



Ministry of Health and Medical Services

PO Box 349, Honiara, Solomon Islands

REQUEST FOR QUOTATION (RFQ-WORKS)

Date of Issue of RFQ: 22/12/2023

Project Title: Solomon Islands COVID-19 Emergency Response Project

Source of funding (loan/credit/grant no.): IDA – 06280

Contract Name: Renovation of Helena Goldie Hospital

Contract Ref:

Dear Bidder,

1. The Project Management Unit – Ministry of Health and Medical Services (Employer) hereby invites you to provide your submission for the RFQ for:

The civil works involves the renovation of Helena Goldie Hospital (HGH) in Munda, Western Province.

1.1 Scope of Work:

The Works will include:

Compliance with building codes and regulations.

Any additional requirements specified in the project documents.

Please refer to the attachments for specific details of the Scope of Works, Detail Drawings and AS for the renovation work site location.

Instructions to Bidders:

- The construction works comes as a single lot.
- Bidders have to bid for the construction work for both sites' location.
- Bidders must submit the following along with their bid:
 - Detailed cost and pricing for the Helena Goldie Hospital renovation.
 - Relevant qualifications and experience related to the project.
 - Valid business license.
 - Financial budget for the proposed work.

- Bidders are required to provide relevant financial information to demonstrate their financial stability and capacity to undertake the project.
- Information on previous similar work completed.

2. To assist you in the preparation of your price quotation, please find enclosed the following documents:

- Specific detail design drawings
- Activity Schedules (AS)
- Scope of works
- Technical Specifications
- Form of contract attached in the RFQ
- Contractor Obligations: Environmental and Social mitigation strategies detailed in Table 5.1 attached in the RFQ.

Please review the documents thoroughly and let us know if you require any further clarification or information.

3. You may submit the signed Form of Quotation (including the priced Activity Schedule) by hand delivery and electronically at the following address:

The Permanent Secretary
Ministry of Health and Medical Services
P.O Box 349
Honiara,
Solomon Islands

Attention:

The Project Manager
Project Management Unit
Email: pmutender@moh.gov.sb
Phone: 23205

4. You must have experience as a contractor in the construction/renovation of at least one contract of the nature and complexity equivalent to the works included in this RFQ over the last five years, and provide evidence of financial resources to successfully complete the works of this contract.

5. Each bidder shall submit only one quotation. All quotations submitted in violation of this rule shall be rejected.

6. In evaluating the quotations, the Employer 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) For Quotations with AS: where there is a discrepancy in the total and the sum of the line item amounts, the total shall be corrected.
- c) If a Bidder refuses to accept the correction, his quotation will be rejected.

7. Your quotation shall be valid for a period of forty-five (45) days from Tuesday, 23rd Tuesday January 2024.

8. For Quotations with AS: Your quotation in English language shall be for the whole works and based on a fixed lump sum for the entire works. Currency of quoted prices and payment shall be in Solomon Islands currency (SBD) (specify national currency). The quotation shall include all duties, local taxes and other levies payable by the contractor in accordance with the local laws.

9. The Employer will award the contract to the Bidder whose quotation has been determined to be substantially responsive to this RFQ, has offered the lowest evaluated price quotation and is qualified to do the Works.

10. The terms and conditions of contract are attached to this RFQ.

11. A tender information session will be held on the Tuesday 9th, January 2024.

12. Your quotation should be submitted by Tuesday 23th January 2024, 2:30 pm.

13. Further information can be obtained from:

Project Management Unit

Ministry of Health and Medical Services

China Town:

Name of contact persons:

- i. Jonathan Bisili, Project Infrastructure Officer
- ii. Harry Kereseka, Project Manager

Email: pmutender@moh.gov.sb

Telephone: +677 23205

14. Please confirm by e-mail to the contact provided in paragraph 13 above, the receipt of this RFQ and whether or not you will submit the price quotation(s).

Sincerely,

Harry Kereseka

Project Manager

Project Management Unit – MHMS

ANNEX 1a: SPECIFICATIONS

Project Title: Solomon Islands COVID-19 Emergency Response Project

Contract Name: Renovation of Helena Goldie Hospital (HGH).

Contract Reference Number:

1. Brief background

Component 2.2 - **Support Health Infrastructure Development** supports health systems strengthening activities to ensure continuity of delivery of critical health services and to cope with the surge in demand for care posed by COVID-19. The activities include: (a) renovating and upgrading Provincial hospital's intensive care units and capacity building. The identified locations for the intense care have include Tulagi, Helena Goldie hospital and Atoifi. The renovation work for Helena Goldie hospital will cover the general ward, the maternity ward and the operating theatre.

1.1 Site Locations

1.1.1 Helena Goldie Hospital (HGH)

Helena Goldie Hospital is located at the southwestern tip (called Munda Point) of the western end of New Georgia, and the large Roviana Lagoon is just offshore. Helena Goldie hospital was established in 1903 by Methodist Missionaries, and is now owned by the United Church in Solomon Islands (UCSI). In agreement with the Western Provincial Health Services, HGH looks after 15 clinics within Zone 3 of Western Province, the area comprising of North New Georgia, Vona Vona Lagoon, Roviana Lagoon and Rendova Islands. The estimated population within the area is over 26,000.

1.1.2 Brief description of the scope of works

The Renovation works involves a Refurbishments of the three (3) existing Clinical and Wards Hospital Buildings. These include; **the general ward, the maternity ward and the operating theatre.** Therefore, the Contractor shall carry out the works in accordance with the Detailed Renovations drawings and scope of works, General and technical specification and Activity Schedule documentation provided and shall be responsible for ensuring that the works meet the requirements of the relevant Statutory Authorities having jurisdiction over the Site.

The renovation covers the following scope and as per specified in the detailed drawings:

Internal Concrete Floor – All existing external and internal Floor Finishes to be demolished and removed, cleaned, make good and prepared for the re-application of specified Finishes.

1. **External Walkways Concrete Floor** – All existing Floor surfaces to be cleaned, make good and prepared for the re-application of specified Finished.
2. **Existing Concrete Slab** – Demolish Existing Concrete Slab at road side of the Offices. Repair face of concrete Blockwork and make good to
3. **New External Walkways and Ramps** – Construct new Covered or exposed Concrete Walkways to connect to other General Ward Building and Accessible Ramps as per specified in Detailed Drawings.
4. **Existing External Concrete Walkways** – All Existing Walkways to be Cleaned, Repaired and Make good as specified on the detailed Drawings and Specifications.
5. **External Walls** – All External Walls to be retained, cleaned, Claddings repaired as required, make good and re-painted as specified on the Detailed Drawings and Specifications.

6. **Internal Walls** - All Internal Wall linings to be demolished and removed, Wall Structures cleaned and repaired to match, make good and re-installed with new wall linings and finishes as specified on the Detailed Drawings and Specifications.
7. **New Internal Wall Partitions** – Supply and construct new Walls to close off existing door openings as per new Room reconfigurations and complete with all wall and ceilings Linings and finishes as specified in the Detailed Drawings.
8. **Internal Ceilings** - All Internal Ceiling linings to be demolished and removed, Roof structures cleaned, make good and re-installed with new ceiling linings and finishes as specified on the Detailed Drawings and Specifications.
9. **External Ceilings** - All External Ceiling linings to be demolished and removed, structures cleaned and repaired to match, make good and re-installed with new Ceiling linings and finishes as specified on the Detailed Drawings and Specifications.
10. **Doors** – All Internal and External Doors to be replaced with new Hospital Standard Hygiene Doors as Specified on the Detailed Drawings.
11. **Windows** - All Internal and External Windows to be replaced with new Frames and Louvres as Specified in Detailed Drawings.
12. **Roof Covering and Insulations** – All Existing Roof Coverings and Insulations to be removed and replaced with new as specified in the Detailed Drawings. All new Roof Extensions to be new as specified.
13. **Roof Structures** – All Roof Structures to be retained, cleaned, repaired/replaced to match as required and make good for Re-installations of new Roof Coverings. All new Roof Structures to be new as specified.
14. **Walkway Covering and Insulations** – All Existing Roof Coverings and Insulations to be removed and replaced with new as specified in the Detailed Drawings. All new Walkway Roof Covering to be new as specified in the Detailed Drawings.
15. **Walkway Roof Structures** – All Roof Structures to be retained, cleaned, repaired as required and make good for Re-installations of new Roof Coverings.
16. **Electrical** – Remove and replace all existing faulty fixtures & re-installed all Fixtures and Wirings with new as specified by the Electrical Drawings.
17. **Hydraulics (Plumbing)** – Remove and replace all existing faulty fixtures & re-installed all Fixtures with associated piping with new as specified by the Hydraulics Drawings.
18. **Hydraulics (Water Supply)** – Remove and replace all existing faulty or old fixtures and piping & re-installed with new as specified by the Hydraulics Drawings. Other Existing related Hydraulics features such as Water Tanks stands or Water Supply lines to be relocated or diverted as approved to allow proposed works.
19. **Mechanical** - Remove and replace all existing mechanical fixtures & re-installed with new and Wirings with new as specified by the Mechanical Drawings.
20. **Data and Comms** - Remove existing and replace with new as specified or approved locations.
21. **Notice Boards** – Remove and replace with new as specified or approved locations.
22. **Note** – All other Building features and fixtures related to this renovation not mentioned or overlooked with this scope of Works, Tender Drawings and related Documents shall be considered by the contractor to demolish, remove supply and construct/replace and make good and completed with finishes as approved.

1.1.3 Standards and Specification

(See Technical Specification attachment)

ANNEX 1b: FORM OF CONTRACT: RFQ FOR WORKS

Project Title: Solomon Islands COVID-19 Emergency Response Project

Source of funding (loan/credit/grant no.): IDA – 06280

Contract Name: Renovation of Helena Goldie Hospital.

Contract Ref: _____

This Contract is made this _____ day of _____, **2023** between ***Ministry of Health and Medical Services*** on the one part (hereinafter called "the Employer") and _____ (hereinafter called "the Contractor") on the other part.

Whereas the Employer has called for quotations for _____ ("the Works") and the Contractor has submitted a quotation for the Works and the Employer has accepted the Contractor's Quotation dated _____ for the execution and completion of the Works and the remedying of any defects therein.

Now this Contract witnesses as follows:

1. The Contractor hereby covenants to execute the Works fully detailed in the drawings, technical specifications and Bill of Quantities (BOQ) and environmental and social mitigation measures included in the Contractor's Quotation (Annex attachment) which constitute an integral part of this Contract in a professional and workmanship like manner in accordance with the following Conditions of Contract:
 - (a) Remedy all defects within 7 working days of notification by the ***Project Management Unit*** Engineer in charge, during the period of execution of the contract and thereafter for defects notified within the defect liability period.
 - (b) The Employer reserves the right to terminate the contract due to unsatisfactory performance 10 days after giving a written notice.
 - (c) All material and construction equipment on site, temporary works, and the Works shall be deemed to be the property of the Employer if the contract is terminated due to default by the Contractor.
 - (d) The Contractor will in all cases abide by the directions of the Engineer in charge.
 - (e) The Contractor shall submit to the Engineer in charge, a program within 7 days after signing the contract describing general methods and schedule to complete the Works.
 - (f) The Contract completion period shall be _____ ***calendar days for Location 1 and*** _____ ***calendar days for Location 2*** after signing of the Contract and effective from date of the Notice to Proceed (NTP).
 - (g) For BOQ based contracts: In case of changes to the quantities in BOQ, the unit rates under the contract will be used to calculate the payment. For variations, the unit rates in the BOQ shall be used for similar items under variation. New items

of work performed, under variation as ordered by the Engineer in charge, will be paid at mutually agreed rate/s and, in case of any disagreement between the Contractor and the Engineer in charge, the latter will fix the unit rates that will be binding on the Contractor.

- (h) The Law governing the contract shall be the applicable laws of Solomon Islands.
- (i) The Contractor shall be responsible for the safety of all the activities on the Site.
- (j) During execution of the Works the Engineer in charge will carry out inspection of the Works at site to verify that the Works are executed by the Contractor in accordance with the specifications and required quality as per specifications. The Engineer in charge will reject works not performed to the required specifications and the Contractor shall take immediate actions to rectify all defects in accordance with subparagraph (a) above.
- (k) Either party may terminate the Contract by giving a 14 days' notice to the other for unforeseen events such as wars and acts of God such as earthquake, floods, fires etc. In such case the payments will be made for the completed works to the date of termination of contract.
- (l) The Contractor is responsible for all taxes, duties, levies, customs duties, etc. in accordance with the laws of Solomon Islands which are already included in the unit rates or prices in the BOQ or AS, except VAT.
- (m) Any disputes between the Employer and the Contractor arising under or in connection with the Contract shall be resolved amicably. In the event the dispute remains unresolved, either party may refer the dispute to arbitration in accordance with Laws of Solomon Islands or jurisdiction at the Courts of Honiara, Solomon Islands
- (n) The contractor must comply with the World Bank environmental, social and health and safety (ESHS guidelines).
- (o) The contractor is responsible for ensuring that all workers and sub-contractors undertook a site induction prior to start of works to ensure employees are aware of;
 - i. The importance and purpose of the CoESP
 - ii. OHS onsite
 - iii. Any significant environmental hazards, actual or potential, that may be caused as a result of their activities or the project
 - iv. Roles and responsibilities in relation to the CoESP
 - v. Any spill response and or emergency procedure
 - vi. Accident and incident reporting and methods of prevention
 - vii. Codes of Conduct including responsibilities around Gender based Violence (GBV), Sexual Exploitation and Abuse (SEA), Sexual Harassment (SH) and Violence against Children (VAC).
- (p) The Contractor shall apply all OHS provisions in the CoESP to protect the safety of employees and the public.
- (q) The contractor is responsible to nominate an onsite supervisor/ contractor's site supervisor to; be the focal point for PMU, manage any public interaction, be responsible for reporting any issues to the PMU, ensure all individuals

understand the CoESP. The contractor shall agree to strategize to fulfil all the ES risk and impact mitigation requirements in annex II including emerging issues in consultation with the PMU-ESHS&CE.

- (r) The contractor shall sign the Company Acknowledgment of CoESP and have all workers and sub-contractors sign the Code of Conduct (COC) prior to commencement of works.
 - (s) The contractor shall implement the Covid-19 workplace safety measures as prescribed in the MHMS Covid-19 measures.
2. In consideration thereof the Employer covenants to pay the Contractor the Contract Price of _____ for Location 1 and _____ for Location 2 in the following manner and instalments:

For AS based contracts:

- (A) An advance payment of 15 percent of the Contract Price will be paid upon the submission of an Advance Payment Bank Guarantee in the same amount and currency. As an alternative to the Bank Guarantee the payment of 15 percent of the Contract Price will be paid upon the Contractor bringing to the work site the following items and the Engineer in charge certifying it: 1/ at least one half of all materials to be incorporated in the Works or all materials to be consumed within three months whichever is less, and 2/ all equipment required for the construction.
- (B) Subsequent payments will be made for each activity completed based on the quoted price for the respective activity. For each payment, 20% of the value of payment will be deducted for repayment of any advance payment until the total of advance payment is paid off, and 10% of the value will be retained as retention money until the total of retention money reaches 5% of the accepted contract price. Each interim payment will be due for payment within 21 days of submission of invoice and supporting documents for the completed quantities.
- (C) One-half of the 5% retention money will be paid to the Contractor on certification by the Engineer in charge of substantial completion of the Works, and the balance half¹ of the retention money will be paid at the end of the defects liability period. The Advance Payment Bank Guarantee shall be released when the advance payment is paid back in total.
- (D) The defects liability period will be 12 months after taking over of completed works by the Employer.

¹ Total amount making the half balance of the 5% must be paid in by the contractor to an MHMS designated account within 30 days after the effective date of the contract as forming one condition to the release of Advance payment.

- (F) The contractor is obliged by the provisions of the contract to undertake the actions detailed in the CoESP which has been approved by the PMU. Should the contractor fail to comply with the provisions of the CoESP, the PMU shall withhold payment of invoices until the contractor solve the issue(s). The PMU may require the ceasing of works until any such issues have been rectified, any costs arising from such delays are the responsibility of the contractor.

3. Inspections and Audits

- 3.1 The Contractor shall carry out all instructions of the Engineer in charge which comply with the applicable laws where the Site is located.
- 3.2 The Contractor shall permit, and shall cause its Sub-Contractors to permit, the World Bank ("the Bank") and/or persons or auditors appointed by the Bank to inspect and/or audit its accounts and records and other documents relating to the submission of the Quotation to carry out the Works and performance of the Contract. Any failure to comply with this obligation may constitute a prohibited practice subject to contract termination and/or the imposition of sanctions by the Bank (including without limitations determination of ineligibility) in accordance with prevailing Bank's sanctions procedures.

4. Termination.

The Employer may terminate this Contract with at least ten (10) working days prior written notice to the Contractor after the occurrence of any of the events specified in paragraphs (a) through (d) of this Clause:

- (a) If the Contractor does not remedy a failure in the performance of its obligations under the Contract within seven (7) working days after being notified, or within any further period as the Engineer in charge may have subsequently approved in writing;
- (b) If the Contractor becomes insolvent or bankrupt;
- (c) If the Contractor, in the judgment of the Employer or the Bank, has engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices (as defined in the prevailing Bank's sanctions procedures) in competing for or in performing the Contract.
- (d) If the Employer, in its sole discretion and for any reason whatsoever, decides to terminate this Contract.

5. Fraud and Corruption

If the Employer determines that the Contractor 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 Bank's sanctions procedures), in competing for or in executing the Contract, then the Employer may, after giving 14 days' notice to the Contractor, terminate the Contractor's employment under the Contract and cancel the contract, and the provisions of Clause 4 shall apply as if such expulsion had been made under Sub-Clause 4(a).

In witness whereof the parties thereto have caused this Contract to be executed the day and year first before written.

| | |
|---|--|
| <hr/> Signature (on behalf of the Employer) | Name of the Contractor; <hr/> |
| In the presence of: <hr/> (Signature of Witness) | <hr/> Signature on behalf of Contractor |
| Name and designation of Witness: | In the presence of: <hr/> (Signature of Witness) |
| | Name and Address of Witness: |

ATTACHMENT 1

ANNEX 4: FORM OF QUOTATION (RFQ-WORKS)

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

Project Title: Solomon Islands COVID-19 Emergency Response Project:

Project No P173933

RFQ No:

Contract Number:

Contract Name: Renovation of Helena Goldie Hospital

Date _____

To: Project Management Unit (Employer's Name)

Ministry of Health and Medical Services

P. O Box 349

Honiara, Solomon Islands (Employer's Address)

We offer to execute the _____ **[insert Lot name and Location number 1 of Contract]** in accordance with the Form of Contract and Specifications accompanying your Request for Quotation (RFQ) for the Contract Price of _____ **[insert amount in words and numbers]** (_____) [SBD] _____, excluding VAT². We propose to complete the Works described in the Contract within a period of days calendar days from the Date of Signing of the Contract.

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 within **45 days**.

Authorized Signature: _____

Name and Title of Signatory: _____

Name of Bidder: _____

Address: _____

Phone Number: _____

Email address: _____

² GST in Solomon Island's case

ATTACHMENT TO FORM OF QUOTATION

DETAILS OF BIDDER'S QUALIFICATIONS TO PERFORM THE CONTRACT (refer paragraph 4 of the RFQ)

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

EVALUATION & QUALIFICATION CRITERIA

| N o | CATEGORY | DESCRIPTION | REQUIREMENT LOT 2 |
|--------|------------------------------------|---|--|
| 1 | Experience | Must have successfully completed at least one project of similar nature and complexity within the past 5 YEARS | Bidders must attach documentary evidence in support of your claim (completion certificate, signed contract official reference) |
| 2 | Liquidity | Three months value of the total contract. | MOST RECENT BANK STATEMENTS AND LETTERS OF OVERDRAFT OR CREDIT (refer to template below) |
| 3 | Other current contract commitments | To assist in determining financial obligations | Bidder to list current monthly contract commitments (refer to template below) |
| 4 | Valid Business license | Relevant and current | 1. Valid Business license 2. Company Haus registration/certificate |
| 5 | Financial Budget | Planned funds requirements for duration of contract against milestones. | Work Programme and Financial breakdown as per milestone. |

Experience as a works contractor (over the last five years):

Contract No. 1 (ETC)

Contract title:

Description of the Works (include the description, nature and complexity similar to the works of this RFQ):

Contract period:

Final Contract Value:

Any other details:

Liquidity & Financial Resources

Bidder must demonstrate sufficient financial resources, usually comprising of Working Capital supplemented by credit line statements or overdraft facilities and others to meet the Bidder's financial requirements for

- (a) its current contract commitments,
- (b) the subject contract. Lot 1 (insert value) and Lot 2 (insert value)

| Financial Resources Available | Total required to cover liquidity level for both Site Location |
|-------------------------------|--|
| | USD 132,408.58 |
| | Equivalent SBD 1,050,000-00 |

| Financial Resources | | |
|--|---------------------------|------------------------|
| No. | Source of financing | Amount (\$ equivalent) |
| 1 | Working Capital | |
| 2 | Credit Line ^a | |
| 3 | Other Financial Resources | |
| Total Available Financial Resources | | |

^a *To be substantiated by a letter from the bank issuing the line of credit.*

Current Contract Commitments

Bidders should provide information on their current commitments on all contracts that have been awarded, or for which a letter of intent or acceptance has been received, or for contracts approaching completion.

| Current Contract Commitments | | | | | | |
|--|------------------|---|--------------------------|--|---|--|
| | Name of Contract | Employer's Contact (Address, Tel, Fax) | Contract Completion Date | Outstanding Contract value (X) ^a | Remaining Contract Period in months (Y) ^b | Monthly Financial Resources Requirement (X / Y) |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| Total Monthly Financial Requirements for Current Contract Commitments | | | | | | \$ |

ANNEX 3: DRAWINGS

Project Title: Solomon Islands COVID-19 Emergency Response Project

Contract Name: Renovation of Helena Goldie Hospital (HGH).

Contract Reference Number: _____

The Works are to be performed in accordance with the following Drawings:

See attachments for HGH renovation drawings

2. Availability of Financial Resources:

The winning bidder should have adequate sources of finance to meet the cash flow requirements for at least 30% of the value of the works, in addition to requirements for works currently in progress.

| Source of financing | Currency and Amount |
|---------------------|---------------------|
| 1. | |
| 2. | |
| 3. | |
| 4. | |

Authorized Signature: _____

Name and Title of Signatory _____

Name of Bidder: _____

Table 5 - Environmental and Social mitigation strategies - Contractor Obligations.

The contractor will implement the Environmental and Social mitigation strategies detailed in **Table 5.1a and 5.1b** for GSH and HGH respectively. These have been taken from the Site Assessment. Mitigation of any additional risk or site-specific actions should be included in **Table 5.1a and 5.1b** by the contractor in consultation with the PMU.

Table 5.1a Helena Goldie Hospital - Potential Impacts and Risk and Site Assessment mitigation strategies and additional contractor requirements

| Potential Impacts & Risks | Mitigation as outlined in the Site Assessment | Additional Site Actions (contractor to add) |
|--|---|--|
| Air quality, noise, and vibration generated from civil works | <p>The contractor(s) is responsible for compliance with all relevant national legislation and international standards with respect to noise and vibration and ambient air quality.</p> <p>Noise and vibration</p> <p>The contractor(s) undertaking works shall implement the following at a minimum:</p> <ul style="list-style-type: none"> • Plan activities in consultation with communities so that noisiest activities are restricted to being undertaken during periods that will result in least disturbance • Noise levels should be maintained within the national permissible limits/standards • If necessary, use temporary noise-control methods such as fences, barriers or deflectors (such as muffling devices for combustion engines) and select equipment with lower sound power levels where possible • Minimize transportation of demolition waste and construction materials through community areas during regular working time • Maintain a buffer zone (such as open spaces, row of trees or vegetated areas) between the project site and surrounding areas if possible, to lessen the impact of noise <p>Air Quality</p> <p>The contractor(s) undertaking works shall implement dust suppression measures (e.g. covering of material stockpiles & watering) as required. At a minimum the following is required:</p> <ul style="list-style-type: none"> • Materials used shall be covered and secured properly during transportation to prevent | |

| Potential Impacts & Risks | Mitigation as outlined in the Site Assessment | Additional Site Actions (contractor to add) |
|--|--|--|
| | scattering of soil, sand, materials, or generating dust <ul style="list-style-type: none"> • Keep stockpiles of aggregate materials covered to avoid suspension or dispersal of fine soil particles during windy days or disturbance from stray animals • Minimize dust from exposed work sites and stockpiles by applying water on the ground regularly • No burning of site clearance debris (trees, undergrowth) or construction waste materials • Hydrocarbons shall not be used as a method of dust control | |
| Soil erosion and uncontrolled sediment causing negative impacts to surface or groundwater | The contractor(s) undertaking works shall implement the following at a minimum: <ul style="list-style-type: none"> • Implement suitable project design (e.g., establish appropriate erosion and sediment control measures) to minimize soil erosion and identify and protect receiving water courses and bodies • Scheduling to avoid heavy rainfall periods • Use mulch, grasses or compacted soil to stabilize exposed areas promptly. | |
| Resource efficiency issues, including materials supply and extraction of raw materials | The contractor(s) undertaking works shall at a minimum: <ul style="list-style-type: none"> • Source raw materials and construction materials locally and from licenced/permitted facilities only • Use recycled or renewable building materials (e.g. timber) where possible. | |
| Impacts on local communities from traffic obstruction, congestion, and traffic and road safety | The contractor(s) undertaking works shall implement the following at a minimum: <ul style="list-style-type: none"> • Construction and establishment of haul roads shall be kept to a minimum • Communicate traffic management plans – including traffic volumes, schedules, road closures and community safety measures – to project stakeholders and local communities • Minimise the extent of traffic and construction impacts on adjacent villages and other residential areas where possible • All traffic signs used for the warning or direction of traffic at road works sites shall comply with appropriate traffic regulations. Homemade signs shall not be used | Contractor to detail site traffic management |

| Potential Impacts & Risks | Mitigation as outlined in the Site Assessment | Additional Site Actions (contractor to add) |
|--|--|--|
| | <ul style="list-style-type: none"> Implement dust suppression measures if required. | |
| Land and/or water pollution from waste generated by demolition debris, construction materials, and/or workers (solid, hazardous, and wastewater) | <p>The contractor(s) undertaking works shall implement the following at a minimum</p> <ul style="list-style-type: none"> Develop and follow site-specific waste management (separation of waste streams, storage, provision of bins, site clean-up, bin clean-out schedule, etc.). Implement the principles of the Waste Hierarchy (Reduce, Reuse, Recycle, and Residual Disposal) as outlined in the National Waste Management and Pollution Control Strategy 2017-2026. The following methods for waste reduction and recycling should be utilized: <ul style="list-style-type: none"> Minimise waste production by reusing existing structures; initially remove materials by hand e.g. wooden floorboards, to avoid damage and excess waste; separating materials (metal, timber etc.) and storing them in neat piles to avoid cross contamination; ensuring safe and dry storage of salvaged items; placing clear signage on all waste separation and collection areas Recyclable materials such as packaging material etc., shall be segregated and collected on-site from other waste sources for reuse or recycle (sale) Remove scrap metal, such as roofing materials and iron rebar from concrete, for reuse off-site or metal recycling where practicable. Steel off-cuts can be recovered and sold as scrap metal Timber can be resold for utilisation as fuel (non-treated) or for repairing houses in villages or outer island communities (treated) On-site and off-site transportation of waste should be conducted to prevent or minimize spills, releases, and exposures to employees and the public Use litter bins, containers and waste collection facilities at all places during works Store solid waste temporarily on site in a designated place prior to off-site transportation and disposal through a licenced waste collector | |

| Potential Impacts & Risks | Mitigation as outlined in the Site Assessment | Additional Site Actions (contractor to add) |
|--|--|--|
| | <ul style="list-style-type: none"> • Dispose of waste only at designated place identified and approved by local authority. Open burning or burial of solid waste on the construction site shall not be allowed. It is prohibited for the contractor(s) to dispose of any debris or construction material/paint in environmentally sensitive areas (including watercourses) • Provide adequate sanitation facilities serving all workers at the construction sites • Ensure onsite worker sanitation facilities be properly operated and maintained to collect and dispose of wastewater • Minimize hazardous waste generation by ensuring hazardous waste is not co-mingled with non-hazardous waste. Collect, transport and disposal of hazardous waste to licenced/permitted hazardous waste sites only following good international industry practice (GIIP) for the waste being handled • Include in the induction training the segregation of wastes. | |
| Land and/or water pollution from use and storage of hazardous substances e.g. minor spills from fuel, oils, lubricants | <p>The contractor(s) undertaking works shall implement the following at a minimum in accordance with relevant Solomon Islands laws and GIIP such as the IFC EHS Guideline: Hazardous Materials Management:</p> <ul style="list-style-type: none"> • Using impervious surfaces for refuelling areas and other fluid transfer area • Ensure that refuelling and maintenance facilities are not located, or that activities do not take place, within 30m of a watercourse, or in ecologically sensitive areas. If a 30m limit is impracticable then a lesser limit may be adopted provided approval is obtained. On no account shall the limit be less than 10m • Providing adequate secondary containment for fuel storage tanks and for the temporary storage of other fluids such as lubricating oils and hydraulic fluids • Ensure that vehicles and plant are not stored within 30m of a watercourse, or in ecologically sensitive areas, overnight or when not in use • Regular checks for leaking oil or fuel from machinery undertaken. Any leaks are promptly repaired and/or parts replaced | |

| Potential Impacts & Risks | Mitigation as outlined in the Site Assessment | Additional Site Actions (contractor to add) |
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| | <p>within two days as part of maintenance of vehicles and equipment</p> <ul style="list-style-type: none"> • Training workers on the correct transfer and handling of fuels and chemicals and the response to spills • Spill kit, appropriate to the hazardous materials being used, to be kept on-site and workers to be trained in its deployment. | |
| <p>Land and/or water pollution from hazardous wastes such as asbestos, lead paints, ozone depleting substances (from old air conditioning units) and Polychlorinated biphenyls (PCBs) that may be present in demolition or refurbishment debris</p> | <p>The contractor(s) undertaking works shall be required to do the following at a minimum:</p> <ul style="list-style-type: none"> • Hazardous material management • Asbestos containing materials managed in accordance with GIIP such as World Bank guidelines on asbestos management. GIIP for asbestos includes: i) Requirements for contractors and stipulations of clauses in the tendering documents; ii) Risk assessment – determining the content of asbestos and risks of exposure incurred by workers, to assess them and to take the necessary precautions; iii) Notification to the occupational health and safety authority responsible for the work site; iv) Work plan with working instructions - lay down the technical and personal protective measures to be taken in the work plan; v) Training of project stakeholders and training of contractor and workers; vi) Transport, storage and disposal of asbestos (agreements with component bodies for transportation and disposal); • Safe removal of any asbestos-containing materials or other toxic substances shall be performed and disposed of by specially trained workers in line with the World Bank guidelines on asbestos management • Removal personnel will have proper training prior to removal or repair of asbestos containing materials; • All asbestos waste and products containing asbestos is to be buried at an appropriate landfill and not to be tampered or broken down to ensure no fibres are airborne. Disposal of waste containing asbestos should be agreed with ECD; and • No asbestos containing materials shall be used for construction works. | <p>Contractor to add hazardous material management</p> |

| Potential Impacts & Risks | Mitigation as outlined in the Site Assessment | Additional Site Actions (contractor to add) |
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| Occupational Health and Safety (OHS) risks for workers from civil works | <p>The contractor(s) undertaking works shall comply with all national and good practice regulations and GIIP regarding workers' safety, such as OHS section of the IFC EHS Guidelines on Construction and Decommissioning, and implement the following at a minimum:</p> <ul style="list-style-type: none"> • Develop and follow a site-specific health and safety (OHS) management strategies that deal with at a minimum those issues detailed in Table 5.2 • Appoint a health and safety officer at site, who will have the authority to issue directives for the purpose of maintaining the health and safety of all personnel authorized to enter and or work on the site • Prepare and implement a simple action plan to cope with risk and emergency (e.g., fire, storm surge, cyclone, COVID-19 outbreak) • Have or receive minimum required training on occupational safety regulations and use of PPE • Undertake training of staff to meet standards for the proper operation and use of equipment • Training of workers in lifting and materials handling techniques in renovation / refurbishing projects, including the placement of weight limits above which mechanical assists or two-person lifts are necessary • Training and use of temporary fall prevention devices, such as rails or other barriers able to support a weight of 200 pounds, when working at heights equal or greater than two meters (e.g. on scaffolding) • Use of control zones and safety monitoring systems to warn workers of their proximity to fall hazard zones, as well as securing, marking, and labelling covers for openings in floors, roofs, or walking surfaces • Take protective measures to prevent accidents such as: <ul style="list-style-type: none"> ○ implementing good house-keeping practices, such as the sorting and placing loose construction materials or demolition debris in established areas away from foot paths | Contractor to develop any site specific OHS measures |

| Potential Impacts & Risks | Mitigation as outlined in the Site Assessment | Additional Site Actions (contractor to add) |
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| | <ul style="list-style-type: none"> ○ Locating electrical cords and ropes in common areas and marked corridors ○ Planning and segregating the location of vehicle traffic, machine operation, and walking areas, and controlling vehicle traffic through the use of one-way traffic routes, establishment of speed limits, and on-site trained flag-people wearing high-visibility vests or outer clothing covering to direct traffic ○ Ensuring moving equipment is outfitted with audible back-up alarms • Use of temporary fall protection measures in scaffolds and out edges of elevated work surfaces, such as handrails and toe boards to prevent materials from being dislodged. Provide PPE and other safety measures as appropriate during works such as safety glasses with side shields, face shields, hard hats, hi-vis vests and safety shoes with non-slip soles, first aid kits, restricted access zones, warning signs, overhead protection against falling debris • Refer any grievances received by the community or local businesses to the local PMU E&S Specialist who will coordinate the Grievance Redress Mechanism (detailed in the CoESP) • Provide project workers with accessible means to raise workplace concerns (refer to Project LMP, Annex VII). | |
| Issues related to inappropriate worker accommodations such as close working and poor living conditions which may create conditions for the easy transmission of COVID-19 and the infection of large numbers of people | <p>The contractor(s) undertaking works shall comply with all national and good practice regulations regarding workers' safety and the LMP for the Project and implement the following at a minimum:</p> <ul style="list-style-type: none"> • Appoint a senior person, e.g. the health and safety officer, as the focal point to deal with COVID-19 issues • All construction facilities should follow the guidelines provided by the MHMS • Accommodation maintained in clean and hygienic condition to minimize spread of infection; • If a worker is diagnosed with COVID-19, follow the Consolidated National Preparedness and Response Plan for COVID-19 | Delete if worker accommodation not being used |

| Potential Impacts & Risks | Mitigation as outlined in the Site Assessment | Additional Site Actions (contractor to add) |
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| | <ul style="list-style-type: none"> • Undertaking health awareness and education initiatives with construction workers e.g. providing information on COVID-19 symptoms, transition paths, good hand hygiene, physical distancing etc. | |
| Health and safety risks for community, health care workers, patients and their relatives from civil works | <p>The contractor(s) undertaking works shall implement the following at a minimum:</p> <ul style="list-style-type: none"> • Implement the minimum standards as outlined in Table 5.2 • Implement traffic management as detailed above • Comply with all national and good practice regulations regarding workers' safety and the Project's LMP • Take protective measures to prevent accidents such as: <ul style="list-style-type: none"> ○ Barriers to prevent unauthorised access to worksites ○ Implementing good house-keeping practices to eliminate the hazard where possible, such as the sorting and placing loose construction materials or demolition debris in established areas away from foot paths ○ Planning and segregating the location of vehicle traffic, machine operation, and walking areas, and controlling vehicle traffic through the use of one-way traffic routes, establishment of speed limits, and on-site trained flag-people wearing high-visibility vests or outer clothing covering to direct traffic ○ Ensuring moving equipment is outfitted with audible back-up alarms. • Provide safe access routes and other safety measures as appropriate during works such first aid kits, restricted access zones, warning signs, covering openings to small confined spaces, overhead protection against falling debris and barricaded exclusion areas for drop zones (e.g. when working at heights), lighting system to protect community against construction risks • Communicate risks and community safety mitigation measures to project stakeholders and communities | Contractor to add any specific site community OHS requirements |

| Potential Impacts & Risks | Mitigation as outlined in the Site Assessment | Additional Site Actions (contractor to add) |
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| | <ul style="list-style-type: none"> Implement the Grievance Redress Mechanism (GRM) detailed in Annex 1 | |
| Increase in gender based violence (GBV), sexual exploitation and abuse (SEA) sexual harassment (SH) related to project workforce | <p>The Contractor(s) should at a minimum:</p> <ul style="list-style-type: none"> Comply with all relevant national laws and legislations. Include SGBV/SEA/SH requirements in induction training and have all workers sign the COC Provide separate facilities for female and male workers. | |
| Underage workers | Child labour or forced labour is absolutely prohibited in the project | |