



Liberia Integrated Fisheries Sector Strengthening Project (LIFSSP)

National Fisheries & Aquaculture Authority

P. O. Box 10-1384

United Nations Drive, Bushrod Island

1000 MONROVIA 10, LIBERIA

REQUEST FOR EXPRESSION OF INTEREST (REOI) (Consulting Services – Firm Selection)

Country: Liberia

Name of Project: Liberia Integrated Fisheries Sector Strengthening Project (LIFSSP)

Loan No: I5809P

Date: September 2, 2026

Assignment Title: Consulting Services to Provide Detailed Engineering Design and Construction Supervision for the Modern Fish Processing Factory in Buchanan, Grand Bassa County

Reference No.: NAFAA/IFSSP/QCBS/002/2026

The National Fisheries and Aquaculture Authority (NaFAA) through the Government of Liberia has received financing support from the OPEC Fund for International Development (OPEC Fund) towards the implementation of the “Liberia Integrated Fisheries Sector Strengthening Project (LIFSSP)”, and intends to apply part of the proceeds towards eligible payment for the consulting services to provide detailed engineering design and construction supervision for the Modern Fish Processing Factory to be constructed in Buchanan, Grand Bassa County.

The consulting services (“the Services”) include the provision of comprehensive professional services for the detailed engineering design, preparation of bidding documents, procurement support, construction supervision, contract administration, and defects liability supervision for the construction of a Modern Fish Processing Factory in Buchanan, Grand Bassa County. The assignment is expected to be completed in a period of thirty-six (36) months after the signing of the Contract.

The detailed Terms of Reference (TOR) for the assignment can be found at the following websites:

a) www.nafaa.gov.lr

b) www.emansion.gov.lr

The National Fisheries and Aquaculture Authority (NaFAA), executing agency of the LIFSS Project, now invites eligible consulting firms to indicate their interest in performing the Services. Interested firms should provide information demonstrating that they have the required

qualifications and relevant experience to perform the Services (brief corporate profile, description of similar assignments, experience in similar conditions, availability of appropriate skills, etc.)

The shortlisting criteria are:

- Strong corporate track record — minimum 10 years in engineering consultancy including design and supervision of complex infrastructure projects and experience managing multidisciplinary engineering assignments involving architectural, civil, structural, mechanical, electrical, and environmental/social disciplines.
- At least 3 comparable industrial projects completed/substantially completed in the past 10 years.
- Relevant fish-processing/cold-chain expertise, with at least 2 such projects preferred.
- Full design and construction-supervision capability, including industrial equipment, MEP, commissioning, contracts, QA, and claims.
- Strong E&S and international-project experience, plus preferably experience in Liberia/West Africa or a suitable local/regional partner.

The attention of interested Consultants is drawn to Section G and Appendix II of the OPEC Fund's Principles of Procurement of Goods, Works and Services dated June 2023, setting forth the OPEC Fund's policy on conflict of interest.

Consultants may associate with other firms to enhance their qualifications, but should indicate clearly whether the association is in the form of a joint venture and/or a sub-consultancy. In the case of a joint venture, all the partners in the joint venture shall be jointly and severally liable for the entire contract, if selected.

A Consultancy Firm will be selected in accordance with the Quality and Cost Based Selection (QCBS) method set out in the Procedures for the Procurement of Consulting Services dated April 2023.

Further information can be obtained at the address below during office hours, i.e. 0900 to 1600 hours GMT.

Expressions of interest must be delivered in a written form to the address below (in person, or by mail, or by fax, or by e-mail) by Thursday, October 1, 2026 @ 4:00PM GMT:

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National Fisheries & Aquaculture Authority

P. O. Box 10-1384

United Nations Drive, Bushrod Island

1000 MONROVIA 10, LIBERIA

TERMS OF REFERENCE (ToR)

For the provision of **Consultancy Services for the Provision of Detailed Engineering Design and Construction Supervision for the Construction of a Modern Fish Processing Factory in Buchanan, Grand Bassa County**

Under the

Liberia Integrated Fisheries Sector Strengthening Project (LIFSSP)

Project ID: I5809P

Reference No.: NAFAA/IFSSP/QCBS/002/2026

August 2026

1. Background

The Government of Liberia (GoL), through the National Fisheries and Aquaculture Authority (NaFAA), is implementing the Liberia Integrated Fisheries Sector Strengthening Project (LIFSSP) with financial support from the OPEC Fund for International Development. The Project seeks to improve fisheries governance, strengthen fisheries value chains, enhance climate resilience, promote sustainable management of marine and inland fisheries resources, and increase employment and income opportunities within coastal fishing communities.

The fisheries sector contributes significantly to food security, nutrition, employment and livelihoods in Liberia. Marine fisheries alone provide direct and indirect employment for thousands of Liberians while serving as an important source of affordable animal protein. Despite the country's abundant fisheries resources, inadequate post-harvest infrastructure, weak cold chain systems, poor processing facilities, and limited compliance with international food safety standards continue to constrain sector growth and market competitiveness.

Post-harvest losses remain high due to inadequate handling, processing, storage, and transportation facilities. Traditional fish smoking and drying methods often produce inconsistent product quality while exposing processors to occupational health hazards and environmental pollution. Existing landing sites lack integrated hygienic processing infrastructure capable of meeting national and international sanitary requirements.

To address these constraints, the Government intends to construct a **Modern Fish Processing Factory in Buchanan, Grand Bassa County**. The facility will serve as a regional fish processing and value-addition hub, providing hygienic fish handling, grading, processing, packaging, cold storage, ice production, quality control laboratories, waste management systems, and administrative facilities. The factory is expected to improve fish quality, reduce post-harvest losses, increase value addition, facilitate domestic and export market access, create employment opportunities, and enhance the overall competitiveness of Liberia's fisheries sector.

The proposed facility will incorporate internationally recognized standards for food safety, occupational health and safety, environmental sustainability, energy efficiency, climate resilience, and operational efficiency. The design shall consider future expansion and integration with existing fisheries infrastructure, including landing sites, cold chain logistics, and transportation networks.

To ensure that the facility is designed and constructed in accordance with international engineering standards, food safety requirements, environmental and social safeguards, the OPEC Fund ESG Policy, the World Bank Environmental and Social Standards (ESS2,3,4,5,6,8 and 10) including the Project's approved E&S instruments, applicable national requirements, and Good International Industry Practice (GIIP), NaFAA intends to engage a qualified multidisciplinary consulting firm to undertake the detailed engineering design and construction supervision services.

2. Project Description

The proposed Modern Fish Processing Factory will be located in Buchanan, Grand Bassa County, and will serve artisanal and semi-industrial fisheries operating along Liberia's central coastline.

The facility is expected to include, but not necessarily be limited to, the following components: **Fish Receiving Area, Processing Area, Cold Chain Facilities, Quality Assurance Facilities, Utilities, Administrative Facilities, Staff Facilities, External Works, etc.**

3. Objectives of the Assignment

3.1 General Objective

The overall objective is to engage a qualified consulting firm to provide comprehensive professional services for the detailed engineering design, preparation of bidding documents, procurement support, construction supervision, contract administration, and defects liability supervision for the construction of the Modern Fish Processing Factory in Buchanan.

3.2 Specific Objectives

The Consultant shall:

1. Review existing site information, data, including the geotechnical data in the ESIA report and the feasibility study report. In addition to reviewing the existing ESIA, the Consultant shall confirm that the detailed design remains consistent with the ESIA/ESMP and other applicable E&S instruments, identify any material design changes or impacts that have not been adequately assessed, and advise NaFAA where updates or supplementary assessment/mitigation measures are required.
2. Prepare detailed architectural and engineering designs.
3. Integrate modern fish processing technologies.
4. The Consultant shall ensure that all applicable ESIA/ESMP and other Project E&S requirements are incorporated into the drawings, technical specifications, BoQ, and construction bidding and contract documents. Particular attention shall be given to wastewater/effluent treatment, fish and organic waste management, hazardous materials and refrigerants, drainage, water and energy efficiency, occupational health and safety, fire/life safety, and emergency arrangements. The bidding and contract documents shall also require the Contractor to prepare and implement a C-ESMP and relevant subsidiary management plans, with all E&S measures requiring specific resources appropriately reflected in the BoQ and contract pricing.
5. Ensure compliance with the Project's Environmental and Social Framework (ESF), Liberia environmental regulations, HACCP principles, Codex Alimentarius, ISO 22000 Food Safety Management Systems, International Building Code (IBC) and Applicable Liberian construction standards.
5. Prepare complete tender documentation suitable for international competitive procurement.
6. Support the Client during procurement of the Contractor. Prior to commencement of the relevant construction activities, the Supervising Consultant shall review and recommend approval

of the Contractor's C-ESMP and associated plans, including as relevant OHS, labor/worker GRM, waste and hazardous materials, pollution prevention, traffic/community health and safety, emergency response, Code of Conduct/SEA-SH, and chance-find arrangements.

7. Supervise construction works. The supervision should include routine site inspections, monitoring against the ESIA/ESMP and approved C-ESMP, identification and tracking of non-compliances/corrective actions, monitoring of worker and community grievances, and inclusion of E&S performance and key issues in the Consultant's regular progress reports.
8. Administer the construction contract.
9. Certify contractor payments.
10. Monitor construction quality.
11. Ensure compliance with approved designs.
12. Ensure environmental, social, health and safety compliance. The Consultant shall immediately notify NaFAA of serious E&S incidents, including fatalities/serious injuries, significant environmental incidents and other material E&S events, and support investigation, corrective action and reporting to OPEC Fund as required.
13. Monitor construction progress.
14. Manage defects during the Defects Liability Period.
15. Produce as-built documentation and project completion reports.

4. Scope of Services

The Consultant shall perform the assignment in five phases.

Phase I – Site Investigations and Feasibility Confirmation

The Consultant shall review the feasibility study report and ESIA report including the preliminary design and or undertake all investigations where necessary to support the detailed design. The Consultant is expected to review the capacity assumptions in the feasibility study report and verify them, and confirm the approved design capacity and/or recommend appropriate alternatives with the client before starting with detailed design. All related systems, including processing equipment, cold storage, ice production, power, water, wastewater and utilities, shall be recalculated and aligned with the approved capacity.

The Consultant shall also review **and validate** the key site constraints and risks identified in the feasibility study and ESIA reports including the availability and sufficiency of the land, the 50 m coastal setback, low site elevation, shallow groundwater, flooding/drainage and marine corrosion etc.

Phase II – Detailed Engineering Design

Following the Client's approval of the preferred conceptual design, the Consultant shall undertake complete detailed engineering design services for the proposed Modern Fish Processing Factory. The detailed design shall be suitable for construction and procurement under a Design and Supervision contracting arrangement and shall comply with applicable Liberian laws, relevant OPEC Fund environmental and social requirements, applicable HACCP, GHP/GMP and Codex principles and Good International Industry Practice (GIIP).

The Consultant shall ensure that the design provides a modern, efficient, hygienic, climate-resilient, energy-efficient, and environmentally sustainable fish processing facility capable of meeting national and international food safety requirements. The design shall include fish receiving and grading, processing areas, product and personnel flows, hygiene zoning, refrigeration and cold-chain systems, ice production, power and backup power, water supply, drainage and wastewater treatment, solid waste and by-product management, processing equipment and associated utilities.

The Consultant shall coordinate all engineering disciplines to produce an integrated design package with no conflicts among architectural, structural, civil, mechanical, electrical, plumbing, refrigeration, ICT, and process engineering systems.

This phase shall culminate in the submission of a **complete Detailed Engineering Design Package** suitable for tendering and construction, including signed and sealed drawings, design calculations, technical specifications, Bills of Quantities, Engineer's Cost Estimate, and all supporting reports. The design shall be coordinated across all disciplines to eliminate conflicts and ensure readiness for procurement.

Phase III – Preparation of Tender Documents and Procurement Support Services

Preparation of Tender Documents

Following the Client's approval of the Detailed Engineering Design, the Consultant shall prepare complete procurement documentation for the construction of the Modern Fish Processing Factory. The tender documents shall be comprehensive, internally consistent, and suitable for procurement under the OPEC Fund Principles for the Procurement of Goods, Works and Services and the applicable Standard Bidding Documents.

The Consultant shall ensure that the bidding documents are clear, unambiguous, technically sound, and facilitate fair competition while minimizing the risk of contractual disputes during implementation.

The Consultant shall coordinate with the Client to ensure that the tender documents are consistent with the approved project scope, engineering designs, environmental and social requirements, budget estimates, and implementation schedule.

The Consultant shall revise the tender documents as necessary to address comments from the Client and the OPEC Fund and shall obtain final approval prior to commencement of the procurement process.

Procurement Support Services

Following approval of the tender documents, the Consultant shall provide technical and professional support to the Client throughout the procurement process for the selection of the Contractor responsible for constructing the Modern Fish Processing Factory. The procurement support services shall be carried out in accordance with the **OPEC Fund's Principles for Procurement of Goods, Works and Services**, and the applicable **Standard Bidding Documents**.

The Consultant shall act solely in an advisory and technical capacity. The Client shall remain responsible for all procurement decisions, approvals, notifications, and contract award.

The Consultant shall ensure that the procurement process is transparent, competitive, fair, and capable of delivering value for money while maintaining confidentiality throughout the evaluation process.

The Consultant shall remain available to provide additional technical advice to the Client until the construction contract has been signed and the Contractor has successfully mobilized to site.

Phase IV – Construction Supervision and Contract Administration

Upon commencement of the construction works, the Consultant shall provide full-time professional construction supervision, contract administration, quality assurance, environmental and social (E&S) supervision, and engineering support services to ensure that the Modern Fish Processing Factory is constructed in accordance with the approved contract documents, applicable laws and regulations of Liberia, the applicable Environmental and Social Framework (ESF), Good International Industry Practice (GIIP), and the required quality, cost, time, safety, and environmental standards.

The Consultant shall serve as the **Engineer's Representative (Supervising Consultant)** under the Conditions of Contract. In this role, the Consultant will administer the construction contract in line with the applicable provisions specified in the bidding documents. The Consultant shall supervise all works, systems, and equipment, including testing and commissioning, and shall verify the completeness of operation and maintenance manuals, warranties, and as-built documentation prior to turning-Over to the client.

The Consultant shall exercise due diligence, impartiality, and professional judgment while protecting the interests of the Client and ensuring the Contractor fulfills all contractual

All reports shall be submitted in both hard copy and editable electronic formats and shall include narrative summaries, progress photographs, updated implementation schedules, financial status, key performance indicators, environmental and social compliance status, risks, issues requiring Client action, and recommendations for timely project delivery.

Phase V – Defects Liability Period Supervision and Final Completion

The Consultant shall be responsible for supervising and administering the completion of the construction and equipping of the fish processing facility in accordance with the approved designs, specifications, applicable standards, and contractual requirements. The Consultant's services shall continue through the completion and handover of the facility and throughout the twelve (12) month Defects Liability Period, including the identification, notification, monitoring, and verification of the correction of any defects arising during such period.

5. Detailed Deliverables

The Consultant shall prepare and submit all deliverables necessary to complete the assignment in accordance with the approved work plan and implementation schedule. All deliverables shall be prepared in English and submitted in both hard copy and editable electronic formats. Unless otherwise specified, reports shall be submitted in **five (5) hard copies**, one (1) reproducible master copy, and editable electronic versions in Microsoft Office-compatible formats, AutoCAD/Revit (or other agreed CAD/BIM software), PDF, and native software files.

All reports, drawings, calculations, specifications, and other documents shall be reviewed internally by the Consultant and signed and sealed by the appropriate licensed professionals prior to submission.

The Consultant shall revise and resubmit deliverables to address comments received from the Client, the Project Implementation Unit (PIU), and the OPEC Fund, as applicable.

5.1 Deliverables

- a. **Project Inception, Investigations & Design** to include inception planning, site investigations, surveys, feasibility assessments, preliminary and detailed engineering designs, calculations, drawings, specifications, and climate, environmental and social considerations.
- b. **Costing, Tendering & Procurement Support** to include Bills of Quantities, Engineer's cost estimates, tender documentation, procurement support, bid clarifications, pre-bid activities, technical evaluations, and contract finalization assistance.
- c. **Construction Supervision & Project Monitoring** to include construction supervision, quality assurance/control, progress and financial reporting, payment certification, risk management, environmental and social compliance, occupational health and safety monitoring, and stakeholder coordination.
- d. **Completion, Defects Management & Final Reporting** to include testing and commissioning, practical completion and taking-over support, defects liability period inspections, corrective action and warranty monitoring, performance certification, and final project completion reporting.

5.2 Deliverable Review and Approval

The Client shall review each deliverable and provide consolidated comments within **seven (7) calendar days** of receipt. The Consultant shall address all comments and submit a revised version within **seven (7) calendar days**, unless otherwise agreed. Deliverables shall be deemed accepted upon the Client's written approval.

5.3 Ownership of Deliverables

All reports, drawings, specifications, calculations, models, digital files, Bills of Quantities, cost estimates, photographs, databases, and other documents prepared under this assignment shall become the property of the Client. The Consultant shall not reproduce, disclose, or use such documents for purposes unrelated to this assignment without the prior written consent of the Client, except where required by law or professional obligations. Electronic files shall be provided in editable formats together with PDFs, and all intellectual property rights in the deliverables shall vest in the Client upon acceptance and payment in accordance with the Contract.

6. Staffing Schedule and Key Experts

6.1 General

The Consultant shall provide a multidisciplinary team of qualified and experienced professionals with demonstrated expertise in the design, procurement support, construction supervision, and contract administration of industrial food processing facilities, fish processing plants, cold chain infrastructure, or similar agro-industrial projects.

The Consultant shall mobilize qualified personnel for the duration of the assignment in accordance with the approved work plan. The proposed staffing shall be sufficient to ensure the timely and satisfactory completion of all services described in these Terms of Reference.

6.2 Key Experts

The Consultant shall provide, at a minimum, the following Key Experts.

Expert	Position	Qualification
KE - 1	Team Leader / Project Manager	Minimum Master's Degree in Civil Engineering, Structural Engineering, Construction Management, Project Management, or a related engineering discipline; Registered Professional Engineer with a recognized professional institution; Minimum 15 years of relevant professional experience; At least 10 years of experience in managing multidisciplinary engineering consultancy assignments; Experience as Team Leader or Project Manager on at least three (3) similar industrial, fisheries, food processing, or agro-processing infrastructure projects; Demonstrated experience with OPEC Fund, World Bank, African Development Bank, or other international development partner-funded infrastructure projects.
KE - 2	Senior Structural Engineer	Master's Degree in Structural Engineering; Registered Professional Engineer; Minimum 12 years of experience; Experience in industrial buildings and reinforced concrete structures.
KE - 3	Senior Civil Engineer	Bachelor's or Master's Degree in Civil Engineering; Registered Professional Engineer; Minimum 12 years of experience.
KE - 4	Environmental and Social Safeguard Specialist	Master's Degree in Environmental Science, Environmental Engineering, Natural Resources Management, Social Sciences, Sociology, Development Studies, Anthropology, Community Development, or related discipline or related field; Minimum 10 years of experience; Demonstrated experience implementing the applicable Environmental and Social Framework (ESF), including preparation or supervision of Environmental and Social Management Plans (ESMPs) The candidate should also have experience in implementing the applicable Environmental and Social Standards (ESSs), including labor management, stakeholder engagement, and grievance redress. The specialist is expected to be stationed at the site during the entire construction phase. It is very important to note that he/she level of effort is expected to cover the entirety of the construction phase and some part of the design phase for E&S inclusion.
KE - 5	Architect	Bachelor's or Master's Degree in Architecture; Registered Architect; Minimum 10 years of experience; Demonstrated experience in the design and supervision

		of industrial, food processing, agro-processing, or institutional facilities.
KE - 6	Fish Processing and Food Safety/HACCP Specialist	A Master's degree or equivalent in Food Science, Food Technology, Fisheries Science, Fish Processing Technology, Food Safety, Microbiology, or another relevant discipline from a recognized institution. A Bachelor's degree in a relevant field combined with substantial additional professional experience may be considered. Minimum eight (8) years of relevant professional experience in fish/seafood processing, food safety management, quality assurance, and HACCP systems. Professional certification or recognized training in HACCP , preferably based on Codex Alimentarius principles, with demonstrated practical application in fish and seafood processing facilities.
KE-7	Resident Engineer / Supervision Engineer	A Bachelor's degree in Civil Engineering, Structural Engineering, Construction Engineering, or another closely related engineering discipline from a recognized university. A Master's degree in a relevant engineering or construction management field will be an advantage. Be a registered/licensed Professional Engineer in the relevant jurisdiction, or hold an equivalent internationally recognized professional qualification. Have a minimum of ten (10) years of professional experience in the supervision and management of construction works, preferably including industrial, food-processing, fisheries, cold-storage, or other complex facilities.
KE-8	Quantity Surveyor / Cost Engineer	A Bachelor's degree in Quantity Surveying, Construction Economics, Cost Engineering, Civil Engineering, or another closely related discipline from a recognized university. A Master's degree in Quantity Surveying, Construction Management, Project Management, or a related field will be an advantage. Be a registered/licensed Quantity Surveyor, Cost Engineer, or equivalent professional , where such registration is applicable, or possess an internationally recognized professional qualification. Have a minimum of eight (8) years of relevant professional experience in quantity surveying, construction cost management, cost estimation, and contract administration.

6.3 Non-Key Experts

The Consultant shall engage, as necessary, appropriately qualified non-key experts to support the assignment and shall determine the number and level of effort of non-key experts necessary to ensure effective delivery of the assignment.

7. Client's Inputs and Responsibilities

The National Fisheries and Aquaculture Authority (NaFAA), through the Project Implementation Unit (PIU) of the **Liberia Integrated Fisheries Sector Strengthening Project (LIFSSP)**, shall serve as the Client and shall be responsible for the overall management and coordination of the assignment.

The Client shall provide strategic guidance, facilitate coordination with relevant government institutions and stakeholders, review and approve the Consultant's deliverables, and ensure that the Consultant has timely access to available project information required for the successful execution of the assignment.

The Consultant shall remain fully responsible for the quality, accuracy, completeness, and professional integrity of all services performed under this assignment, notwithstanding any review, comment, or approval by the Client or the OPEC Fund.

8. Consultant's Inputs and Responsibilities

The Consultant shall provide all professional, technical, administrative, and logistical resources necessary to perform the Services described in these Terms of Reference. The Consultant shall exercise the degree of skill, care, diligence, efficiency, and professional judgment expected of a qualified consulting firm experienced in the design and construction supervision of industrial food processing facilities and similar infrastructure financed by international development partners.

The Consultant shall perform the Services independently and impartially while safeguarding the interests of the Client and maintaining the highest standards of professional ethics and integrity.

9. Facilities and Services to be Provided by the Client

The Client shall provide reasonable assistance and facilitate access to available information, government institutions, stakeholders, and project sites to enable the Consultant to perform the Services efficiently.

Unless expressly stated otherwise in the Consultancy Contract, the Consultant shall be responsible for providing all personnel, office accommodation, equipment, transport, software, communication facilities, and other resources necessary for the execution of the assignment.

The facilities and services provided by the Client shall not relieve the Consultant of its contractual obligations or professional responsibilities under the Consultancy Contract.

10. Duration of the Assignment and Implementation Schedule

The Consultant shall provide professional services for the design, procurement support, construction supervision, testing and commissioning, and Defects Liability Period (DLP) supervision of the Modern Fish Processing Factory in Buchanan, Grand Bassa County.

The assignment is expected to be implemented over an **estimated period of thirty-six (36) months**, comprising the design phase, procurement support, construction supervision, testing and commissioning, and supervision during the Defects Liability Period. The actual duration may be adjusted by the Client depending on project implementation progress, procurement timelines, and construction performance.

The Consultant shall commence the Services upon receipt of the Notice to Proceed and shall mobilize its Key Experts in accordance with the approved Inception Report and staffing schedule.

10.1 Indicative Assignment Schedule

The assignment shall be implemented in the following phases:

Phase	Activity	Indicative Duration
Phase I	Inception, Data Collection, Site Investigations, Studies and Feasibility Confirmation	1 month
Phase II	Detailed Engineering Design	2 months
Phase III	Preparation of Tender Documents and Procurement Support	3 months
Phase IV	Construction Supervision, Contract Administration, ESHS Supervision, Testing and Commissioning	18 months
Phase V	Defects Liability Period (DLP) Supervision and Final Completion	12 months
Total Estimated Assignment Duration		36 months

The above schedule is indicative and may be revised by the Client to reflect project requirements and procurement outcomes.

11. Payment Schedule and Milestones

The Consultant shall be remunerated in accordance with the Consultancy Contract and the approved Financial Proposal. Payments shall be linked to the successful completion and acceptance of specific deliverables and milestones identified in these Terms of Reference.

Payments shall be made upon submission, review, and written acceptance of the relevant deliverables by the Client. The Client shall process payments in accordance with the payment provisions specified in the Consultancy Contract and applicable OPEC Fund procurement requirements.

The Consultant's remuneration shall include all costs associated with the performance of the Services.

11.1 Payment Methodology

The Consultancy Contract shall generally be structured as:

1. **Lump-Sum Payments** for design, procurement support, and defined deliverables; and
2. **Time-Based Payments** or agreed monthly payments for construction supervision and Defects Liability Period services, depending on the procurement approach adopted by the Client.

The final payment mechanism shall be confirmed during contract negotiations and reflected in the signed Consultancy Contract.

12. Qualification Requirements for the Consulting Firm

12.1 General Requirements

The Consultant shall be a legally registered and internationally recognized consulting firm, or a consortium of firms, with demonstrated experience in the planning, design, procurement support, and construction supervision of complex industrial infrastructure projects.

The firm shall possess proven technical capacity, financial capability, management systems, and specialized expertise required to successfully deliver the Services for the **Design and Construction Supervision of the Modern Fish Processing Factory in Buchanan, Grand Bassa County**.

The Consultant shall demonstrate experience in projects of comparable complexity, preferably involving Fish processing facilities, Seafood handling and cold chain infrastructure, Food processing plants, Industrial manufacturing facilities, Agro-processing facilities, Refrigeration and cold storage systems, Port, fisheries, or marine-related infrastructure or Public infrastructure projects financed by international development partners.

12.2 Corporate Experience Requirements

The Consultant shall demonstrate:

A. General Consulting Experience

The firm shall have at least **10 years of demonstrated experience** in engineering consultancy services, including design and supervision of complex infrastructure projects and experience managing multidisciplinary engineering assignments involving architectural, civil, structural, mechanical, electrical, and environmental/social disciplines.

B. Relevant Project Experience

The Consultant shall have successfully completed or substantially completed

- a. **Minimum of three (3) similar assignments within the last ten (10) years involving** Detailed engineering design and/or construction supervision of industrial facilities; and Project value of similar magnitude to the proposed fish processing factory.
- b. At least **two (2) projects** should preferably include one or more of the following: Fish processing plants, Seafood processing facilities, Cold storage facilities, Refrigeration-intensive food processing facilities, Ice plants, Fisheries infrastructure, Food-grade processing facilities.

These Projects shall demonstrate experience in Hygienic food processing environments, Cold chain systems, Industrial equipment installation, Wastewater management, Utility systems, Quality assurance and Commissioning and operational readiness.

C. Experience with Internationally Financed Projects

The Consultant shall demonstrate experience working on projects financed by international financial institutions or development partners and shall demonstrate familiarity with International procurement procedures, Environmental and Social Framework requirements, Contract administration procedures, Quality assurance requirements and Reporting obligations.

D. Experience in Design of Fish Processing and Cold Chain Facilities

The Consultant shall demonstrate specialized experience in designing facilities incorporating some or all of the features of a **Fish Processing Systems** or **Cold Chain Infrastructure**;

E. Construction Supervision Experience

The Consultant shall demonstrate experience providing construction supervision services for complex facilities involving Large civil works, Industrial buildings, Mechanical and electrical installations, Specialized equipment installation, Testing and commissioning, Contractor management and Contract administration.

The firm shall demonstrate capability in Reviewing contractor submissions, Quality control and inspection, Payment certification, Variation assessment, Claims evaluation, Progress monitoring and Defects management.

F. Environmental and Social Management Experience

The Consultant shall demonstrate experience in environmental and social management for infrastructure projects, including Preparation and implementation of Environmental and Social Management Plans, Construction Environmental and Social Management Plans (C-ESMPs), Occupational Health and Safety monitoring, Stakeholder engagement, Grievance mechanisms, Labor management, Community health and safety and Gender-based violence (GBV), Sexual Exploitation and Abuse (SEA), and Sexual Harassment (SH) risk management.

Experience applying the OPEC Fund ESG Policy, the World Bank Environmental and Social Standards (ESS2,3,4,5,6,8 and 10) including the Project's approved E&S instruments, applicable national requirements, and Good International Industry Practice (GIIP) or equivalent international safeguards framework shall be an advantage.

G. Local and Regional Experience

The Consultant shall demonstrate Experience working in Liberia, West Africa, or similar coastal developing country environments; Understanding of local construction practices and regulatory requirements; Experience coordinating with government agencies; Experience working under tropical coastal conditions, including High humidity, Coastal corrosion, Heavy rainfall and Limited infrastructure environments. Firms without direct Liberia experience are encouraged to partner with qualified Liberian or regional firms.

13.Procurement Method: Quality and Cost-Based Selection (QCBS)