser at the end of the works, completing the Contract Price (advance 20% + Activity Areas 1–6 70% + final completion 10% = 100%).

All payments shall be subject to:
* Submission of required supporting documents
* Verification and acceptance by the Purchaser
* Compliance with all Contract terms and conditions

Payments shall be made to the Supplier's bank account:

Beneficiary Name:	
Beneficiary Address:	
Beneficiary account number:	
Account Name:	
Name of Bank:	
Branch:	
Swift Code:	
Address of Bank:	

8. Performance Security. Within twenty-eight (28) days of the notification of award of Contract, the Supplier shall provide a Performance Security for the due performance of the Contract, using the Performance Security (Bank Guarantee) form attached to this RFQ (Annex 7) or another form acceptable to the Purchaser. The amount of the Performance Security shall be ten percent (10%) of the Contract Price, denominated in the currency of the Contract or in a freely convertible currency acceptable to the Purchaser. The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract. The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than fourteen (14) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations and the Defects Notification / Liability Period.

9. Warranty. Goods offered should be covered by a warranty as specified in Annex 2, Technical Specifications.

10. Packaging and Marking Instructions. The Supplier shall provide standard packing of the Goods as required to prevent damage or deterioration during transit to their final destination, as indicated in the Contract.

11. Defects. The Defects Notification / Liability Period is twelve (12) months from the date of delivery and acceptance of the Goods at the Final destination. All defects shall be corrected by the Supplier without any cost to the Purchaser within 30 days from the date of notice by Purchaser. Name and address of service facility of the

Supplier by which the defects are to be corrected, within the warranty period:
Name and address *(to be filled by Supplier)*

12. The Supplier confirms compliance with the Technical Specifications provided in Annex 2, subject to the accepted deviations, if any, in Annex 4. As the technical responsiveness test, the Supplier shall also return, completed and marked "comply," the Schedule of Performance Guarantees (Annex B of the Employer's Requirements) and the Schedule of Warranties (Annex C of the Employer's Requirements), each with specific cross-references (document and page or section) to the quotation. A material non-compliance in, or a blank or non-specific reference within, either schedule may be treated as non-responsive.

NAME OF SUPPLIER _____

Authorized Signature_____
Place:
Date:

ANNEX 2: TECHNICAL SPECIFICATIONS

Please note that MFOR, and its representatives, reserve the right to adjust these Employer Requirements during the selection process.

Project Title: **Kiribati Pacific Islands Regional Oceanscape Program**
Project No.: **P165821**
Source of Funding (Grant no.): **IDA-D5570**
Contract Name: **Design, Supply & Supervision of Prefabricated building in Kiritimati Island.**

CLIENT'S REQUIREMENTS

Version 1.0 | 1ST July 2026

Package 1: Design, Supply & Supervision (Superstructure)

Prefabricated Office Building, Kiritimati Island — Ministry of Fisheries and Ocean Resources (MFOR)

Scope of Works / Technical Specifications (Design & Supply of the superstructure)

Please note that MFOR, and its representatives, reserve the right to make adjustments to these Employer's Requirements during the selection process.

Project Title	Kiribati Pacific Islands Regional Oceanscape Program (PROP)
Project No.	P165821
Source of Funding (Grant No.)	IDA-D5570
Contract Name	**Package 1: Design, Supply & Supervision (Superstructure) of Prefabricated Office Building on Kiritimati Island.**
Contract Ref	KI-MFMRD-507556-GO-RFQ-1
Employer / Purchaser	Government of Kiribati — Ministry of Fisheries and Ocean Resources (MFOR); building for the MFOR Monitoring, Control and Surveillance (MCS) and office function
Location	Ronton, Kiritimati (Christmas Island), Republic of Kiribati
Procurement	World Bank Goods — Request for Quotations (RFQ)
Delivery model	Design & Supply (Goods). The Supplier designs the superstructure from the Employer's concept, fabricates, applies protective coatings, conducts FAT, ships and delivers CIF to Kiritimati (Navy Harbour); supplies anchor bolts (shipped in advance) and spares; issues reactions, calculations and setting-out to the Works Contractor; and provides a site representative to supervise erection and certify conformance. Port clearance, customs, biosecurity and inland transport to site, the substructure, erection, all on-site works and all MEP are performed by the Works Contractor under a separate - Package 2.
Time for Completion	Eight (8) months from the date of signature of the Contract, with delivery of the superstructure to site (CIF Kiritimati) by the twelve (8)-months completion date, sequenced so the Works Contractor can clear, erect, fit out and hand over. The Supplier's erection-supervision role — its site representative providing advisory support to the Works Contractor — continues into the overlap with Package 2 until the Works Contractor completes erection; coordinated with Package 2 through Annex I (Interface & Sequencing Schedule).

Contents

About this document

These Client's Requirements (ER) form the Scope of Works / Technical Specifications of the Request for Quotations for Package 1 above. Package 1 is the Design, Supply & Supervision of the prefabricated steel superstructure for a two-storey office building on Kiritimati Island. It is one of two coordinated contracts; the Works Contractor (Package 2) designs and builds the substructure and ground-storey masonry, erects the superstructure, installs the floor and topping, and performs the interior fit-out and all MEP. The two packages are coordinated through the common annexes — the Responsibility Matrix, the Interface & Sequencing Schedule and the Hold Points — reproduced identically in both ERs at Annex I.

Single-point design responsibility. Delivery is design, supply and supervision: the Supplier carries single-point responsibility for the detailed design of the superstructure developed from the Client's concept drawings (Annex A), and a fitness-for-purpose obligation for the supplied superstructure, including its interfaces with the substructure and masonry built by the Works Contractor.

Status, interpretation and bracketed items. These ER state required outcomes and minimum standards; they do not prescribe the Supplier's design solution except where the Client's interest is non-negotiable. Where a target, figure or option is shown in [square brackets], it is to be confirmed by the Purchaser before issue, consistent with the Contract Data and the project ESCP/ESMP. The Employer's prescriptive minimums (corrosion protection, code compliance, ESHS) are mandatory and prevail over any less-onerous design proposal.

General vs Particular. This ER is the Particular Specification and prevails on any conflict over the General Specification (referenced codes/standards in Section 4).

1. Introduction and Instructions to the Bidder

- These Client's Requirements are the technical section of the RFQ and are read with the Instructions to Bidders, Conditions of Contract, Drawings and Schedules.
- Delivery is design & supply: the Supplier completes the detailed design of the superstructure from the Client's concept drawings (Annex A), coordinates with the Works Contractor's field-verified dimensions and setting-out, and carries single-point, fitness-for-purpose responsibility for the supplied superstructure and its interfaces.
- All design and the supplied superstructure shall fully comply with the National Building Code of Kiribati 2024 (NBCK) and all other applicable Kiribati laws, regulations and policies. All references to the NBCK mean the 2024 edition.
- All deliverables (drawings, reports, specifications, calculations, schedules, manuals, correspondence) shall be in English and use metric (SI) units, in both electronic (PDF and editable native formats) and hard copy.
- Technical responsiveness is pass/fail: the bidder returns the Schedule of Performance Guarantees (Annex B) and the Schedule of Warranties (Annex C) marked comply, with evidence; material non-compliance is non-responsive.

- The bidder shall provide a short compliance statement confirming the quotation complies with these ER (listing any deviations), complete Annexes B and C, and return the priced Activity Schedule (Annex D). References to the quotation shall be specific (document and page or section); a blank or non-specific reference may be treated as non-responsive.
- **Experience.** The bidder should have at least 3 years of relevant experience in designing, prefabricating and supplying prefabricated steel building structures, including supervision of erection.

2. Project Description and Scope

2.1 The building

Two-storey prefabricated steel-framed office for the Ministry of Fisheries and Ocean Resources (MFOR), gross floor area ≈ 616 m² (308 m² per floor over two storeys), with an additional 36 m² balcony at the upper floor; occupancy ≈ 32 typical permanent and transitory staff, increasing to up to 62 persons when meetings are held. The building includes a secure 24/7 monitoring/operations room for MFOR's fisheries monitoring, control and surveillance (MCS). All stated dimensions and areas are indicative (±10%); the Supplier shall develop, adjust and verify them through the detailed design to satisfy the NBCK, the applicable codes and standards, and these ER, while keeping substantially to the concept layout (Annex A).

Alternative building systems. The reference system is a prefabricated steel-framed superstructure. Alternative structural systems may be proposed only where they meet or exceed all performance requirements of these ER (marine durability in C5/CX, 50-year design life, flood and wind resilience, low-maintenance operation) and are compatible with the Package 2 substructure and erection interface; acceptance is at the Employer's discretion under the RFQ's alternative-bid provisions.

2.2 Commercial basis — base scope and Priced Option

Base price = superstructure design & supply. The base Contract Price for Package 1 covers the design, fabrication, protective coating, FAT, shipping and delivery to site of the steel superstructure and upper-storey envelope, the internal staircases, the anchor bolts (shipped in advance) and spares, together with the interface deliverables (reactions, calculations, setting-out) and erection supervision and certification. Only the base price is evaluated.

Priced Option PO1 — floor panel system (supply). The first-floor structure is a lightweight panel system (Section 5.2). Its supply is a Priced Option (PO1): the Supplier prices the supply and delivery of the floor-panel system and matched fixings only (no installation). PO1 is bidder-priced and is NOT part of the evaluated base price. The same floor-panel system is also priced by the Works Contractor under Package 2 (as its PO1, split into supply and install); the Employer selects the lower-cost supply route — Route A (Package 1 supplies + Package 2 installs) or Route B (Package 2 supplies + Package 2 installs). Installation, and any topping slab (Package 2 PO2), are in the Works Contractor's scope.

No Provisional Sums in Package 1. The Provisional Sums (furniture/FF&E and asbestos/hazardous-materials mitigation) and the other Priced Options (generator, partitions, air conditioning, solar PV) sit in Package 2.

2.3 Scope of works (Package 1)

- Detailed superstructure design from the Employer's concept drawings; structural calculations; shop/fabrication drawings; producer statement (PS1) and design certification (Sections 4 and 13).
- Interface deliverables to the Works Contractor: base reactions (unfactored, by load case), anchor-bolt setting-out template, interface/setting-out drawings, and the complete calculations in English (Section 7).
- Fabrication, protective coating, marking/packing of: the steel structure (primary + secondary, floor beams + joists); the upper-storey envelope (wall cladding, roof system, upper-floor doors and

windows); internal staircases; anchor bolts and holding-down assemblies; beam web penetrations; spare façade and roof panels; and all associated accessories required for a complete, weather-tight superstructure (flashings, cappings, closures, trims, fasteners, brackets, fixings and seals), whether or not specifically itemised.

- Factory Acceptance Test (FAT) and Employer factory inspection; shipping (CIF) to Kiritimati (Navy Harbour), including the advance anchor-bolt consignment. The Works Contractor (Package 2) is importer of record and handles port clearance, customs, biosecurity and inland transport to site.
- A site representative to supervise erection (by the Works Contractor) and certify erection conformance and upper-envelope weather-tightness.
- **Excluded from Package 1 (Works Contractor scope):** topographic survey and geotechnical investigation; substructure and foundations; ground-storey masonry; demolition; erection and on-site construction; floor and topping installation; interior fit-out; all MEP (electrical, mechanical/HVAC, plumbing), including the monitoring-room air conditioning and UPS; and the importer-of-record duties — port clearance, customs, biosecurity/quarantine and inland transport to site.

3. Site Information

The superstructure shall be designed for the following site conditions. The Works Contractor (Package 2) performs the topographic survey, the site-specific geotechnical investigation and the UXO risk assessment, and sets the finished-floor level; the Supplier designs the superstructure to the resulting set-out and to the wind, corrosivity and climate parameters below.

Parameter	Basis / value	Source
Climate	Hot-humid equatorial; ~27–31 °C; high humidity; intense UV	Cassidy record
Design rainfall intensity	Per NBCK / AS/NZS 3500.3 short-duration method, more onerous of code and site IDF; ≈ 250 mm/hr (5-min, 1:20 ARI) — indicative	confirm w/ Met
Wind	NBCK 2024 (Table B1.3B), Importance Level 2 → regional wind speed VR (V500) = 40 m/s; Climate Change Multiplier Mc = 1.10, Md = 1.0, Terrain Cat 2 and two-storey height factors; cross-check AS/NZS 1170.2 and design to the more onerous	designer confirms
Seismic	Low seismicity; typically non-governing (confirm per NBCK); wind + thermal govern connections	IL2 (KBC A8)
Flood / sea-level rise	FFL above flood datum + SLR allowance to design life; substructure/FFL set by Works Contractor (Pkg 2); superstructure designed to the resulting set-out	FFL ≥ ~1.0 m
Corrosivity	ISO 9223 category C5 (very high) to CX (extreme), salt-laden marine	—
Ground	Coral sand / reef-limestone; high water table — investigated by Works Contractor (Pkg 2)	Pkg 2 confirms

Table 1 — Site design parameters (complete bracketed values before issue).

4. Codes, Standards and Approvals

4.1 Adopted codes and standards

NBCK is the minimum — the more onerous applies. The NBCK is the legal minimum. On any conflict, the more onerous of these ER and the NBCK shall apply. Design and material standards shall be AS/NZS, aligned with the NBCK; ISO standards govern corrosion. Where AS/NZS is silent, equivalent IBC/ASCE 7 or Eurocodes may be used. The Supplier shall state the governing code in the design basis report.

Discipline	Standards
Legal floor	National Building Code of Kiribati 2024 (NBCK, under the Building Act 2024); office = Class 5; Building Importance Level 2 (KBC A8)
Structural & loading	AS/NZS 1170 series; AS 4100 (steel); AS/NZS 4600 (cold-formed steel); AS 3600

Discipline	Standards
	(concrete, where relevant to supplied components); AS 1562.1 (metal roofing)
Lightweight floor panels	AAC: EN 12602 / AS 5146; fibre-cement: AS/NZS 2908 / ISO 8336 and manufacturer span tables
Services	AS/NZS 3000 (electrical) and AS/NZS 3500 (plumbing) applied by the Works Contractor (Pkg 2); superstructure provides penetrations and PV-ready roof
Corrosion & coatings	ISO 9223; ISO 12944 (incl. CX); AS/NZS 2312; AS/NZS 2728; AS/NZS 1397; AS/NZS 4680 (HDG)

Table 2 — Adopted codes and standards.

4.2 Standards precedence

The superstructure shall be designed to the NBCK and the AS/NZS standards nominated above. Standards of the designer's home country — for example Chinese GB, Indian IS, US ASCE/AISC, or the Eurocodes — shall not be used as the basis of design or certification. Where the Supplier proposes a home-country standard or method in place of a nominated AS/NZS provision, it shall be submitted individually to the Engineer with evidence of equivalence and may be used only with the Engineer's prior written approval. In any conflict, the NBCK and the nominated AS/NZS standards prevail.

4.3 Design certification and producer statements

Design and construction compliance shall be certified by producer statements (PS1 Design, PS2 Design Review, PS3 Construction, PS4 Construction Review) issued by a Chartered Professional Engineer (CPEng) or a person acceptable to the Engineer and recognised under the NBCK. The producer-statement allocation across both packages is set out in Annex I. For Package 1:

- **PS1 (Design).** Before any fabrication, the Supplier shall provide a PS1 certification that the superstructure design complies with the NBCK, the nominated AS/NZS standards and these ER. Acceptance of each element's PS1 by the Engineer is a hold point (HP-1) before that element proceeds to fabrication.
- **PS3 (Construction) and PS4 (Construction Review).** The Supplier provides a PS3 for the steel fabrication, and a PS4 (by its site representative) for the erection it supervises and certifies (HP-7).
- **Foreign designer competence.** The superstructure design shall be certified by a CPEng acceptable to the Engineer and recognised under the NBCK, irrespective of the designer's nationality. Where the detailed design is prepared by an engineer registered under a foreign domestic framework (for example a PRC National First-Class Registered Structural Engineer, or a licensed engineer in India, the United States or elsewhere), that work shall be certified to the NBCK and the nominated AS/NZS standards by a CPEng, who issues the PS1 (or a PS2 design review where the CPEng reviews rather than authors the design). A design certification or seal issued solely under a foreign domestic registration (e.g. PRC GB-code, Indian, US or Eurocode-based registration) does not by itself satisfy this requirement. No local Kiribati design review is required; the CPEng route is the recognised means of certification.

4.4 Evidence of suitability (product certification)

All materials, products and forms of construction supplied shall be fit for their intended purpose and supported by evidence of suitability in accordance with the National Building Code of Kiribati (Section A, clause A5.2). Acceptable evidence is a current Australian (ABCB) or New Zealand (BRANZ) CodeMark Certificate of Conformity, or an approved equivalent accepted under A5.2 — a current Certificate of Accreditation, a current certificate from a recognised certification body, a report from an Accredited Testing Laboratory, or a Product Technical Statement. Evidence shall be a complete copy of the original certificate or report and shall demonstrate compliance with the relevant KNBC requirements. A current Australian or New Zealand CodeMark Certificate of Conformity (or approved equivalent) is required for the principal building products, including the façade and roof products (Section 6.4).

5. Design and Performance Requirements

5.1 Architectural (envelope)

Package 1 supplies the upper-storey envelope and the elements below; the ground-storey masonry, ground-floor openings, internal partitions, ceilings and floor finishes are in the Works Contractor's scope (Package 2). The architectural performance standards below apply to the Package 1 elements.

- Upper-floor windows shall be louvred (jalousie) windows of standard manufactured sizes, with marine-grade anodised aluminium frames and corrosion-resistant louvre mechanisms; solar-control glazing where required; louvres support natural/mixed-mode ventilation.
- Upper-floor doors anodised aluminium with solid stainless-steel handles, locks, hinges and fixing screws (316 grade for exposed/marine locations — solid, not plated); no untreated timber.
- The upper-floor balcony (and any stairs, landings and other fall-risk edges within Package 1 supply) shall be provided with a balustrade not less than 1.0 m high, designed for the barrier imposed actions of AS/NZS 1170.1. Glazed balustrade infill shall be Grade A safety glass (laminated) to AS 1288; posts, handrails, fixings and anchors shall be marine-grade stainless steel (316) or equivalent. Balustrades shall be non-climbable and detailed to shed water and avoid corrosion traps.
- Fire safety to the NBCK: the supplied envelope materials, linings and finishes shall meet the fire ratings required by the code and the Annex A drawings; detection, alarm, egress and signage are coordinated with the Works Contractor (fit-out).
- **Staircases (KNBC-compliant).** The Supplier shall design, fabricate and supply the internal staircase(s) connecting the ground and first floors — stringers, treads, risers, landings, handrails and balustrades — in full compliance with the National Building Code of Kiribati for stairways (rise, going, headroom, handrails and non-slip nosings) and with the barrier imposed actions of AS/NZS 1170.1, accessible where required (AS 1428). All staircase materials, fixings and finishes shall be marine-grade and corrosion-resistant for the C5/CX environment (Section 6).
- **Accessories.** The Supplier is responsible for supplying all accessories necessary for the supplied superstructure and envelope to be complete, weather-tight and fit for purpose — including all flashings, cappings, closures, ridge/eave/barge details, trims, fasteners, brackets, clips, fixings, gaskets and seals — whether or not each item is specifically itemised in these Employer's Requirements or the Annex A drawings.

5.2 Structural

- The building shall be a prefabricated steel-framed superstructure (columns and beams) over a site-built reinforced-concrete substructure with non-load-bearing CMU perimeter walls (substructure and masonry by the Works Contractor, Package 2).
- **Vertical and lateral system.** The gravity and lateral-load-resisting system shall be a steel portal (moment) frame spanning the short direction, with cross-bracing (braced bays) providing lateral stability in the long direction. The system shall develop a continuous load path with wind tie-down from the roof and cladding through the frame and connections to the foundations and shall resist the governing wind actions without reliance on the CMU infill walls. The frame shall be laterally stable independently of the masonry.
- **First (upper) floor — lightweight panel system.** The suspended first floor shall be a lightweight structural floor-panel system over steel floor beams and joists — reinforced autoclaved aerated concrete (AAC) panels or fibre-cement structural flooring — with provision for an optional topping slab. Acceptable systems (or approved equivalent): AAC — CSR Hebel PowerFloor+, Xella Ytong reinforced AAC floor panels (EN 12602), Starken AAC; fibre-cement — James Hardie HardiePanel Compressed Sheet / Scyon Secura, BGC Durafloor, SCG SHERA Floorboard. The Supplier shall size

the floor beams and joists for the more onerous of the candidate systems, including a topping allowance up to 50 mm normal-weight concrete with SL-grade mesh (≈ 1.2 kPa superimposed dead load), plus the imposed loads of Annex E (general office areas 3.0 kPa; corridors, hallways and balconies 5.0 kPa; storage areas 5.0 kPa; bathrooms/toilet areas 2.0 kPa, with concentrated (point) loads per AS/NZS 1170.1) and finishes/services. Secondary support/joist spacing shall suit the more restrictive of the candidate systems' published span tables so either can be installed without re-sizing the steel. The floor-panel self-weight allowance shall be not less than 0.55 kPa. The suspended floor shall minimise vibration under normal occupancy, permit integration of building services, and achieve any fire-resistance and acoustic ratings nominated in the Room Data Sheet (Annex E) or drawings. The floor-panel supply is Priced Option PO1; installation and any topping are in Package 2.

- **Beam penetrations.** The Supplier shall provide web penetrations at the third points of the floor beams, designed and stiffened to AS 4100, to allow the Works Contractor to route electrical and water services; the penetrations shall be fabricated to the Works Contractor's preliminary MEP routing issued before fabrication (Annex I, item 5a). No field cutting of penetrations is permitted; any additional or relocated penetration requires the Supplier's written approval (HP-3).
- Structural design life shall be 50 years; deflection and vibration limits shall be satisfied; a continuous load path with wind tie-down shall be provided for the roof and cladding.
- Site connections shall be bolted; field (site) welding is not permitted. All welding shall be performed in the shop/factory and verified at FAT. On site, members shall be joined with pre-drilled bolted connections.
- **Bolted connections shall be slip-critical (friction-grip):** fully tensioned high-strength bolts to AS 4100, galvanized faying surfaces prepared for the required slip factor, hardened washers, stainless/galvanized assemblies — to resist high winds and equatorial thermal cycling without slip. Faying surfaces prepared to a defined, verified slip factor; bolts fully tensioned by a defined method (turn-of-nut, DTI washers, or TC bolts), with tensioning verified and recorded.
- Connections shall allow on-site fit-up adjustment (grout-bedded base plates with levelling nuts/shims and packing; oversized holes with plate washers where needed) to absorb substructure tolerances and field-verified dimensions — but completed structural connections shall be fully tensioned and slip-critical (fit-up tolerance not carried as bearing slip).
- Design for transport and simple assembly: all members, parts and equipment sized and of a length to ship in standard ISO containers (20′/40′), knocked-down/flat-packed as needed; standardised, repeatable, match-marked bolted connections so semi-skilled labour can erect the building without specialist site trades (no site welding or complex temporary works).

5.3 Durability (low-maintenance regime)

The superstructure shall be designed for a low-maintenance service regime appropriate to limited local trades and materials. Material and detail selections shall be conservative, robust and corrosion-resistant, shall maximize maintenance-free service life, and shall avoid details requiring frequent recoating or replacement. Selection shall be on a whole-of-life cost basis.

5.4 Thermal comfort and ventilation (envelope contribution)

The building is designed for thermal comfort primarily by passive means. Package 1 supplies the envelope elements that deliver the passive performance; the ceiling fans and any air conditioning are in Package 2. Where this Section and the energy/insulation basis (Annex G) differ, the more onerous (higher performance) requirement governs.

- **Roof system.** The roof shall be a double-skin system with a 20 mm ventilated cavity between outer and inner sheets, on roofing underlay over steel purlins and rafters, together with a ventilated roof space (ridge and eave vents), a radiant barrier, light/reflective high-SRI external surfaces (roof solar

reflectance ≥ 0.65 / SRI ≥ 78), and insulation between rafters of minimum thermal resistance ≥ R6.0 m²K/W in a hygroscopic, vapour-open material (sheep wool or approved equivalent). Roof cladding shall be 0.55 mm BMT corrugated profiled metal, with all flashings, capping and accessories. The roofing should be able to accommodate solar panels.

- **Upper-floor external walls.** Upper-floor steel-framed external walls (cladding supplied by Package 1) shall be insulated to ≥ R2.4 m²K/W, hygroscopic and vapour-open (sheep wool or approved equivalent), additional to any acoustic rating.
- **Ventilation provisions.** Upper-floor openings and louvres shall be arranged to capture the prevailing East-South-East breeze with cross-flow on the opposite elevation, and high-level/ceiling louvres to exploit the stack effect; provide shading to the East-South-East elevation. The envelope shall support not less than 10 air changes per hour in occupied spaces under design breeze conditions, with total openable area not less than 10% of floor area.
- **Condensation control.** Where an air/weather barrier is used it shall be located on the external (outer) face of the insulation, and the envelope shall be designed to prevent interstitial condensation given the high external relative humidity.

5.5 Component design lives

Component	Minimum design life
Primary steel structure	50 years
Façade & roof panels	50-year target life
External coating system	First maintenance-free ≥ 25 years
Floor panel system (PO1)	Per manufacturer; ≥ 15 years serviceable, product warranty per Section 13.2

Table 3 — Component minimum design lives (Package 1 elements).

6. Materials and Corrosion Protection

6.1 Structural steel

Structural steel (frame, beams, columns): hot-dip galvanized and corrosion-resistant for C5/CX; duplex (galvanizing + paint) externally where galvanizing alone is marginal. Minimums: abrasive blast-clean to Sa 2½ (ISO 8501-1) before coating; hot-dip galvanizing to AS/NZS 4680 with a minimum average zinc coating mass of 900 g/m² (≈ 125 µm), exceeding the AS/NZS 4680 minimum for this marine environment; and, for duplex and painted steelwork, a zinc-rich epoxy primer with a UV-stable polyurethane finish — the system, number of coats and total dry-film thickness selected to achieve ISO 12944 category CX at very-high (VH) durability (first maintenance ≥ 25 years), applied per ISO 12944-7 and the manufacturer's data.

6.2 Reinforcing steel (supplied components)

Reinforcement in the substructure is in the Works Contractor's scope. Any reinforcement within supplied components (e.g. the steel mesh in AAC floor panels) shall be as the manufacturer's specification; where applicable, galvanized, epoxy-coated or stainless, with increased cover for the marine environment per the NBCK.

6.3 Fasteners / anchors / connections

Fasteners/anchors/connections: stainless steel (316 external/exposed; 304 minimum internal); isolate dissimilar metals; no plain carbon-steel fixings in exposed/wet locations.

6.4 Façade and roof panels

Façade and roof panels: COLORSTEEL® Altimate® or Colorcote® AlumiGard™ (or approved equivalent meeting all requirements) — marine-grade aluminium-based prepainted products for very severe / extremely severe marine exposure. Performance: 50-year target design life in C5/CX; minimum base metal thickness (BMT) 0.55 mm for steel-substrate; to AS/NZS 1397 (substrate) and AS/NZS 2728

(prepainted); high colour/gloss retention; potable-roofwater suitable (discard first flush); aluminium/austenitic-stainless fixings, isolate dissimilar metals; provide warranty for the actual exposure/distance from coast and the maintenance regime. Roof and upper-floor external-wall cladding shall be 0.55 mm BMT corrugated profiled metal, direct-fixed to steel purlins/girts between the steel portals. External roof and façade colours shall be light and solar-reflective (high SRI; roof solar reflectance ≥ 0.65 / SRI ≥ 78). All façade and roof products (panels, prepainted coatings, fixings, flashings and accessories) shall carry a current Australian (ABCB) or New Zealand (BRANZ) CodeMark Certificate of Conformity, or an approved equivalent form of evidence of suitability accepted under the KNBC (Section A, clause A5.2; see Section 4.4).

6.5 Spare façade and roof panels

The Supplier shall supply spare panels of the same profile, colour and batch as installed, delivered with the consignment to Kiritimati; the Works Contractor stores them on the Employer's site immediately adjacent to the new building, in dry, labelled and weather-protected storage: spare roof cladding 5% of installed area; spare upper-façade panels 3% of installed area; one full set of each flashing/trim/closure type plus 5%; fixings 5% of each type; and touch-up coating from the same batch. Quantities are rounded up to whole sheets, with a minimum of five full-length sheets per profile. The profile, colour/batch, coating spec, fixing type and re-order reference shall be recorded in the O&M manual. Same profile/colour/batch is mandatory.

7. Interface with Substructure and Works Contractor

The substructure, foundations, ground-storey masonry, dewatering and all on-site construction are in the Works Contractor's scope (Package 2). Package 1 provides the design data and components that enable the Works Contractor to build the substructure ahead of delivery and erect on arrival. The interface allocation is set out in Annex I (Responsibility Matrix and Interface & Sequencing Schedule).

7.1 Foundation design loads (base reactions)

7.1.1 Unfactored, by load case. The Supplier shall issue the column base reactions as unfactored (characteristic/nominal) loads, separated by load case — permanent (dead), imposed (live), wind in each orthogonal direction, and any other actions — at each column base, stating sign conventions and the vertical, horizontal (two axes) and moment components, and including the governing maximum-compression and minimum/uplift cases.

7.1.2 Combinations by the Works Contractor. The Works Contractor's foundation engineer forms the load combinations and applies the factors required by the NBCK and the nominated AS/NZS 1170 series, for both serviceability (bearing) and ultimate (structural) foundation design. The Supplier shall not pre-combine or pre-factor the reactions.

7.1.3 Assumptions stated; revision control. The Supplier shall state the design assumptions underlying the reactions (wind region/design wind speed, importance level and load assumptions). The reactions are a signed, revision-controlled deliverable (HP-2); any change to the superstructure design that alters the reactions shall be re-issued and the foundation design re-checked.

7.2 Calculations handover (English)

The Supplier shall hand over a complete set of the superstructure design calculations — in English and in SI (metric) units, prepared to the nominated AS/NZS standards and signed by the certifying CPEng — to the Works Contractor's substructure (foundation) designer and to the Engineer. The calculations shall be sufficient to enable the foundation design and independent verification and shall be issued together with the base reactions (HP-2).

7.3 Anchor bolts and advance supply

The Supplier shall design and supply the anchor bolts and holding-down assemblies together with the baseplate setting-out plan and template, and shall ship them in advance of, and separately from, the main building consignment, so that the Works Contractor can set out, cast in and cure the anchor bolts and

complete the substructure before the main building arrives (HP-4). Cast-in holding-down assemblies are set from the Supplier's templates; non-shrink grout and stated tolerances by the Works Contractor.

7.4 Interface coordination

The Supplier is responsible for coordinating the interface between the prefabricated superstructure and the Works Contractor's substructure and masonry. The Supplier shall ensure that column baseplates, anchor bolts and the upper-storey façade interface cleanly with the masonry and substructure; that baseplates and anchor bolts are located clear of the masonry and ground beams so they do not interfere; and that the non-load-bearing masonry is not relied upon as structural support, the steel frame being laterally stable independently. The Supplier shall issue interface and setting-out drawings reflecting these requirements, and a masonry-to-cladding transition flashing/closure detail for the first-floor junction (built to tolerance and installed by the Works Contractor; weather-tightness certified under HP-9).

8. Services Interface (Superstructure Provisions)

All MEP (electrical, mechanical/HVAC, plumbing), including the monitoring-room air conditioning and UPS, are designed and installed by the Works Contractor (Package 2). Package 1 provides only the superstructure provisions that allow the MEP to be installed without altering the structure:

- Beam web penetrations at the third points (Section 5.2) for electrical and water service runs, fabricated to the Works Contractor's preliminary MEP routing.
- A roof structure and fixings that are PV-ready — designed for the roof loading and providing fixing provisions and cable-route allowances — so that a future roof-mounted solar PV system (Package 2 option) can be installed without structural rework.
- Supports and provisions in the supplied structure for outdoor plant mounted above the flood level, where these are fixed to the superstructure, coordinated with the Works Contractor.

9. Sustainability and Resilience

- The building targets IFC EDGE certification (≥ 20% energy, ≥ 20% water, ≥ 20% embodied energy vs baseline) and an IFC Building Resilience Index (BRI) rating of "A". Package 1 shall design and supply the superstructure and envelope to deliver the elements that underpin these targets — recyclable steel and whole-of-life material selection; the high-SRI roof and façade; the insulated, ventilated roof and upper-floor walls; and the envelope thermal performance of Section 5.4.
- **Coordination of certification.** Overall EDGE and BRI certification spans both packages and is led by the Employer; the Supplier shall provide the superstructure/envelope evidence (thermal inputs, material and recyclability data, coating/SRI data) required for the assessment, and the Works Contractor (Package 2) provides the on-site evidence.

10. Logistics, Shipping and Biosecurity

10.1 Kiritimati shipping and port

Infrequent sea freight: container services operate on an approximately two-monthly cycle (confirm current sailings), routed via Honolulu/Fiji. The programme shall identify the shipping window and critical-path float. Port (Navy Harbour): single berth; limited laydown (~100 × 20′ containers); 20′ side-lifter and ships' gear, mostly manual handling. All components, parts and equipment shall be sized and lengthed to ship in standard ISO containers (20′/40′) within the side-lifter and island handling limits; flat-pack/knock-down as needed; over-size/break-bulk only with the Employer's prior acceptance and coordinated cranage. The Works Contractor (Package 2) is importer of record and appoints the local clearing/forwarding agent; the Supplier coordinates the shipping documentation and carries critical spares with the consignment. The anchor bolts and setting-out plan ship as an advance consignment (Section 7.3).

10.2 Biosecurity and fumigation

- All timber packaging/pallets/crates/dunnage to comply with ISPM 15: heat-treated (56 °C core / ≥ 30 min) or methyl-bromide fumigated, debarked, IPPC-marked, with treatment/fumigation certificates.

- Containers/equipment clean and free of soil, seeds and pests; obtain Kiribati import permits and phytosanitary clearance; allow for arrival inspection. The Works Contractor is importer of record and handles on-island clearance (HP-5). Confirm current requirements with the Kiribati biosecurity authority.

11. Quality, Testing and Inspection

- Supplier QA/QC plan; inspection and test plans with hold points and Employer/Engineer witness rights.
- **Hold point — design approval before fabrication/shipping:** no fabrication and no shipping shall commence until the detailed design and shop/fabrication drawings have been reviewed and the Employer/Engineer has issued written no-objection, and the PS1 (Design) has been accepted (HP-1).
- **Hold point — slip-critical connections:** faying-surface preparation/slip factor and bolt tensioning (turn-of-nut / DTI / TC bolts) shall be verified and recorded before the connection is accepted.
- Welding by qualified welders to approved WPS (shop only); provide certified weld certificates, welder qualifications and NDT records; mill and coating certificates.
- **Factory Acceptance Testing (FAT) before shipment:** the Supplier includes the cost and arrangements for the Employer's Representative to attend the factory to inspect and witness testing before shipment. No shipment until FAT is accepted.
- On-site quality matters that depend on Package 2 works (slab moisture, hot-weather concreting, anchor-bolt survey) are governed by Package 2 ER and the common Hold Points (Annex I).

12. Submittals and Deliverables

- Design basis report; detailed/developed design (calculations + drawings) for review/no-objection; shop/fabrication drawings; samples. Structural design calculations shall be signed and stamped by the certifying CPEng (Section 4.3) and shall demonstrate the design loads (dead, live, wind and other relevant actions).
- **Foundation loading and anchor-bolt setting-out:** a foundation loading schedule (column and base-plate reactions — unfactored, by load case — dead, live, wind, uplift and shear), anchor-bolt/holding-down setting-out and layout drawings and template, and the steel-to-substructure connection and transition details, issued in time for the substructure design and construction and before any foundation works commence (Section 7).
- Producer Statement PS1 (Design) before fabrication; PS3 (fabrication) and the site representative's PS4 (erection review) at the relevant stages (Section 4.3, Section 13).
- Installation manuals and step-by-step assembly instructions for erection of the building by the Works Contractor, including a component identification/labelling system, required tools and equipment, the assembly sequence, and safety requirements and precautions.
- FAT records; as-built drawings of the supplied superstructure; warranties and warranty certificates; the spares record (profile/colour/batch/re-order).
- The Supplier shall submit fortnightly (bi-weekly) progress reports to MFOR and the PROP Project Management Unit (PMU), covering progress against the programme, the shipping window and critical-path status, quality, and ESHS/safeguards performance.
- All deliverables in English and metric (SI) units. Design-submittal review period 14 calendar days per stage; Employer review does not relieve the Supplier of responsibility. The deliverables required at each stage are consolidated in the Deliverables Register at Annex F.

13. Erection Supervision, Handover and Warranties

13.1 Erection supervision and certification

The Supplier shall provide a competent site representative to supervise the erection of the superstructure by the Works Contractor, verify that the supporting substructure, anchor bolts and setting-out are suitable

before erection, witness the erection methodology, and certify that the completed erection conforms to the Supplier's design and instructions (PS4; HP-7). The representative shall also inspect and certify the weather-tightness of the upper envelope, including the masonry-to-cladding transition junction, before interior fit-out/handover (HP-9). Where non-conformance is identified, the Works Contractor rectifies it; the Supplier's certification is a condition of the structural and weather-tightness warranties.

13.2 Warranties

The Supplier shall provide manufacturer and workmanship warranties for the supplied superstructure items below, each running from the Taking-Over of the Works and assignable to the Employer, supported by the manufacturers' warranty certificates in the handover package. The bidder states the warranties offered, marks compliance and cites evidence in Annex C. Minimum periods are to be confirmed by the Purchaser before issue.

Item / Element	Minimum warranty (from Taking-Over of the Works)
Structural steel frame, connections and floor beams/joists	10 years
Roof sheeting and roof weathertightness (upper envelope)	10 years
Protective coating / galvanizing / paint system	2 years (first maintenance-free ≥ 25 years by design)
Wall cladding / façade panels (upper storey)	5 years
Upper-floor windows, louvres, doors and hardware	2 years
Internal staircases	2 years
Floor panel system (PO1, if Supplier-supplied)	Manufacturer product warranty (AAC ~10–25 yr; fibre-cement 15–25 yr), assigned to the Employer; validity confirmed for the marine exposure
Spare façade/roof panels	Same profile/colour/batch; manufacturer product warranty passed through

Table 4 — Schedule of Warranties (Package 1 minimum required periods).

Floor-panel warranty (PO1). Where the Supplier supplies the floor panels under PO1, the Supplier shall procure and assign to the Employer the manufacturer's product warranty for its full term, confirm in writing that the warranty term applies at the site's marine exposure (or state any reduced term), register the warranty where required, and hand over the certificate. Installation workmanship is warranted by the Works Contractor.

-

Annex A — Concept Drawing

The Client's concept/reference architectural drawings are issued with this RFQ as a separate drawing set , which forms Appendix A below. The set includes the site/location plan, ground- and first-floor plans, elevations, sections, the room/finish schedule and key details. These drawings are the basis of design; the Supplier shall develop the detailed superstructure design from them and coordinate with the Works Contractor's field-verified dimensions and site conditions.

KI-MFMRD-507556-CW-RFQ Package 2 Annex 2 ER - Appendix A Drawings.pdf

Annex B — Schedule of Performance Guarantees

The bidder returns this table: mark Comply (Y/N) and, for each item, cite the document and the page or section in the quotation that demonstrates compliance. Material non-compliance is non-responsive. The bidder shall also provide a short compliance statement listing any deviations.

Parameter	Requirement	Comply	Bidder ref
Structural design life	50 years; AS 4100 / NBCK	[Y/N]	[doc & §]
Wind design	More onerous of NBCK 2024 (IL2, VR = 40 m/s, Mc = 1.10) & AS/NZS 1170.2; two-storey height factors	[Y/N]	[doc & §]
Structural steel & floor beams	Hot-dip galvanized; corrosion-resistant for C5/CX	[Y/N]	[doc & §]
Lightweight first floor	Steel sized for heavier of candidate AAC / fibre-cement panel + topping ≤ 50 mm NWC (≈ 1.2 kPa); joist spacing to the more restrictive system	[Y/N]	[doc & §]
Façade & roof panels	Altimate / AlumiGard (or equiv.); 50-yr target; BMT ≥ 0.55 mm (steel)	[Y/N]	[doc & §]
Corrosion protection (steel)	Surface prep Sa 2½; HDG ≥ 900 g/m²; ISO 12944 CX very-high durability (first maintenance ≥ 25 yr); epoxy primer + UV-stable PU	[Y/N]	[doc & §]
Site connections	Bolted, slip-critical (friction-grip, AS 4100); NO field welding; shop welding only	[Y/N]	[doc & §]
Adjustability	Adjustable/grout-bedded base plates, shims, slotted/oversized holes to absorb substructure tolerance	[Y/N]	[doc & §]
Containerised / simple assembly	Parts sized to ship in 20′/40′ containers; semi-skilled bolted assembly; no specialist site trades	[Y/N]	[doc & §]
Reactions	Unfactored (characteristic) base reactions by load case (dead/live/wind/uplift), per KNBC, issued before foundation works	[Y/N]	[doc & §]
Anchor bolts	Anchor bolts + setting-out template/plan; advance shipment ahead of the main consignment	[Y/N]	[doc & §]
Calculations	Complete superstructure calculations in English & SI units, signed by certifying CPEng, to the WC foundation designer	[Y/N]	[doc & §]
Producer statement / certification	PS1 (Design) to KNBC + AS/NZS by a CPEng acceptable under the KNBC; home-country (GB/IS/ASCE/Eurocode) registration alone insufficient	[Y/N]	[doc & §]
Beam penetrations	Third-point web penetrations designed/stiffened to AS 4100 for MEP; no field cutting	[Y/N]	[doc & §]
Balcony balustrade	≥ 1.0 m; AS/NZS 1170.1 barrier loads; Grade A safety glass AS 1288; SS316 marine fixings; non-climbable	[Y/N]	[doc & §]
Staircase(s)	Internal stair(s) ground–first; KNBC-compliant (rise/going/handrails/non-slip nosings); AS/NZS 1170.1 barrier loads; AS 1428 where required; marine-grade SS316	[Y/N]	[doc & §]
Product certification (façade/roof)	Façade & roof products carry a current AU (ABCB) or NZ (BRANZ) CodeMark Certificate of Conformity, or approved equivalent evidence of suitability (KNBC A5.2)	[Y/N]	[doc & §]
Accessories	Supplier supplies all accessories for a complete, weather-tight superstructure (flashings, cappings, closures, trims, fasteners, fixings, seals)	[Y/N]	[doc & §]
Spares	Spare roof 5% / façade 3% (same profile/colour/batch) + trims + fixings; delivered on-island	[Y/N]	[doc & §]
Biosecurity	ISPM 15 packaging; clean containers	[Y/N]	[doc & §]
Factory inspection	Employer's Rep trip included; FAT before shipment	[Y/N]	[doc & §]

Table 5 — Schedule of Performance Guarantees (Package 1; bidder to complete).

Annex C — Schedule of Warranties

The bidder completes this table: for each item state the warranty offered (which shall meet or exceed the

minimum in Section 13.2), mark Comply (Y/N), and cite the document and page or section. Returned together with Annex B.

Item / Element	Minimum (from Taking-Over)	Offered	Comply / ref
Structural steel frame, connections and floor beams/joists	10 years	[—]	[Y/N; doc & §]
Roof sheeting and roof weathertightness	10 years	[—]	[Y/N; doc & §]
Protective coating / galvanizing / paint	2 years	[—]	[Y/N; doc & §]
Wall cladding / façade panels	5 years	[—]	[Y/N; doc & §]
Upper-floor windows, louvres, doors, hardware	2 years	[—]	[Y/N; doc & §]
Internal staircases	2 years	[—]	[Y/N; doc & §]
Floor panel system (PO1, if supplied)	Mfr product warranty, assigned	[—]	[Y/N; doc & §]
Spare façade/roof panels (same batch)	Mfr product warranty passed through	[—]	[Y/N; doc & §]

Table 6 — Schedule of Warranties (Package 1; bidder to complete).

Annex D — Structural Loads / Room Data

The room schedule, layouts and finishes are defined in the architectural drawing set (Annex A). For the superstructure design, the governing imposed loads and key requirements are below; a sheet is completed for each room/space type against which the Supplier designs the floor and frame.

Field	Entry
Imposed (live) loads	General office areas 3.0 kPa; corridors, hallways and balconies 5.0 kPa; storage areas 5.0 kPa; bathrooms/toilet areas 2.0 kPa; plus concentrated (point) loads per AS/NZS 1170.1
First-floor system	Lightweight AAC/fibre-cement panel + topping allowance ≤ 50 mm NWC (≈ 1.2 kPa); panel self-weight ≥ 0.55 kPa
Roof	Double-skin, insulated (≥ R6.0), high-SRI; wind tie-down per Section 5.2 / 5.4
Wind	More onerous of NBCK 2024 (IL2, VR 40 m/s, Mc 1.10) and AS/NZS 1170.2
Acoustic / fire	As nominated in the Annex A drawings / Room Data Sheets
Accessibility	Building access per AS 1428 (fit-out by Package 2; superstructure to suit)

Table 8 — Structural loads / room data (superstructure design basis).

Annex E — Deliverables Register

Stage	Deliverable	Timing / review
Bid	Priced Activity Schedule; Schedule of Performance Guarantees; Schedule of Warranties; draft C-ESMP (factory/shipping); key personnel	With quotation
Design	Design basis report; detailed design (calcs + drawings) for no-objection; PS1 (Design); base reactions (unfactored, by load case); anchor-bolt setting-out; English calculations to the foundation designer	14 calendar days per stage / HP-1, HP-2
Fabrication	Shop/fabrication drawings; WPS & weld certs; coating/mill certs; PS3; FAT records; factory inspection	Before shipment
Delivery	Advance anchor-bolt consignment; shipping documentation; biosecurity certificates	HP-4, HP-5
Erection	Site representative; erection conformance certification (PS4); weather-tightness certification	HP-7, HP-9
Handover	As-builts (superstructure); O&M contribution; warranties + certificates; spares record	At taking-over

Table 9 — Deliverables register (Package 1).

Annex F — Energy and Envelope Basis

The building's energy basis and the independent energy modelling report are issued with the RFQ as the Annex 2 ER — A2 Energy/Insulation PDF and form part of these ER. Package 1 shall design and supply the envelope to satisfy that basis together with Section 5.4. Where the energy/insulation basis and the body of these ER differ, the more onerous (higher performance) requirement governs. The envelope

minimums derived from the basis are mandatory: roof insulation ≥ R6.0 m²K/W (≈ 240 mm sheep wool) with ventilated cavity, radiant barrier and reflective external surface; upper-floor external walls ≥ R2.4 m²K/W, hygroscopic/vapour-open; the air/weather barrier on the external face of the insulation with interstitial-condensation control; and high-SRI roof and façade (roof solar reflectance ≥ 0.65 / SRI ≥ 78). Ceiling fans and air conditioning (Package 2) are outside Package 1.

Annex G — Priced Option PO1 (Floor Panel Supply)

PO1 — Floor panel system (supply & deliver only). Scope: supply and delivery to site (CIP Kiritimati Island) of the lightweight structural floor-panel system and the complete matched fixing and accessory system specified by the manufacturer (fasteners, structural adhesive, jointing compound, sealants, and any battens/trims/mesh). Acceptable systems (or approved equivalent): AAC — CSR Hebel PowerFloor+, Xella Ytong reinforced AAC floor panels (EN 12602), Starken AAC; fibre-cement — James Hardie HardiePanel/Scyon Secura, BGC Durafloor, SCG SHERA Floorboard. Fasteners and metal accessories shall be not less than AS 3566.2 Class 4 or austenitic stainless-steel grade 316, suited to the C5/CX exposure. The Supplier prices supply and delivery only — there is no installation line in Package 1. Installation, the manufacturer's-representative attendance at installation, and any topping slab are in the Works Contractor's scope (Package 2 PO1 install and PO2 topping). The Employer compares Route A (this PO1 supply + Package 2 install) against Route B (Package 2 supply + install) and selects the lower. Where this PO1 is selected for supply, the product warranty is assigned to the Employer (Section 13.2).

Annex H — Coordination (Responsibility Matrix, Interface & Sequencing, Hold Points)

Common to both packages. This annex is reproduced identically in the Package 1 and Package 2 Client's Requirements. Rows allocated to the "Design & Supply & Supervision Contractor (Pkg 1)" are this bidder's priced scope; rows allocated to the "Works Contractor (Pkg 2)" are shown for interface context. The allocation is exhaustive; no scope may be moved between the two contracts after bid opening.

I.1 Responsibility Matrix (Rev C)

◊ marks the dual-priced floor-panel item (Pkg 1 PO1 supply; Pkg 2 PO1 supply + install). Hold-point codes are defined in I.3.

#	Work element	Design & Supply Contractor (Pkg 1)	Works Contractor (Pkg 2)	Hold pt
A — DESIGN & LOADS				
1	Floor-system performance spec (loads, deflection, fire, durability, topping allowance)	Design to it	—	**ER**
2	Confirm candidate floor systems & self-weights	Design to heavier system	Select within ER list; notify self-weight/bearing	
3	Structural design — full-height frame, columns, rafters, floor beams + joists, upper envelope	Design + certify	Provide floor + services data	
4	Ground-storey masonry design (non-load-bearing perimeter infill)	Provide bearing/interface data	Design + certify	
4a	Steel–masonry–substructure interface coordination — clean column/façade fit; baseplates & anchor bolts clear of masonry & ground beams; masonry not used as support; frame laterally stable independently	Design + coordinate; issue interface/setting-out drawings	Build to interface drawings	
5	Column base reactions — unfactored (characteristic), separated by load case; vertical, horizontal & uplift, per KNBC	Issue unfactored, by load case (signed, rev-controlled)	Apply KNBC / AS-NZS 1170 combinations	**HP-2**
5a	Superstructure design calculations — complete set in English & SI units, to AS/NZS, signed by certifying CPEng — to WC foundation designer + Engineer	Provide complete set	Receive & use for foundation design	**HP-2**
6	Anchor-bolt design + setting-out template + first-floor bearing + transition detail	Design + supply template/detail	Cast in / build to it	**HP-2**
7	Foundation / RC substructure design	—	Design + certify to reactions	

#	Work element	Design & Supply Contractor (Pkg 1)	Works Contractor (Pkg 2)	Hold pt
8	Beam web-penetration design (electrical + water, third points)	Design + stiffen, fabricate	Provide services coordination input	**HP-3**
8a	Services-penetration coordination input (preliminary MEP routing) — issued before steel fabrication	Fabricate penetrations to this input	Issue preliminary MEP routing pre-fabrication	**HP-3**
B — SUPPLY & DELIVERY				
9	Fabricate primary + secondary steel, floor beams, joists	Fabricate	—	
10	Ground-storey perimeter walls — non-load-bearing masonry	—	Supply + install	
11	Upper-storey wall cladding (first floor → roof), weather-tight	Supply	Install	
12	Masonry-to-cladding transition flashing / closure	Design + supply	Build masonry to tolerance + install	**HP-9**
13	Roof system (structure + cladding), weather-tight	Supply	Install	
14	Ground-floor doors + windows (in masonry)	—	Supply + install	
15	Upper-floor doors + windows (in cladding)	Supply	Install	
16	Internal staircase(s) ground to first floor — KNBC-compliant	Design + supply	Install	
17	Corrosion protection (HDG/coating to ER category, e.g. C5/CX)	Apply to spec	Touch-up after erection	
18	Anchor bolts / HD assemblies + setting-out plan — advance shipment ahead of main building	Supply + ship in advance	Receive + cast in	**HP-4**
19	Deliver to defined point (CIF Kiritimati)	Deliver	Handle onward	
C — SPARES (same profile / colour / batch)				
20	Spare roof panels 5% + trims (one set + 5%) + fixings 5% + touch-up	Supply (CIF Kiritimati)	Store on Employer's site by the building, protected	
21	Spare upper-façade panels 3% + trims + fixings 5% + touch-up	Supply (CIF Kiritimati)	Store on Employer's site by the building, protected	
22	Spares storage + O&M batch / re-order records	Provide batch + re-order data	Provide protected storage on Employer's site by the building; compile O&M	
D — FLOOR SYSTEM				
23	Floor panels + matched fixings — supply & deliver ◊ (Pkg 1 PO1 / Pkg 2 PO1)	Price as option (supply)	Price as option (supply)	
24	Floor panels + topping — install over joists	—	Install (Pkg 2 PO1 install + PO2 topping)	**HP-8**
E — CONSTRUCTION / ERECTION				
25	Construct foundations + cast anchor bolts; survey vs template	—	Construct	**HP-4**
26	Build ground-storey masonry to transition level/tolerance	—	Build	**HP-9**
27	Erect steel, upper envelope, roof, upper doors/windows, stairs	Supervise (item 30)	Erect per drawings + method	
27a	Erect within stipulated period of delivery; substructure cured to strength first	Fix delivery date jointly	Comply — see Pkg 2 ER	**HP-6**
28	Temporary works, propping, craneage	Review method	Design + provide	
29	Interior fit-out + MEP (full scope)	—	Design + install	

#	Work element	Design & Supply Contractor (Pkg 1)	Works Contractor (Pkg 2)	Hold pt
30	Site representative during erection	Provide rep + supervise	Access + follow instructions	
F — CERTIFICATION & WARRANTY				
31	Certify steel + upper-envelope design	Certify	—	
32	Certify foundation + masonry design	—	Certify (WC engineer)	
33	Inspect + certify erection conformance	Certify (rep)	Rectify defects	**HP-7**
34	Inspect + certify weather-tightness incl. masonry–cladding junction	Certify (rep)	Rectify defects	**HP-9**
34a	Producer Statement PS1 (Design) — complies with KNBC, AS/NZS, ER	PS1 (superstructure)	PS1 (substructure, masonry, fit-out, MEP)	**HP-1**
34b	Producer Statements PS3 (Construction) / PS4 (Construction Review)	PS3 fabrication; PS4 erection review	PS3 works; PS4 by WC engineer	**HP-7**
35	Product, design, weather-tightness warranty (supplied scope)	Provide	—	**HP-7/HP-9**
36	Foundation, masonry, floor, fit-out, MEP, workmanship warranty	—	Provide	
37	Panel / spare manufacturer warranty pass-through	Assign to Employer	Assign to Employer (if supplier)	
38	As-builts, O&M, handover	Contribute steel/envelope + batch data	Compile + submit	
G — ENVIRONMENTAL & SOCIAL				
39	Labour & supply-chain (ESS2); hazardous-material-free coatings (ESS3)	Comply (off-site/factory)	Comply (on-site ESCOP)	
40	Packaging, shipping & biosecurity (ISPM 15, clean containers)	Compliant packaging	Importer / quarantine clearance	**HP-5**
41	Site ESCOP, OHS, community H&S, SEA/SHand waste.	Rep follows site rules + CoC	Comply + implement (refer ESCOP attached)  ESCOP MCS.pdf	

I.2 Interface & Sequencing Schedule

Each cross-party event is written as an obligation in the issuing party's contract and as an entitlement or relief in the receiving party's contract. The key dependencies are as follows. Foundation design cannot begin until the base reactions are issued, so sequence item 1 precedes item 3. The beam web penetrations must be shop-cut to the preliminary MEP routing before fabrication, so item 5a precedes item 6. Erection cannot begin until the anchor bolts have been surveyed and the concrete has cured, so item 4 precedes item 7.

Seq	Interface event	Responsible → Recipient	Timing	Hold pt
0	Floor system + hybrid envelope spec fixed in ER; both RFQs issued with common annexes	Employer	Pre-tender	—
1	Issue base reactions (unfactored, by load case), uplift, horizontal loads	Pkg 1 → Eng. → Pkg 2	≤ 28 days of award (preliminary; confirmed after	**HP-2**

Seq	Interface event	Responsible → Recipient	Timing	Hold pt
			design no-objection)	
2	Issue anchor-bolt layout + template + first-floor bearing + transition detail	Pkg 1 → Pkg 2	with item 1	**HP-2**
2a	Advance shipment of anchor bolts + setting-out plan (ahead of main consignment)	Pkg 1 → Pkg 2	ahead of substructure works	**HP-4**
3	Foundation design complete + approved (to reactions)	Pkg 2 → Engineer	—	**HP-2**
4	Build substructure + cast anchor bolts; survey vs template; cure to strength	Pkg 2	—	**HP-4**
5	Build ground-storey masonry to level/tolerance for transition	Pkg 2	—	**—**
5a	Services-penetration coordination input (preliminary MEP routing)	Pkg 2 → Pkg 1	before fabrication	**HP-3**
6	Fabricate + deliver steel, envelope, upper panels, stairs	Pkg 1 → site	by delivery date	**—**
7	Erect frame/envelope under rep supervision	Pkg 2 (Pkg 1 supervises)	≤ 28 d of delivery	**HP-6**
8	Certify erection → structural warranty effective	Pkg 1	—	**HP-7**
9	Close masonry–cladding transition; weather-tightness inspection	Pkg 1 detail / Pkg 2 build	≤ 90 d of delivery	**HP-9**
10	Install floor panels + topping over joists (mfr rep present)	Pkg 2	—	**HP-8**
11	Beam web penetrations as-designed only (no field cutting)	constraint throughout	—	**HP-3**
12	Interior fit-out + MEP	Pkg 2	—	**—**
13	Handover	Pkg 2 compiles	—	**—**

I.3 Hold Points

HP-1 — PS1 design acceptance. Each element's PS1 (design compliance with the KNBC, nominated AS/NZS standards and the ER) is accepted by the Engineer before that element proceeds to fabrication or construction.

HP-2 — Reactions and anchor-bolt layout issued. Foundation design cannot start until the Supplier issues signed, revision-controlled column base reactions (unfactored, by load case, per KNBC) together with the anchor-bolt setting-out layout/template and interface details; the Works Contractor's engineer forms the load combinations and applies the factors.

HP-3 — Beam penetrations. Only Supplier-designed third-point web openings permitted; any additional or relocated penetration requires written Supplier approval — no field cutting, or the steel warranty is void.

HP-4 — Anchor-bolt setting-out. Foundations not released for erection until bolt positions are surveyed and signed off against the Supplier template; anchor bolts and setting-out plan shipped in advance of the main consignment.

HP-5 — Biosecurity clearance. Delivered consignment cleared through Kiribati biosecurity / quarantine before release to Site; packaging compliant with ISPM 15 and container-cleanliness requirements.

HP-6 — Erection period. Erection commences within the stipulated period of delivery, with the substructure complete and concrete cured to the specified strength beforehand.

HP-7 — Erection certification. Supplier warranty conditional on the Works Contractor erecting per Supplier instructions and the Supplier rep certifying conformance (steel erection scope only).

HP-8 — Floor-panel installation. Panels and topping installed per panel-manufacturer instructions and joist spacing, with the manufacturer's representative present to accept; conformance recorded.

HP-9 — Weather-tightness incl. transition junction. Masonry–cladding junction closed per the Supplier-designed transition detail, and the full upper envelope inspected and certified weather-tight by the Supplier rep before interior fit-out / handover.

End of Package 1 Employer's Requirements (Annex 2). To be read with the Package 1 RFQ and coordinated with the Package 2 ER/RFQ.

ANNEX 3: FORM OF QUOTATION (RFQ-GOODS)

[To be completed, signed and submitted on Letterhead of Supplier]

Date:

To: _____(Purchaser's Name)

_____(Purchaser's Address)

_____

Project Title: **Kiribati Pacific Islands Regional Oceanscape Program (KI PROP)**
Project No.: **P165821**
Source of Funding (grant no.): **IDA-D5570**
Contract Name: **Design, Supply and Supervision of Prefabricated building in Kiritimati Island**
Contract Ref: **KI-MFMRD-551170-GO-RFQ**

We offer to execute the_____(*Purchaser to fill name and number of Contract*) in accordance with the Form of Contract and Annexes accompanying your Request for Quotation (RFQ) for the Contract Price of _____(amount in words and numbers) (_____) (name of currency). We propose to complete the delivery of Goods described in the Contract within a period of _____calendar days from the Date of Notification of Award.

This Quotation and your written acceptance will constitute a binding Contract between us. We understand that you are not bound to accept the lowest or any Quotation you receive.

We hereby confirm that this Quotation complies with the Validity of the Quotation required by the RFQ.

Authorized Signature: _____
Name and Title of Signatory_____
_____

Name of Supplier: _____
Address: _____
_____

Phone Number _____

e-mail address:----------

ANNEX 4: STATEMENT OF TECHNICAL COMPLIANCE

[To be completed, signed and submitted by the Supplier as an attachment to the signed Form of Quotation]

Project Title: **Kiribati Pacific Islands Regional Oceanscape Program (KI PROP)**
Project No.: **P165821**
Source of Funding (grant no.): **IDA-D5570**
Contract Name: **Design, Supply and Supervision of Prefabricated building in Kiritimati Island**
Contract Ref: **KI-MFMRD-551170-GO-RFQ**

Date:

To: *(name of Purchaser)*

We, the undersigned, confirm that we shall supply the Goods listed in Annex 1 according to the standards and specifications described in Annex 2 except for those deviations listed below:

List all deviations of the proposed items of Goods:

or

nil

We confirm that the Goods proposed in our quotation substantially satisfy the requirements specified in the specifications. The main technical responses are as listed below:

List all the main technical characteristics of the proposed items of Goods:

Authorized Signature: _____
Name and Title of Signatory_____
_____

Name of Supplier: _____
Address: _____
_____

ANNEX 5: PREVIOUS EXPERIENCE

[To be completed, signed and submitted by the Supplier as an attachment to the signed Form of Quotation]

Date:

To:

We include the following references to demonstrate our experience in successfully supplying materials for Prefabricated building.:

	Contract Title	**Contract dates**	**Client**	**Value**	**Description of Goods/ services provided**
1					
2					

Authorized Signature: _____
Name and Title of Signatory_____
_____

Name of Supplier: _____
Address: _____
_____

ANNEX 6: Advance Payment Security

Demand Guarantee

[Guarantor letterhead or SWIFT identifier code]

Beneficiary: _____*[insert name and Address of Purchaser]*

Date: _____*[Insert date of issue]*

ADVANCE PAYMENT GUARANTEE No.:_____*[Insert guarantee reference number]*

Guarantor: *[Insert name and address of place of issue, unless indicated in the letterhead] (Supplier's Bank)*

We have been informed that _____(hereinafter called "the Applicant") has entered into Contract No. _____*dated* _____with the Beneficiary, for the execution of _____(hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, an advance payment in the sum _____ is to be made against an advance payment guarantee.

At the request of the Applicant, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of ____( ) [1] upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating either that the Applicant:

(a) has used the advance payment for purposes other than the costs of mobilization in respect of the Works; or

(b) has failed to repay the advance payment in accordance with the Contract conditions, specifying the amount which the Applicant has failed to repay.

A demand under this guarantee may be presented as from the presentation to the Guarantor of a certificate from the Beneficiary's bank stating that the advance payment referred to above has been credited to the Applicant on its account number _____at _____.

The maximum amount of this guarantee shall be progressively reduced by the amount of the advance payment repaid by the Applicant as specified in copies of interim statements or payment certificates which shall be presented to us. This guarantee shall expire, at the latest, upon our receipt of a copy of the interim payment certificate indicating that twenty (20) percent of the Accepted Contract Amount, less provisional sums, has been certified for payment, or on the _____day

of _____, 2_____,[2] whichever is earlier. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No. 758, except that the supporting statement under Article 15(a) is hereby excluded.

_____

[signature(s)]

---

1 *The Guarantor shall insert an amount representing the amount of the advance payment and denominated either in the currency (ies) of the advance payment as specified in the Contract, or in a freely convertible currency acceptable to the Employer.*

2 *Insert the expected expiration date of the Time for Completion. The Employer should note that in the event of an extension of the time for completion of the Contract, the Employer would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee. In preparing this guarantee, the Employer might consider adding the following text to the form, at the end of the penultimate paragraph: "The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months] [one year], in response to the Beneficiary's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee."*

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.