

## Section 7. Terms of Reference



REPÚBLICA DE MOÇAMBIQUE  
MINISTÉRIO DA SAÚDE  
Departamento de Aquisições  
(DA)

### Terms of Reference for Project Management Consultant for Badea Financed Niassa Hospital Project (Ministry of Health Government of Mozambique)

<b>Project Name</b>	Construction and Equipping of Mecanhelas & Ngauma District Hospitals Project.	
<b>Project Name</b>	Construction and Equipping of Mecanhelas & Ngauma District Hospitals Project.	
<b>Total cost</b>	US\$ 21.40 million.	
<b>BADEA Financing</b>	US\$ 20.00 million.	
<b>Other Funds</b>	• Government:	US\$ 1.4 million.

<p><b>Description and Components of the Project</b></p>	<p>The project consists of the constructing and equipping of two regional hospitals one with a capacity of 150 beds (in Mecanhelas) and the other with a capacity of 100 beds (in Ngauma).</p> <p>The project components are summarized as follows:</p> <ol style="list-style-type: none"> <li>1- <u>Civil and electromechanical works and ancillaries;</u></li> <li>2- <u>Furniture and equipment supply;</u></li> <li>3- <u>Consulting services:</u> <ol style="list-style-type: none"> <li>a) Project Management</li> <li>b) Design and Supervision</li> </ol> </li> <li>4- <u>Implementing Agency Support;</u></li> <li>5- <u>Organization of the project implementation launch workshop;</u></li> <li>6- <u>Auditing the annual accounts of the project;</u></li> </ol>
<p><b>Procurement of Works, Goods and Services</b></p>	<p>Goods and services financed by the BADEA will be procured as follows:</p> <ul style="list-style-type: none"> <li>• Civil works and their ancillaries: through a tender limited to Arab, African or joint Arab-African contracting companies.</li> <li>• The consulting office in charge of project management: through a short list of Arab, African or joint Arab-African offices.</li> <li>• The consulting office in charge of supervising the implementation of the works through a short list of Arab, African or joint Arab-African offices.</li> <li>• Supply of medical equipment and furniture: Equipment is provided through an open international tender, and medical and non-medical furniture is provided through a local tender limited to local suppliers.</li> <li>• Supply of the ICT equipment for the project implementation unit: through a local tender limited to local suppliers.</li> <li>• Workshops for launching the project: by specialized local companies in preparing such forums.</li> <li>• Provision of means of transportation and equipment of automatic information through local approved suppliers.</li> <li>• Technical audit by Arab experts specialized in the field.</li> <li>• Financial audit by a short list of accredited local expertise offices.</li> </ul>

It is expected that the actual implementation of the project will take about 24 months, preceded by a period of 10 months during which the consulting office will be selected, the detailed designs will be reviewed, the environmental and social impact study, as well as the tender documents will be prepared, the tender will be issued, and a contractor will be selected to carry out the civil works.

### **1. Project Executing Agency - Ministry of Health**

The actual implementation of the works is expected to begin in September 2026 and be completed at the end of August 2028.

The project generally aims to contribute to the implementation of the National Health Policy, which seeks to facilitate access to quality secondary health care in various regions of the country, which will lead to lower rates of morbidity, disability and mortality. The project will contribute to achieving Goal No. (3) of the Sustainable Development Goals, which is to provide good health and well-being, as well as Goal No. (1), which is to eradicate poverty, in addition to Goal No. (3) of the Africa Agenda 2063, which is citizens enjoying good health and good nutrition.

In particular, the project aims to expand and improve medical services in the “Mecanhelas” and “Ngauma” Districts and contribute to strengthening the health system with a focus on primary health care to all residents.

### **2. Assignment Objectives**

The overarching objective of the assignment is to proactively assist and support TMRL in the planning and scoping of the Project including design, procurement and commissioning and the subsequent timely, effective and successful implementation of the project through the provision of professional advice, assistance and support.

### **3. Scope of Services**

The Project implementation will be divided into two phases:

#### **Phase 1: Preparation and Procurement:**

Setting up an initial project implementation plan and strategy.

Support in end-to-end procurement process using Two-Stage bidding for selection of contractor, including preparation of bidding documents with conceptual design as a technical part of the documents, evaluation reports, contract documents and other related procurement and project documents in line with Badea procurement policy and principles.

Needs assessment on capacity building and development of capacity building program for the concerned staff of the project management unit, procurement and contract administration.

#### **Phase 2: Supervision:**

Contract management and supervision of the Works, including preparation of various interim project implementation status reports for the MOH as well as reports for the financiers (Badea and GOM), providing technical and clerical support to the MOH in implementing the Project.

Acting as a think tank and assessing potential arising challenges/issues and proposing solutions.

Coordination and supervision of the capacity building program(s)/activities for the concerned staff to be implemented by the Contractor and/or outsourced capacity building entity, if requested by the MoH and the financiers.

Coordination of the implementation of the capacity building program(s).

### **Phase 1**

**The PMC services under the Phase 1 are aimed at supporting and assisting the MOH in the following tasks in the project implementation:**

#### **1.1 Supporting Project implementation**

- (i) Development of the Project Implementation Plan (PIP) and further implementation and monitoring of the PIP supporting EA in arranging payments that have been certified by the Consultant to ensure timely payment, compliance with the audit record system to ensure compliance with financial requirements and reporting requirements;
- (ii) ensuring that all reports required by Badea for the implementation of the project and the loan are presented in accordance with the schedule;
- (iii) Updating a Project Implementation Plan (PIP), acceptable to the EA and Badea, which shall be covering (i) detailed project program, indicating all activities and key events for project analysis, design, alignment, construction, commissioning operation, completion, etc.; (ii) project budget (detailed cost budget), as well as a cash flow forecast for the entire project, resources availability; (iii) updating project procurement plan etc.;
- (iv) Identification of the scope of initial development of the hospital supervision process.

#### **1.2 Supporting Project procurement**

- (i) ensuring all the procurement procedures are done in compliance with the Badea
- (ii) Guidelines for the Procurement of Goods, Works and Related Services under Badea Project Financing (April 2019 edition)
- (iii) providing advice to the EA on all aspects of the procurement activities;
- (iv) preparation of conceptual design (including performance specifications) as part of bidding documents for Two-Stage Bidding using International Competitive Bidding (ICB) procedure through post-qualification process, which includes, inter alia, proposed layout for the hospitals, flow of work through the hospital construction sites, detailed project specifications, option analysis, environmental control measures as determined from the environmental study;
- (v) preparation of bidding documents and Specific Procurement Notices under the ICB and other procedures including REoI and RFP for the selection of consultants (financial audit and other consultants) based on the Badea standard procurement documents;
- (vi) preparation of any required clarifications on the bidding documents and request for proposals after their issuance including queries raised by bidders/proposers and preparing draft responses to be distributed to all bidders/proposers. Where necessary, assist MOH, Directorate of Planning and Corporation Department in preparing draft amendment and clarifications to issued Bidding Document and RFPs;
- (vii) preparation of draft replies to the requests of the tender commission, organization for approval and issuance, fixing;
- (viii) arranging and holding site visits, pre-bid and clarification meetings for bidders;
- (ix) supporting EA in preparation and arranging of public opening of technical

- proposals and priced bids under the ICB, as well as public opening of the financial proposals under the selection of financial audit and drafting opening minutes;
- (x) evaluation of the first and second stage bidding and preparation of draft Evaluation Reports in accordance with the Bank's standard bid evaluation format. The PMC will also be required to assist in reviewing technical proposals (including Alternative technical proposals, if any) and to monitor and review all aspects of the designs proposed by the Bidders and the following tasks:
- review the revised technical and financial proposals;
  - carry out a technical audit of the design and contractors' shipbuilding layouts and construction proposals;
  - following submission of the first stage technical proposals, discuss with the Bidders the technical proposals and agree any changes in the preferred layout;
  - report to MOH DPC on potential optimization of the layout including economic opportunities for future;
  - advise MOH DPC on different options of use of various equipment on ships with comparative analysis.
- (xi) supporting EA in preparation of draft contract and conducting contract negotiations between the EA and contractors/consultants;
- (xii) preparing notification of intention to award and contract documents for contracts;
- (xiii) assisting the MOH DPC obtain the no-objection of the Bank, where required, to all procurement documentation which is subject to the Bank's no-objection;
- (xiv) supporting EA in contract administration.

### **1.3 Supporting capacity development**

Conducting needs assessment on capacity building for Mecanhelas & Ngauma District Hospitals

and preparing comprehensive report with concrete recommendations. Ideally the report should identify (1) any training (i.e. overseas, online training, certificates, on the job training) and/or capacity building activity to be delivered by the Hospital Construction Contractor during the implementation of the project and (2) general capacity building/trainings (i.e. overseas, online training, certificates, on the job training) to be delivered by the PMC and/or third party.

Based on the assessment, development of the capacity building program for the concerned staff of as indicated above.

### **Phase 2**

**Subsequent to the satisfactory completion of Phase 1 of the assignment, the PMC will be required to provide the following services under Phase 2 of the assignment.**

#### **2.1 Supervision of the Works**

The PMC shall perform the duties and authority of the Engineer as specified in or necessarily implied from the Contract as well as administer the Contract, dealing with situations in accordance with the contract, taking due regard of all relevant circumstances; the PMC shall perform his duties or act:

- proactively, where the initiative lies with the Engineer in administering the Contract;
- reactively, in response to the Contractor's or the Employer's requests; and
- passively, in observing the requirements of the Contract.

Wherever appropriate and not in conflict with the Contract, the PMC shall exercise every reasonable care to protect the interests of the Employer.

During the Construction stage the PMC will review the Contractor's proposals for

compliance with the Employer's Requirements and carry out any such proof checks as are necessary to meet the obligations of the Employer.

The main tasks and responsibilities will be to:

- carry out the duties of the PMC as required by the relevant clauses of Contract Conditions;
- regularly visit works in progress to observe the Contractor's work in progress for conformation of quality standards, safety construction manner and good installation practices;
- inspect and accurately record the progress of the works co-ordinate and monitor the work progress in relation to the planned schedules;
- determine the value of approved and accepted work and materials for interim and final payment in accordance with the method described in the works contracts;
- maintain an up-to-date financial record of all payments and projected costs and include in monthly, quarterly and final reports and in other appropriate reports;
- furnish timely assistance and direction to the Contractors in all matters regarding interpretation of the contract documents, control, quality control, testing and other matters related to contractual compliance;
- inform the Employer of any problems or potential problems which may arise in connection with the construction of the vessels and providing recommendations on possible solutions;
- witness and approve regular tests of materials and of completed works, and order additional tests if required;
- preparation of completion and handing over certificates, defects liability certificate and acceptance certificates in accordance with the conditions of contract;
- arrange for and participate in regular site meetings;
- check that performance of the works comply with the environmental protection requirements;
- ensuring that quality management procedures are undertaken effectively;
- inspect the works during the defects notification period when requested by the Employer.
- Report on the progress on monthly, quarterly and annual basis. Produce reports as required by the Badaea according to the templates shared.
- Assist the Executing Agency in selection of financial auditor.
- the consultant in collaboration with the EA begins development of the Contract Management Plan (CMP) as early as possible and the CMP should be completed when signing the contract or promptly after it. The CMP should be proportionate to the scope, value, complexity and duration of the contract.
- the consultant will share the CMP with the contractors and all parties involved in contract implementation, management, administration and governance. The consultant will assist MOH DCP to go through the CMP with the contractors to ensure that it is fully understood, especially the allocation of risks and responsibilities.
- the consultant will monitor and assess the implementation of the CMP by the contractor during implementation of the contract.

## **2.2 Approval of Contractor's Documents**

The PMC shall review and approve the Contractor's Documents as detailed in the Construction Bidding Documents and:

- review the relevant Contractor's documents prepared in English, Portuguese and other languages, as may be applicable according to the Law, to ensure that such documents are in accordance with the Employer's requirements, reference design, and technical

specifications as may be applicable. The Contractor's documents will comprise, but not be limited to, drawings, design reports, material specifications, test reports, construction schedule and general construction method statements;

- report to the Employer any non-compliance of any nature to the substance of the project, in particular its scope, objectives, arrangements, procedures and non-compliance, delay or other adverse consequences;
- at all times ensure that the design documents are commented upon and returned to the Contractor in accordance with the design submission schedule and the Contract.

### 3. Supporting the Capacity Development

Based on the capacity building needs assessment report prepared in Phase I, the consultant shall:

- a. provide technical advice and supervision on capacity building events to be implemented jointly with the Contractor, which may cover:
  - overall hospital and health management training to be conducted at t Mecanhelas & Ngauma District Hospitals he including the operation, health management, ICT equipment, all medical and laboratory equipment, outpatient clinic buildings, operating rooms, emergency services, obstetrics, nursery, the administration building, and service buildings including the pharmacy etc. (to be specified/detailed during the needs assessment,
  - special training on daily maintenance, periodical inspection, troubleshooting etc. for major testing on all ICT equipment, all medical and laboratory equipment, outpatient clinic buildings, operating rooms, emergency services, obstetrics, nursery, the administration building, and service buildings including the pharmacy respective manufacturers (to be specified/detailed during the needs assessment);
- b. conduct on-site assessment/evaluation on the performance of the Contractor on the operation and maintenance training and other necessary guidance during and after construction of vessels.

In case the MOH DCP wish to implement the other capacity building recommendations of the report, the consultant shall organize, coordinate and supervise capacity building events to be implemented by the third parties or itself. The various costs associated with the additional training/capacity building activities (i.e. online/offline course subscription fees, expert mobilization for specific topics, overseas training) will be borne by the TMRL upon agreement.

## 4. Reporting Requirements and Time Schedule for Deliverables

### 4.1 Reports and documents

No	Conclusion/Report	Deadlines
<b>A</b>	<b>Phase-1</b>	
1	Inception Report	44 days of the assignment commencement: (i) draft Report – 30 days; (ii) TMRL comments – 7 days; and (iii) final Inception Report – 7 days
2	Conceptual design as part of bidding documents for two-stage bidding under the ICB procedure	30 days of the assignment commencement

	including layout for the shipbuilding, flow of work through the shipyard, detailed project specifications, environmental control measures as determined from the environmental study etc.	
3	Final option of the conceptual design after review and corrections	10 days after receiving comments on the conceptual design
4	Draft bidding documents for two-stage bidding under the ICB procedure	10 days after completion of conceptual design
5	Final bidding documents for two-stage bidding under the ICB procedure	5 days after receiving comments on the bidding documents
6	Evaluation Report of first stage bidding results	60 days after the technical proposals submitted
7	Evaluation Report of second stage bidding results	30 days after the combined proposals submitted
8	Draft Contract with the Contractor	15 days after the approval of the Evaluation Report
9	Draft REoI and RFP for selection of financial audit	30 days of the assignment commencement
10	Technical Evaluation Report (TER)	15 days after the Technical Proposals submitted
11	Combined Evaluation Report (CER)	10 days after the Financial Proposals opening
12	Draft negotiated contract	15 days after the Bank's approval on the CER
11	Monthly reports	In 10 days after the end of each month
12	Final report	One month before the completion of Phase 1
<b>B</b>	<b>Phase-2</b>	
1	Needs assessment report on capacity building for Balkan Shipyard covering capacity building program	Within three months after contract signed between the MOH DPC and Contractor
2	Monthly Progress Reports	15 days after the end of each month after the start of the contract for construction works
3	Interim Reports on Defective Responsibility	15 days after the end of each quarter (during the period of defective responsibility)
4	Project Implementation Assessment and Support report as per the format of Badea	Once every 6 months or annually.
5	Reports on the Contract Completion and capacity building provided	30 days after the Acceptance Certificate
6	Draft Report on the Project Completion	30 days after the completion of the final contract and project
7	Final Report on the Project Completion	15 days after receiving comments on the draft report on the project completion

#### 4.2 Requirements for Reporting

The PMC shall prepare and submit to the Employer monthly progress reports (4 Copies in English, Portuguese). The first report shall cover the period up to the end of the first calendar month. Each monthly progress report shall include:

- a) brief summary information about any events or circumstances which, in the PMC's opinion, may create sufficient grounds for any time and/or cost overrun under the Contract and the PMC's recommendation of the measures being (or to be) adopted to overcome such events or circumstances and the contractual basis therefore;
- b) comparison in the form of a chart showing the Contractor's original cumulative cash flow estimate, in monthly periods, of all payments to which the Contractor would normally be entitled to under the Contract and the actual

payments certified by the PMC up to the end of the reporting period. In the event of the cumulative amount of the actual monthly payment certificates being lower than the Contractor's estimate, the PMC shall accompany the chart with a supporting report.

- c) comparison of the actual percentage completion of delivery compared with the planned for each critical path item identified in the PMC's work program report; where any delivery is behind the program the PMC shall give comments on the likely consequences and state the remedial action being (or to be) taken;
- d) photographs showing the status of shipbuilding progress on the shipyard;
- e) copies of quality assurance documents; test results and certificates of materials;
- f) copies of all notices, consents, approvals, certificates or determinations given or issued by the PMC within the reported period; and
- g) other information, as may be required by the Employer.

The Engineer shall prepare and submit to the Employer a Completion Report (4 copies in English, Russian and/or Turkmen) at the time of final completion of the works, 30 days prior to the end of the Defects Notification Period.

The Engineer shall prepare and submit to the Employer a Defects Notification Report (2 copies in Turkmen, Russian and 2 copies in English) at the time of final completion of the works, 45 days after the works have been inspected for the purposes of taking over.

Requirements for other deliverables will be agreed with MOH.

All reports submitted to MOH shall be submitted in the Portuguese and English Languages. The number of copies of each report that shall be submitted shall be agreed with MOH.

### **4.3 Other implementation arrangements**

The PMC will arrange their first visit to Mozambique within 4 weeks of appointment.

To facilitate the execution of the assignment, the PMC company will be required to establish an appropriately staffed project office in Maputo city, Mozambique.

## **5. Assignment Duration**

Phase-1: The estimated time for (i) preparation of conceptual design as part of the bidding document under the ICB two-stage bidding; (ii) needs assessment and development of the capacity building program for the concerned staff of ; and (iii) completion of the procurement phase will be twelve (12) months. Phase-1 will be based on a lump-sum payment against deliveries as defined in the terms of the Contract.

Phase-2: The time frame of the construction phase is twenty four (24) months, including twelve (12) months of liability for the defective period. Supervision of works will be based on the payment of the actual person-month, used at the rates specified in the contract. Similarly, reimbursable expenses will be compensated from the actual costs incurred.

### **5.1 Phase-2 Contract Management and Construction Supervision**

For the corresponding performance the Consultant provides:

- Consideration and approval of working drawings prepared by the contractor;
- Control of work and approval of all materials, methods of construction and manufacturing on a daily basis, in accordance with the contract(s);
- Providing expert advice on all aspects of ongoing work, in particular with regard to project oversight, measurement, contract monitoring and quality control;
- Ensuring proper programming, recording, measuring and recording of works using modern management and measurement methods;
- Monitoring the progress of the project by visiting sites and promptly informing the

Company of the details of any aspect that could jeopardize the progress of work, as well as any consequences that may affect the actual completion time, including the cost of works, and measures (or planned for use) taken to overcome such factors;

- Approval of the contractor's work program and the sources of construction materials and their characteristics.
- Issuance of documents for intermediate payments for the approval by EA and certification, quality, etc., Acts of hidden works, the completion of all or part of the works;
- Determine the value and time of the impact of the changes, analyze the new rates proposed by the Contractor and make recommendations to the EA with a view to accepting (as the case may be) the revised rates and issuing variation orders;
- Ensuring the implementation of measures aimed at reducing the impact on the environment and mitigating social consequences in the construction process, after the implementation of permanent works, in accordance with the requirements of the Badaea on the policy of protective measures in the field of ecology and social security;
- Implementation of a health and safety plan during the performance of works;
- Facilitate the achievement of agreements between the contractor and utility companies and the owners of the private facility located on the site;
- Participation in the intermediate and final acceptance of works;
- Approval of the final measurement and calculation after the completion of the contracts;
- Verification of executive drawings provided by the contractor;
- Recommendations to EA on all issues related to the implementation of the contract(s), including settlement of the contractor's claims;
- Preparation of the maintenance program;
- Inspection and verification visits on each contract during the warranty period;
- Performing other inspections, when necessary and provided for by contracts;
- Participation in the acceptance of the supplied equipment.

The Consultant must obtain prior approval from the EA before:

- Issuing any variation of the order with financial and temporary consequences, except in an emergency situation, when the EA approval must be received as soon as possible;
- Authorization of additional items, amounts or expenses;
- Subcontract approvals for any part of the works; and
- Approval of any extension of the completion time.

## **5.2 Payments and Accounts**

- Receive monthly or other interim financial statements from Contractors in accordance with contracts;
- After receiving applications from the Contractors, properly take into account all the comments;
- Check the Contractor's reporting in accordance with the relevant provisions of the contracts and resolve with contractors, as far as possible, all the mistakes and questions that may arise in connection therewith;
- Specify the amount that will be indicated in the statements of the Contractors in accordance with the contracts. In the terms stipulated in the provisions of the FIDIC contract, issue a certificate in the name of the Contractor and the Company, indicating the total amount paid by the Company to the Contractor.

## 6. Composition of the Team and Qualification Requirements for Key Experts

### 6.1 General Requirements

- Consulting firm is expected to have an extensive experience in similar type and size of the projects financed by the Badea or other IFIs, with proven knowledge of any MDB procurement process preferably Badea conditions of contract and procurement. In addition, the consulting firm should be aware of local legislation in the field of design and construction. Consulting firm should have experience;
- The Consultant should be provided with sufficiently qualified and experienced staff and support of a sufficient number of local professional staff to ensure proper project management, procurement services and construction supervision works. The Consultant's staff should consist of a key, non-key and support staff;
- To create a basis for evaluating the financial proposal, a minimum number of professional staff is proposed, and the total number of man/month is listed below, which provides a summary of key personnel/skills.
- The Consultant should ensure a sufficient number of support staff during the project implementation (IT specialist, Mechanical Engineer, Civil/Structural Engineer, Water/Sanitation Engineer, Electrical Engineer, secretary, office manager, driver, etc.);
- Deployment of professional experts within the Phase-2 should be done with prior consultations and consent of the Client in order to ensure a balanced assignment and depending on the progress of the contract.

### 6.2. Staff Qualification

On the basis of the above-mentioned requirements of the present regulations in terms of expertise and objectives, the Consultant is expected to create an advisory panel consisting of skilled professionals. Below are professional requirements to the proposed experts:

#### Key Experts:

#### Phase-1: Preparation of Conceptual Design, Bidding Document/Procedure and Capacity Building Program

No	Experts required	Position	Calculated labour (man/month)
K-1	Key	Project Director	12
K-2	Key	Engineer (Civil/Structural Engineer)	6
K-3	Key	Engineer (Electrical Engineer)	6
K-4	Key	Engineer (Mechanical Engineer)	6
K-5	Key	Engineer (ICT Engineer)	6
K-6	Key	Procurement Specialist	12
K-7	Key	Lawyer (Health Management Lawyer)/Contract Management	12
K-8	Key	Bio Medical Officer	

#### Phase-2: Construction Supervision

No	Experts required	Position	Calculated labour (man/month)
K-	Key	Project Manager	26

<b>1</b>			
<b>K-2</b>	Key	Engineer (Civil/Structural Engineer)	26
<b>K-3</b>	Key	Engineer (Electro Engineer)	26
<b>K-4</b>	Key	Engineer (Mechanical Engineer)	26
<b>K-5</b>	Key	Engineer (ICT Engineer)	26
<b>K-6</b>	Key	Mentoring and Evaluation Specialist	26
<b>K-7</b>	Key	Lawyer (Health Regulations/Contract Management)	26

<b>Expert</b>	<b>Required Qualification</b>
Project Director	<p><b>Education:</b> BS in project management health facilities-related field.</p> <p><b>Experience:</b> Has 15-year professional experiences in health facilities engineering. He/she has experienced as project manager/team leader for project management, coordination, monitoring and evaluation, as well as coordinating the works of a team of experts. He/she must be familiar with international regulations and guidelines for health facility construction. He/she preferably has experience as a project manager or assistant project management in MDBs financed projects. He/she has good communication skills in English. Knowledge of Portuguese is an advantage.</p> <p>He/she will attend to the all-over project management and relations to client and other project proponents. He/she will also handle the technical and administrative management of the consultancy group, oversees its performance and accomplishment and will conduct review and coordination of design documents. Must be physically fit during the entire duration of the Project. Additional duties and responsibilities of the Project Manager would be to support the team in communication between the GoM and Badea; directing, organizing and controlling the projects, to be the most responsible on the budgets, cash flows and preliminary schedules and to track the progress and quality of work being performed.</p>
Engineer (Mechanical)	<p><b>Education:</b> BS in Mechanical Engineering or in related field.</p> <p><b>Experience:</b> Has 10-year experience in marine engineering design, specification and cost estimate preparation and installation supervision of mechanical system, air conditioning systems, conveying system, energy supply system, water works sewerage treatment facilities, pumping systems, security facilities, etc. Must be physically fit during the entire duration of the Project.</p>
Engineer (Electrical)	<p><b>Education:</b> BS in electrical engineering or in related field.</p> <p><b>Experience:</b> Has 10-year experience in electrical engineering work, including preparation of technical specifications and supervision of installation of electrical system in health facilities. He/she shall be in-charge of the review of the designs to be submitted by the Contractor for the electrical engineering works and supervise the works, provide safety control of the electrical facilities as well as construction safety and all matter related to electrical works. He/she will likewise provide technical coordination for design and construction interface and be in-</p>

	<p>charge of all electrical related works during the conduct of value engineering. Must be physically fit during the entire duration of the Project.</p>
Engineer (Civil/Structural Engineer)	<p><b>Education:</b> BS in civil/ structural engineering or nautical science or in related field. <b>Experience:</b> Has 10-year experiences in designing, supervision of ship building projects or general operation of ships with good communication skills in English. He/she must be familiar with latest international regulations and guidelines for health Facilities. He/she will conduct site construction supervision in terms of hull construction, painting deck; commissioning and trials; identify non-conformance and report it to the engineers where necessary; monitor construction schedule regularly to the engineers. Must be physically fit during the entire duration of the Project.</p>
Engineer ()	<p><b>Education:</b> At least bachelor degree in ICT engineering or equivalent. <b>Experience:</b> Has 10-year experiences in ship building projects and good communication skills in English. He/she will be in charge site on site construction supervision in terms of machinery and electrical outfitting; commissioning and trials; identify non-conformance and report it to the engineers where necessary; monitor construction schedule regularly; comparing to planned schedule and report the progress regularly to the engineers. Must be physically fit during the entire duration of the Project.</p>
Procurement/Contract Management Specialist	<p><b>Education:</b> At least bachelor degree in engineering or equivalent. <b>Experience:</b> Has 10-year experiences in the preparation and evaluation of prequalification and tender documents using international competitive bidding procedures for bilateral or multilateral financed projects, and extensive experience in contract and document administration. Provide technical coordination for design specifications and contract administration during construction and maintenance period. He/she has good communication skills in English. Knowledge of Russian is an advantage. Must be physically fit during the entire duration of the Project.</p>
Lawyer (Health Regulations/ Management Lawyer)	<p><b>Education:</b> BS in law or in related field. <b>Experience:</b> Has 10-year experiences in jurisprudence including international practice. He/she must be familiar with latest international regulations and guidelines for shipbuilding. He/she has good communication skills in English. Knowledge of Portugese is an advantage. Must be physically fit during the entire duration of the Project.</p>

### **Support Staff:**

The Consultant must have a sufficient number of support staff during the assignment (translator, software experts, secretary, office manager, driver, etc.). The translator(s) should be well prepared, with excellent command of English and Turkmen/Russian.

### **7. Services and Facilities Submitted by the Client**

The Client will provide the following services:

- Provide a Consultant with access to all relevant reports, studies and other documents necessary for the implementation of the project. It will be provided free of charge, if the Client does not make additional costs to be reimbursed by the Consultant;
- Assist as much as possible, with entry into the country, and gain access to a visa;
- Assistance in organizing meetings and discussions with stakeholders, beneficiaries and local authorities at the request of the Consultant;
- Obtaining by the Consultant necessary projects, permits and approvals from the relevant authorities of Turkmenistan
- Provide a consultant with an office space only (by applying related charges, if applicable)
- The Client does not provide funds for equipment, communications, translation services, etc. The Consultant is expected to acquire the necessary equipment on his own.

Maputo, April 2026