



**REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE**  
**COMISSAO NACIONAL DE APROVISIONAMENTO**  
Rua dos Direitos Humanos, Dili, Timor-Leste

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# **REQUEST FOR PROPOSALS**

## **Consultancy Services for Pre-Front End Engineering Design (Pre-FEED) Study for LNG Plant TIMOR-LESTE**

**CONTRACT NO. : RFP/045/MPRM-2014**

**Issued on: July 2014**



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## PART I

### Section 1. Letter of Invitation

**RFP/045/MPRM-2014**

**16 JULY 2014**

1. The Government of Timor-Leste is inviting proposals from qualified consulting firms for the:  
**Pre-Front End Engineering Design (Pre-FEED) Study for LNG Plant**
2. Funding for these Services will be made from the Infrastructure Fund of the Government of the Democratic Republic of Timor-Leste.
3. The project is located in the southern coast of Timor-Leste near Beaçó (Cape Deilubun).
4. The Scope of Services covers the preparation of a Pre-FEED Study for setting up an onshore LNG liquefaction plant with an initial capacity of 5 MTPA and keeps a provision for expansion in the future. The purpose of the Pre-FEED study is expected to arrive at sufficiently accurate definition of the planned facilities and the estimation of capital and operating costs (CAPEX and OPEX). The Consultant shall consider any new design requirements based on, amongst others, technological advancements, up gradational needs and operational experience. The Consultant is to ensure that the engineering Pre-FEED sections are sufficiently detailed.
5. A firm will be selected under the **Quality- and Cost-Based Selection (QCBS)** procedures as described in the RFP Documents.
6. The bidding shall be conducted as a two envelope procedure, wherein the Technical Proposal and Financial Proposal shall be submitted together in separately-sealed envelopes.
7. Interested Consulting Firms may obtain further information from:  
**Mr. Rana Latif**  
*Sr. Procurement Specialist*  
*National Procurement Commission*  
*Rua dos Direitos Humanos, Dili, Timor-Leste*  
[rlatif@cna.gov.tl](mailto:rlatif@cna.gov.tl) copy to [rrillo@cna.gov.tl](mailto:rrillo@cna.gov.tl); and [gsharma@cna.gov.tl](mailto:gsharma@cna.gov.tl)
8. Participation in this bidding process is open to all interested international and national Consultants. The attention of interested Consultants is drawn to the qualification requirements detailed in the RFP.
9. The RFP is available free-of-charge to any interested Consultants (Local or International Consulting Firms) by sending a written request by email after which a PDF copy of the RFP will be sent also by email.
10. A pre-proposal conference will be held at **10:00 am** local time on **7 August 2014** at the same address specified above.
11. The proposals must be received in the Tender Box located at the same address specified above no later than **1500 hours** local time on **27 August 2014**. Late proposals will be rejected.
12. Technical Proposals will be opened immediately after the closing time for the submission of the proposals at the same address specified above in the presence of consultants who wish to attend.

**Aniceto Do Rosario**

Director, National Procurement Commission





## **Section 2. Instructions to Consultants and Data Sheet**

### **A. General Provisions**

#### **1. Definitions**

- (a) “Affiliate(s)” means an individual or an entity that directly or indirectly controls, is controlled by, or is under common control with the Consultant.
- (b) “Applicable Law” means the laws and any other instruments having the force of law in the Democratic Republic of Timor-Leste.
- (c) “Consultant” means a legally-established professional consulting firm or an entity that may provide or provides the Services to the Employer under the Contract.
- (d) “Contract” means a legally binding written agreement signed between the Employer and the Consultant and includes all the attached documents listed in its Clause 1 (the General Conditions of Contract (GCC), the Special Conditions of Contract (SCC), and the Appendices).
- (e) “Data Sheet” means an integral part of the Instructions to Consultants (ITC) Section 2 that is used to reflect specific country and assignment conditions to supplement, but not to over-write, the provisions of the ITC.
- (f) “Day” means a calendar day.
- (g) “Employer” means the implementing/ executing agency that signs the Contract for the Services with the selected Consultant.
- (h) “Experts” means, collectively, Key Experts, Non-Key Experts, or any other personnel of the Consultant, Sub-consultant or Joint Venture member(s).
- (i) “Government” means the government of the Employer’s country.
- (j) “Infrastructure Fund” is the fund established by the Democratic Republic of Timor-Leste to finance major infrastructure projects.
- (k) “IFI” means major International Financial Institutions which includes the World Bank, European Bank for Reconstruction and Development, Asian Development Bank, Inter-American Development Bank Group and African Development Bank Group.
- (l) “ITC” (this Section 2 of the RFP) means the Instructions to Consultants that provides the interested Consultants with all information needed to prepare their Proposals.
- (m) “Joint Venture (JV)” means an association with or without a legal personality distinct from that of its members, of more than one Consultant where one member has the authority to conduct all business for and on behalf of any and all the members of the JV, and where the members of the JV are jointly and severally liable

to the Employer for the performance of the Contract.

- (n) “Key Expert(s)” means an individual professional whose skills, qualifications, knowledge and experience are critical to the performance of the Services under the Contract and whose CV is taken into account in the technical evaluation of the Consultant’s proposal.
- (o) “LOI” (this Section 1 of the RFP) means the Letter of Invitation being advertised by the Employer.
- (p) “Non-Key Expert(s)” means an individual professional provided by the Consultant or its Sub-consultant and who is assigned to perform the Services or any part thereof under the Contract and whose CVs are not evaluated individually.
- (q) “Proposal” means the Technical Proposal and the Financial Proposal of the Consultant.
- (r) “RFP” means the Request for Proposals to be prepared by the Employer for the selection of Consultants, based on the SRFP.
- (s) “SRFP” means the Standard Request for Proposals, which must be used by the Employer as the basis for the preparation of the RFP.
- (t) “Services” means the work to be performed by the Consultant pursuant to the Contract.
- (u) “Sub-consultant” means an entity to whom the Consultant intends to subcontract any part of the Services while remaining responsible to the Employer during the performance of the Contract.
- (v) “TORs” (this Section 5 of the RFP) means the Terms of Reference that explain the objectives, scope of work, activities, and tasks to be performed, respective responsibilities of the Employer and the Consultant, and expected results and deliverables of the assignment.

## 2. Introduction

- 2.1 The Employer named in the **Data Sheet** intends to select a Consultant from those listed in the Letter of Invitation, in accordance with the method of selection specified in the **Data Sheet**.
- 2.2 The interested Consultants are invited to submit a Technical Proposal and a Financial Proposal, or a Technical Proposal only, as specified in the **Data Sheet**, for consulting services required for the assignment named in the **Data Sheet**. The Proposal will be the basis for negotiating and ultimately signing the Contract with the selected Consultant.
- 2.3 The Consultants should familiarize themselves with the local conditions and take them into account in preparing their Proposals, including attending a pre-proposal conference if one is specified in the **Data Sheet**. Attending any such pre-proposal conference is optional and is at the Consultants’ expense.

2.4 The Employer will timely provide, at no cost to the Consultants, the inputs, relevant project data, and reports required for the preparation of the Consultant's Proposal as specified in the **Data Sheet**.

**3. Conflict of Interest**

The Consultant is required to provide professional, objective, and impartial advice, at all times holding the Employer's interests paramount, strictly avoiding conflicts with other assignments or its own corporate interests, and acting without any consideration for future work.

The Consultant has an obligation to disclose to the Employer any situation of actual or potential conflict that impacts its capacity to serve the best interest of its Employer. Failure to disclose such situations may lead to the disqualification of the Consultant or the termination of its Contract and/or sanctions by the Employer.

Without limitation on the generality of the foregoing, and unless stated otherwise in the **Data Sheet**, the Consultant shall not be hired under the circumstances set forth below:

**a. Conflicting activities**

(i) Conflict between consulting activities and procurement of goods, works or non-consulting services: a firm that has been engaged by the Employer to provide goods, works, or non-consulting services for a project, or any of its Affiliates, shall be disqualified from providing consulting services resulting from or directly related to those goods, works, or non-consulting services. Conversely, a firm hired to provide consulting services for the preparation or implementation of a project, or any of its Affiliates, shall be disqualified from subsequently providing goods or works or non-consulting services resulting from or directly related to the consulting services for such preparation or implementation.

**b. Conflicting assignments**

(ii) Conflict among consulting assignments: a Consultant (including its Experts and Sub-consultants) or any of its Affiliates shall not be hired for any assignment that, by its nature, may be in conflict with another assignment of the Consultant for the same or for another Employer.

**c. Conflicting relationships**

(iii) Relationship with the Employer's staff: a Consultant (including its Experts and Sub-consultants) that has a close business or family relationship with a professional staff of the Employer who are directly or indirectly involved in any part of (i) the preparation of the Terms of Reference for the assignment, (ii) the selection process for the Contract, or (iii) the supervision of the Contract, may not be awarded a Contract, unless the conflict stemming from this relationship has been resolved in a manner acceptable to the Employer throughout the selection process and the execution of the Contract.

(iv) Any other types of conflicting relationships as indicated in the **Data Sheet**.

**4. Unfair**

Fairness and transparency in the selection process require that the

**Competitive Advantage**

Consultants or their Affiliates competing for a specific assignment do not derive a competitive advantage from having provided consulting services related to the assignment in question. To that end, the Employer shall indicate in the **Data Sheet** and make available to all interested Consultants together with this RFP all information that would in that respect give such Consultant any unfair competitive advantage over competing Consultants.

**5. Corrupt and Fraudulent Practices**

5.1 The Employer requires that consultants observe the highest standard of ethics during the selection process and in execution of contracts. In pursuance of this requirement, the Employer:

(a) defines, for the purposes of this provision, the terms set forth below as follows:

(i) “corrupt practice” means the offering, giving, receiving, or soliciting, directly or indirectly, anything of value to influence improperly the actions of another party;

(ii) “fraudulent practice” means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;

(iii) “coercive practice” means impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;

(iv) “collusive practice” means an arrangement between two or more parties designed to achieve an improper purpose, including influencing improperly the actions of another party;

(b) will reject a proposal for award if it determines that the consultant recommended for award has directly, or through an agent, engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the contract in question;

(c) will sanction a party or its successor, including declaring ineligible, either indefinitely or for a stated period of time, such party or successor from participation in Employer-financed or administered activities if it at any time determines that the consultant has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a contract; and

(d) will have the right to inspect the Consultant’s accounts and records and other documents relating to consultant selection and to the performance of the contract and to have them audited by auditors appointed by the Employer.

5.2 Consultants shall furnish information on fees, gratuities, rebates, gifts, commissions or other payments if any, paid or to be paid to agents and/or representatives relating to this proposal and during execution of the assignment, as requested in the Financial

Proposal Submission Form (Section 4).

**6. Eligibility**

**a. Sanctions**

6.1 A firm or an individual sanctioned by the Employer or by any International Financial Institution mentioned in ITC 1(k) shall be ineligible to be awarded a contract or to benefit from an Employer-financed contract, financially or otherwise, during such period of time as the Employer shall determine. The list of debarred firms and individuals is available at the electronic address specified in the **Data Sheet**.

**b. Restrictions for Government-owned Enterprises**

6.2 Government-owned enterprises or institutions in the Employer's country shall be eligible only if they can establish that they (i) are legally and financially autonomous, (ii) operate under commercial law, and (iii) that they are not dependent agencies of the Employer.

**c. Restrictions for public employees**

6.3 Government officials and civil servants may only be hired under consulting contracts, either as individuals or as members of a team of a consulting firm, if they (i) are on leave of absence without pay; (ii) are not being hired by the agency they were working for immediately before going on leave; and (iii) their employment would not create a conflict of interest).

**B. Preparation of Proposals**

**7. General Considerations**

7.1 In preparing the Proposal, the Consultant is expected to examine the RFP in detail. Material deficiencies in providing the information requested in the RFP may result in rejection of the Proposal.

**8. Cost of Preparation of Proposal**

8.1 The Consultant shall bear all costs associated with the preparation and submission of its Proposal, and the Employer shall not be responsible or liable for those costs, regardless of the conduct or outcome of the selection process. The Employer is not bound to accept any proposal, and reserves the right to annul the selection process at any time prior to Contract award, without thereby incurring any liability to the Consultant.

**9. Language**

9.1 The Proposal, as well as all correspondence and documents relating to the Proposal exchanged between the Consultant and the Employer, shall be written in the language(s) specified in the **Data Sheet**.

**10. Documents Comprising the Proposal**

10.1 The Proposal shall comprise the documents and forms listed in the **Data Sheet**.

10.2 The Consultant shall furnish information on commissions, gratuities and fees, if any, paid or to be paid to agents or any other party relating to this Proposal and, if awarded, Contract execution, as requested in the Financial Proposal submission form

(Section 4).

**11. Only One Proposal**

- 11.1 The Consultant (including the individual members of any Joint Venture) shall submit only one Proposal, either in its own name or as part of a Joint Venture in another Proposal. If a Consultant, including any Joint Venture member, submits or participates in more than one proposal, all such proposals shall be disqualified and rejected. This does not, however, preclude a Sub-consultant, or the Consultant's staff from participating as Key Experts and Non-Key Experts in more than one Proposal when circumstances justify and if stated in the **Data Sheet**.

**12. Proposal Validity**

- 12.1 The **Data Sheet** indicates the period during which the Consultant's Proposal must remain valid after the Proposal submission deadline.
- 12.2 During this period, the Consultant shall maintain its original Proposal without any change, including the availability of the Key Experts, the proposed rates and the total price.
- 12.3 If it is established that any Key Expert nominated in the Consultant's Proposal was not available at the time of Proposal submission or was included in the Proposal without his/her confirmation, such Proposal shall be disqualified and rejected for further evaluation, and may be subject to sanctions in accordance with Clause 5 of this ITC.

**a. Extension of Validity Period**

- 12.4 The Employer will make its best effort to complete the negotiations within the proposal's validity period. However, should the need arise, the Employer may request, in writing, all Consultants who submitted Proposals prior to the submission deadline to extend the Proposals' validity.
- 12.5 If the Consultant agrees to extend the validity of its Proposal, it shall be done without any change in the original Proposal and with the confirmation of the availability of the Key Experts.
- 12.6 The Consultant has the right to refuse to extend the validity of its Proposal in which case such Proposal will not be further evaluated.

**b. Substitution of Key Experts at Validity Extension**

- 12.7 If any of the Key Experts become unavailable for the extended validity period, the Consultant shall provide a written adequate justification and evidence satisfactory to the Employer together with the substitution request. In such case, a replacement Key Expert shall have equal or better qualifications and experience than those of the originally proposed Key Expert. The technical evaluation score, however, will remain to be based on the evaluation of the CV of the original Key Expert.
- 12.8 If the Consultant fails to provide a replacement Key Expert with equal or better qualifications, or if the provided reasons for the replacement or justification are unacceptable to the Employer,

such Proposal will be rejected.

- |   |  |
|---|--|
| <p><b>c. Sub-Contracting</b></p> <p><b>13. Clarification and Amendment of RFP</b></p> | <p>12.9 The Consultant shall not subcontract the whole of the Services unless otherwise indicated in the <b>Data Sheet</b>.</p> <p>13.1 The Consultant may request a clarification of any part of the RFP during the period indicated in the <b>Data Sheet</b> before the Proposals' submission deadline. Any request for clarification must be sent in writing, or by standard electronic means, to the Employer's address indicated in the <b>Data Sheet</b>. The Employer will respond in writing, or by standard electronic means, and will send written copies of the response (including an explanation of the query but without identifying its source) to all interested Consultants. Should the Employer deem it necessary to amend the RFP as a result of a clarification, it shall do so following the procedure described below:</p> <p>13.1.1 At any time before the proposal submission deadline, the Employer may amend the RFP by issuing an amendment in writing or by standard electronic means. The amendment shall be sent to all interested Consultants and will be binding on them. The interested Consultants shall acknowledge receipt of all amendments in writing.</p> <p>13.1.2 If the amendment is substantial, the Employer may extend the proposal submission deadline to give the interested Consultants reasonable time to take an amendment into account in their Proposals.</p> <p>13.1.3 The Consultant may submit a modified Proposal or a modification to any part of it at any time prior to the proposal submission deadline. No modifications to the Technical or Financial Proposal shall be accepted after the deadline.</p> |
| <p><b>14. Preparation of Proposals – Specific Considerations</b></p>                  | <p>14.1 While preparing the Proposal, the Consultant must give particular attention to the following:</p> <p>14.1.1 If an interested Consultant considers that it may enhance its expertise for the assignment by associating with other consultants in the form of a Joint Venture or as Sub-consultants, it may do so.</p> <p>14.1.2 The Employer may indicate in the <b>Data Sheet</b> the estimated Key Experts' time input (expressed in person-month) and the Employer's estimated total cost of the assignment. This estimate is indicative and the Proposal shall be based on the Consultant's own estimates for the same.</p> <p>14.1.3 If stated in the <b>Data Sheet</b>, the Consultant shall include in its Proposal at least the same time input (in the same unit as indicated in the <b>Data Sheet</b>) of Key Experts, failing which the Financial Proposal will be adjusted for the purpose of comparison of proposals and decision for</p>  |

award in accordance with the procedure in the **Data Sheet**.

14.1.4 Total available budget, with an indication whether it is inclusive or exclusive of taxes, is given in the **Data Sheet**, and the Financial Proposal shall not exceed this budget.

**15. Technical Proposal Format and Content**

15.1 The Technical Proposal shall not include any financial information. A Technical Proposal containing material financial information shall be declared non-responsive.

15.2 Depending on the nature of the assignment, the Consultant is required to submit a Full Technical Proposal (FTP) as indicated in the **Data Sheet** and using the Standard Forms provided in Section 3 of the RFP.

**16. Financial Proposal**

16.1 The Financial Proposal shall be prepared using the Standard Forms provided in Section 4 of the RFP. It shall list all costs associated with the assignment, including (a) remuneration for Key Experts and Non-Key Experts, (b) other expenses, (c) provisional sums when applicable and (d) contingency indicated in the **Data Sheet**.

**a. Price Adjustment**

16.2 Unless otherwise stated in the **Data Sheet**, price adjustment provision for foreign and/or local inflation for remuneration rates shall not apply.

**b. Taxes**

16.3 The Consultant and its Sub-consultants and Experts are responsible for meeting all tax liabilities arising out of the Contract unless stated otherwise in the **Data Sheet**. Information on taxes in the Employer's country is provided in the **Data Sheet**.

**c. Currency of Proposal**

16.4 The Consultant shall express the price for its Services in United States Dollars.

**d. Currency of Payment**

16.5 Payment under the Contract shall be made in United States Dollars.

**C. Submission, Opening and Evaluation**

**17. Submission, Sealing, and Marking of Proposals**

17.1 The Consultant shall submit a signed and complete Proposal comprising the documents and forms in accordance with Clause 10 (Documents Comprising Proposal). The submission can be done by mail or by hand. If specified in the **Data Sheet**, the Consultant has the option of submitting its Proposals electronically.

17.2 An authorized representative of the Consultant shall sign the original submission letters in the required format for both the Technical Proposal and, if applicable, the Financial Proposals and shall initial all pages of both. The authorization shall be in the form of a written power of attorney attached to the Technical Proposal.



- 17.2.1 A Proposal submitted by a Joint Venture shall be signed by all members so as to be legally binding on all members, or by an authorized representative who has a written power of attorney signed by each member's authorized representative.
- 17.3 Any modifications, revisions, interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Proposal.
- 17.4 The signed Proposal shall be marked "ORIGINAL", and its copies marked "COPY" as appropriate. The number of copies is indicated in the **Data Sheet**. All copies shall be made from the signed original. If there are discrepancies between the original and the copies, the original shall prevail.
- 17.5 The original and all the copies of the Technical Proposal shall be placed inside of a sealed envelope clearly marked "**TECHNICAL PROPOSAL**", "[Name of the Assignment]", reference number, name and address of the Consultant, and with a warning "**DO NOT OPEN UNTIL [INSERT THE DATE AND THE TIME OF THE TECHNICAL PROPOSAL SUBMISSION DEADLINE]**."
- 17.6 Similarly, the original Financial Proposal (if required for the applicable selection method) shall be placed inside of a sealed envelope clearly marked "**FINANCIAL PROPOSAL**" followed by the name of the assignment, reference number, name and address of the Consultant, and with a warning "**DO NOT OPEN WITH THE TECHNICAL PROPOSAL**."
- 17.7 The sealed envelopes containing the Technical and Financial Proposals shall be placed into one outer envelope and sealed. This outer envelope shall bear the submission address, RFP reference number, the name of the assignment, Consultant's name and the address, and shall be clearly marked "**DO NOT OPEN BEFORE** [insert the time and date of the submission deadline indicated in the Data Sheet]".
- 17.8 If the envelopes and packages with the Proposal are not sealed and marked as required, the Employer will assume no responsibility for the misplacement, loss, or premature opening of the Proposal. For QCBS, FBS and LCS, if the Technical and Financial Proposals are not submitted in separate sealed envelopes as required, the Employer shall reject the Proposal.
- 17.9 The Proposal or its modifications must be sent to the address indicated in the **Data Sheet** and received by the Employer no later than the deadline indicated in the **Data Sheet**, or any extension to this deadline. Any Proposal or its modification received by the Employer after the deadline shall be declared late and rejected, and promptly returned unopened.

## **18. Confidentiality**

- 18.1 From the time the Proposals are opened to the time the Contract is awarded, the Consultant should not contact the Employer on

any matter related to its Technical and/or Financial Proposal. Information relating to the evaluation of Proposals and award recommendations shall not be disclosed to the Consultants who submitted the Proposals or to any other party not officially concerned with the process, until the publication of the Contract award information.

18.2 Any attempt by interested Consultants or anyone on behalf of the Consultant to influence improperly the Employer in the evaluation of the Proposals or Contract award decisions may result in the rejection of its Proposal.

18.3 Notwithstanding the above provisions, from the time of the Proposals' opening to the time of Contract award publication, if a Consultant wishes to contact the Employer on any matter related to the selection process, it should do so only in writing.

## **19. Opening of Technical Proposals**

19.1 The Employer's evaluation committee shall conduct the opening of the Technical Proposals in the presence of the interested Consultants' authorized representatives who choose to attend (in person, or online if this option is offered in the **Data Sheet**). The opening date, time and the address are stated in the **Data Sheet**. The envelopes with the Financial Proposal shall remain sealed and shall be securely stored with a reputable public auditor or independent authority until they are opened in accordance with Clause 23 of the ITC.

19.2 At the opening of the Technical Proposals the following shall be read out: (i) the name and the country of the Consultant or, in case of a Joint Venture, the name of the Joint Venture, the name of the lead member and the names and the countries of all members; (ii) the presence or absence of a duly sealed envelope with the Financial Proposal; (iii) any modifications to the Proposal submitted prior to proposal submission deadline; and (iv) any other information deemed appropriate or as indicated in the **Data Sheet**.

## **20. Proposals Evaluation**

20.1 Subject to provision of Clause 15.1 of the ITC, the evaluators of the Technical Proposals shall have no access to the Financial Proposals until the technical evaluation is concluded.

20.2 The Consultant is not permitted to alter or modify its Proposal in any way after the proposal submission deadline except as permitted under Clause 12.7 of this ITC. While evaluating the Proposals, the Employer will conduct the evaluation solely on the basis of the submitted Technical and Financial Proposals.

20.3 From the time the proposals are received by the Employer to the time that the Contract is awarded, the Employer shall not request the Consultant to provide clarification on any matter related to the Consultant's Technical or Financial Proposal.

## **21. Evaluation of Technical Proposals**

21.1 The Employer's evaluation committee shall evaluate the Technical Proposals on the basis of their responsiveness to the Terms of Reference and the RFP, applying the evaluation criteria,

sub-criteria, and point system specified in the Summary and Personnel Evaluation Sheet attached to the **Data Sheet**. Each responsive Proposal will be given a technical score. A Proposal shall be rejected at this stage if it does not respond to important aspects of the RFP or if it fails to achieve the minimum technical score indicated in the **Data Sheet**.

## **22. Public Opening of Financial Proposals**

- 22.1 After the technical evaluation is completed, the Employer, in accordance with the Applicable Law, shall open the Financial Proposals of only the first-ranked and second-ranked Consultants based on the technical evaluation scores. The Employer shall notify in writing these Consultants that have achieved the top two scores and inform them of the date, time and location for the opening of the Financial Proposals. The opening date should allow the Consultants sufficient time to make arrangements for attending the opening. The Consultant's attendance at the opening of the Financial Proposals (in person, or online if such option is indicated in the Data Sheet) is optional and is at the Consultant's choice. Consultants whose Proposals do not belong to the two top ranks and Consultants whose Proposals were considered non-responsive to the RFP and TOR or did not meet the minimum qualifying technical score shall, after completion of the selection process and Contract signing, be notified of the results of the evaluation process, and their Financial Proposals will be returned unopened,
- 22.2 The Financial Proposals shall be opened by the Employer's evaluation committee in the presence of the representatives of those Consultants whose proposals are first-ranked and second-ranked. At the opening, the names of the Consultants, and the overall technical scores shall be read aloud. The Financial Proposals will then be inspected to confirm that they have remained sealed and unopened. These Financial Proposals shall be then opened, and the total prices read aloud and recorded. Copies of the record shall be sent to these Consultants and to the Employer.

## **23. Correction of Errors**

- 24.1 Activities and items described in the Technical Proposal but not priced in the Financial Proposal, shall be assumed to be included in the prices of other activities or items, and no corrections are made to the Financial Proposal.
- 24.2 For a Lump-Sum contract, the Consultant is deemed to have included all prices in the Financial Proposal, so neither arithmetical corrections nor price adjustments shall be made. The total price, net of taxes understood as per Clause ITC 25 below, specified in the Financial Proposal (Form FIN-1) shall be considered as the offered price.

## **24. Taxes**

- 24.1 All taxes are deemed included in the Consultant's Financial proposal, and, therefore, included in the evaluation.

- 25. Combined Quality and Cost Evaluation**
- 25.1 In the case of QCBS, the total score is calculated by weighting the technical and financial scores and adding them as per the formula and instructions in the **Data Sheet**. The Consultant achieving the highest combined technical and financial score will be invited for negotiations.

#### **D. Negotiations and Award**

- 26. Negotiations**
- 26.1 The negotiations will be held at the date and address indicated in the **Data Sheet** with the Consultant's representative(s) who must have written power of attorney to negotiate and sign a Contract on behalf of the Consultant.
- 26.2 The Employer shall prepare minutes of negotiations that are signed by the Employer and the Consultant's authorized representative.
- a. Availability of Key Experts**
- 26.3 The invited Consultant shall confirm the availability of all Key Experts included in the Proposal as a pre-requisite to the negotiations, or, if applicable, a replacement in accordance with Clause 12 of the ITC. Failure to confirm the Key Experts' availability may result in the rejection of the Consultant's Proposal and the Employer proceeding to negotiate the Contract with the next-ranked Consultant.
- 26.4 Notwithstanding the above, the substitution of Key Experts at the negotiations may be considered if due solely to circumstances outside the reasonable control of and not foreseeable by the Consultant, including but not limited to death or medical incapacity. In such case, the Consultant shall offer a substitute Key Expert within the period of time specified in the letter of invitation to negotiate the Contract, who shall have equivalent or better qualifications and experience than the original candidate.
- b. Technical negotiations**
- 26.5 The negotiations include discussions of the Terms of Reference (TORs), the proposed methodology, the Employer's inputs, the special conditions of the Contract, and finalizing the "Description of Services" part of the Contract. These discussions shall not substantially alter the original scope of services under the TOR or the terms of the contract, lest the quality of the final product, its price, or the relevance of the initial evaluation be affected.
- c. Financial negotiations**
- 26.6 The negotiations include the confirmation of the Consultant's tax liability in the Employer's country and all taxes are deemed included in the Consultant's Financial proposal.
- 26.7 If the selection method included cost as a factor in the evaluation, the total price stated in the Financial Proposal for a Lump-Sum contract shall not be negotiated.
- 27. Conclusion of Negotiations**
- 27.1 The negotiations are concluded with a review of the finalized draft Contract, which then shall be initialed by the Employer and the Consultant's authorized representative.
- 27.2 If the negotiations fail, the Employer shall inform the Consultant

in writing of all pending issues and disagreements and provide a final opportunity to the Consultant to respond. If disagreement persists, the Employer shall terminate the negotiations informing the Consultant of the reasons for doing so. The Employer will then invite the next-ranked Consultant to negotiate a Contract. Once the Employer commences negotiations with the next-ranked Consultant, the Employer shall not reopen the earlier negotiations.

- 28. Award of Contract**
- 28.1 After completing the negotiations the Employer shall sign the Contract; publish the award information as per the instructions in the **Data Sheet**.
- 28.2 The Consultant is expected to commence the assignment on the date and at the location specified in the **Data Sheet**.

## E. Data Sheet

A. General	
ITC Clause Reference	
1(h)	<p>International Experts are experts who are not citizens of the Employer's Country and with international experience in their fields of expertise.</p> <p>National experts mean experts who are citizens of the Employer's country. Nationals of the Employer's country who possess the appropriate international experience may be considered for assignments that require international expertise. The international experience that is required for a particular assignment will be defined and described in the pertinent TOR.</p>
2.1	<p><b>Name of the Employer: Ministry of Petroleum and Mineral Resources (MPRM) on behalf of the Democratic Republic of Timor-Leste</b></p> <p><b>Method of selection: <u>QUALITY- AND COST –BASED SELECTION (QCBS)</u></b></p>
2.2	<p><b>Financial Proposal to be submitted together with Technical Proposal: Yes</b></p> <p><b>The name of the assignment is:</b> Consultancy Services for Pre-Front End Engineering Design (Pre-FEED) Study for LNG Plant TIMOR-LESTE</p>
2.3	<p><b>A pre-proposal conference will be held: Yes</b></p> <p>The pre-proposal conference will be held on <b>7 August 2014 at 10:00 hours Timor-Leste time</b> at the address below:</p> <p><b>Office of the National Procurement Commission</b> Rua dos Direitos Humanos Dili, Timor-Leste</p>
2.4	<p><b>The Employer will provide the following, apart from inputs, project data, reports, etc. stated in Section 5, TOR, to facilitate the preparation of the Proposals:</b></p> <p>a. Assistance and advice on the processing of visas and work permits for consultant staff as requested.</p>
6.3.1	<p><b>Debarment lists of the following International Financial Institutions:</b></p> <ul style="list-style-type: none"> <li>• World Bank's debarment process on Fraud and Corruption: Listing of Ineligible Firms: <a href="#">WB Debarment List</a></li> <li>• EBRD's Procurement Policies and Rules: Fraud and Corruption: <a href="#">EBRD Debarment List</a></li> <li>• Asian Development Bank (ADB): Anticorruption and Integrity: <a href="#">Sanctions</a></li> <li>• Inter-American Development Bank (IDB) Group: Integrity: <a href="#">Sanctioned Firms and Individuals</a></li> </ul>

	<ul style="list-style-type: none"> <li>African Development Bank Group: Institution's procurement rules and procedures: <a href="#">List of Debarred Entities</a></li> </ul>
<b>B. Preparation of Proposals</b>	
<b>9.1</b>	<p>This RFP has been issued in the <b>English</b> language.  Proposals shall be submitted in <b>English</b> language.  All correspondence exchange shall be in <b>English</b> language.</p>
<b>10.1</b>	<p><b>The Proposal shall comprise the following:</b></p> <p><b><u>For FULL TECHNICAL PROPOSAL (FTP):</u></b></p> <p><b>1<sup>st</sup> Inner Envelope with the Technical Proposal:</b></p> <ol style="list-style-type: none"> <li>(1) Power of Attorney to sign the Proposal</li> <li>(2) Proof of Legal Status and Eligibility</li> <li>(3) TECH-1</li> <li>(4) TECH-2</li> <li>(5) TECH-3</li> <li>(6) TECH-4</li> <li>(7) TECH-5</li> <li>(8) TECH-6</li> </ol> <p>AND</p> <p><b>2<sup>nd</sup> Inner Envelope with the Financial Proposal:</b></p> <ol style="list-style-type: none"> <li>(1) FIN-1</li> <li>(2) FIN-2</li> <li>(3) FIN-3</li> <li>(4) FIN-4</li> </ol> <p>Proof of legal status establishing Consultant's legal capacity to enter into binding and enforceable contracts and may be supported by:</p> <ul style="list-style-type: none"> <li>• Certificate of incorporation</li> <li>• Partnerships duly organized</li> <li>• Universities, institutions, public sector organizations, and NGOs that are not legally incorporated shall provide other documentation that establishes their legal capacity to enter into binding and enforceable contracts with the Employer (such as charter, statute, etc.).</li> </ul> <p>Please refer to CHECKLIST OF REQUIRED FORMS in Section 3</p>
<b>11.1</b>	<p><b>Participation of Sub-consultants, Key Experts and Non-Key Experts in more than one Proposal is permissible:</b></p> <p>Yes, participation of local sub-consultants, international or national independent expert in more than one Proposal is permissible. Participation of experts who are regular employees of one of the lead firms in more than one proposal is not permissible, unless such firm declines to present the proposal.</p> <p>The experience of Sub-consultants and Key Experts, however, will not be considered as experience of the Consultant.</p>

<b>12.1</b>	Proposals must remain valid for <b>ninety (90)</b> calendar days after the proposal submission deadline.
<b>13.1</b>	<p><b>Clarifications may be requested no later than <u>Fourteen (14)</u> days prior to the submission deadline.</b></p> <p>The contact information for requesting clarifications is:  <b>Mr. Rana Latif</b>  Sr. Procurement Specialist, National Procurement Commission  Rua Dos Direitos Humanos, Dili, Timor-Leste  Tel. : +670 333-1101  Email: <b>rlatif@cna.gov.tl copy to rrillo@cna.gov.tl: gsharma@cna.gov.tl and adorosario@cna.gov.tl</b></p>
<b>14.1.2</b>	<b>Estimated budget for the assignment: USD 5 Million (inclusive of taxes)</b>
<b>15.2</b>	<p>The format of the Technical Proposal to be submitted is: <b>Full Technical Proposal</b></p> <p>Please refer to Checklist of Required Forms in Section 3.</p> <p>Submission of the Technical Proposal in a wrong format may lead to the Proposal being deemed non-responsive to the RFP requirements.</p>
<b>16.1 (b)</b>	<p>Miscellaneous expenses may include the following:</p> <ol style="list-style-type: none"> <li>(1) a per diem allowance for experts for every day of absence from the home office for the purposes of the Services;</li> <li>(2) cost of travel by the most appropriate means of transport and the most direct practicable route;</li> <li>(3) cost of office accommodation, including overheads and back-stop support;</li> <li>(4) communications costs;</li> <li>(5) cost of purchase or rent or freight of any equipment required to be provided by the Consultants;</li> <li>(6) cost of reports production (including printing) and delivering to the Employer;</li> <li>(7) other allowances where applicable</li> </ol>
<b>16.1 (c) and (d)</b>	Provisional Sum: Not Applicable Contingency Amount: Not Applicable
<b>16.3</b>	<p><b>Information on the Consultant's tax obligations in the Employer's country can be found at</b></p> <p><a href="http://www.mof.gov.tl/en/TLRS/DomesticTax/TaxGuidesAndForms/taxguide/">http://www.mof.gov.tl/en/TLRS/DomesticTax/TaxGuidesAndForms/taxguide/</a></p>



	<b>The Consultant shall pay local taxes without reimbursement by the Employer.</b>
<b>C. Submission, Opening and Evaluation</b>	
<b>17.1</b>	<b>The Consultants “shall not” have the option of submitting their Proposals electronically.</b>
<b>17.4</b>	<b>The Consultant must submit:</b> (a) <b>Technical Proposal:</b> one (1) original and three (3) copies and one (1) CD copy; (b) <b>Financial Proposal:</b> one (1) original and one (1) CD copy.
<b>17.9</b>	<b>The Proposals must be received at the address below no later than:</b> <b>Date: 27 August 2014</b>  <b>Time: 1500 hours Timor-Leste time</b>  <b>The Proposal submission address is:</b> <b>TENDER BOX</b> <b>National Procurement Commission</b> <b>Rua Dos Direitos, Humanos</b> <b>Dili, Timor Leste</b>
<b>19.1</b>	<b>An online option of the opening of the Technical Proposals is offered: No</b>  <b>The opening shall take place at:</b>  <b>National Procurement Commission</b> <b>Rua Dos Direitos, Humanos, Dili, Timor-Leste</b>  <b>Date: 27 August 2014</b> <b>Time: 1500 hours Timor-Leste time</b>
<b>19.2</b>	<b>In addition, the following information will be read aloud at the opening of the Technical Proposals :</b>  1. Technical Proposal Submission Form (TECH-1) is submitted and signed 2. Number of copies of Technical and Financial Proposals
<b>21.1</b>	The evaluation criteria, sub-criteria, and point system are specified in the Summary and Personnel Evaluation Sheets that are attached to the Data Sheet.  <b>The minimum technical score (St) required to pass is: 750 from a maximum of 1000 points.</b>
<b>22.1</b>	<b>An online option of the opening of the Financial Proposals is offered: No</b>
<b>25.1</b>	<b>The lowest evaluated Financial Proposal (Fm) is given the maximum financial score (Sf) of 1000.</b>

	<p><b>The formula for determining the financial scores (Sf) of all other Proposals is calculated as follows:</b></p> <p><math>Sf = 1000 \times Fm / F</math>, in which “Sf” is the financial score, “Fm” is the lowest offered price and “F” is the offered price of the proposal under consideration.</p> <p><b>The weights given to the Technical (T) and Financial (P) Proposals are:</b>  <b>T = 80% and</b>  <b>P = 20%</b></p> <p>Proposals are ranked according to their combined technical (St) and financial (Sf) scores using the weights (T = the weight given to the Technical Proposal; P = the weight given to the Financial Proposal; T + P = 1) as following: <math>S = St \times T\% + Sf \times P\%</math>.</p>
	<b>D. Negotiations and Award</b>
<b>26.1</b>	<p><b>Expected date and address for contract negotiations:</b>  <b>Date:</b> 24 September 2014  <b>Address:</b> National Procurement Commission  Rua dos Direitos Humanos, Dili, Timor-Leste</p>
<b>28.2</b>	<p><b>Expected date for the commencement of the Services:</b>  <b>Date at:</b> 22 October 2014</p>

## **Appendix 1**

### **SUMMARY AND PERSONNEL EVALUATION SHEET FOR FULL TECHNICAL PROPOSAL**

- (i) Summary Evaluation Sheet;
- (ii) Personnel Evaluation Sheet.

## APPENDIX 1 -SUMMARY EVALUATION SHEET

EVALUATION CRITERIA		Max. Weight	Firm 1		Firm 2		Firm 3		Firm4		Firm 5		Firm 6	
			Rating	Score	Rating	Score	Rating	Score	Rating	Score	Rating	Score	Rating	Score
<b>I. Qualification of the Firm</b>		<b>200</b>												
a.	Corporate experience in performing consulting services in the oil and gas industry including industry standard certifications	80												
b.	Proven track records and experience in Engineering Designs Studies (Concept Selection, Pre-FEED, FEED, Detailed Engineering, etc.) of LNG liquefaction Plants of similar magnitude.	100												
c.	Experience in consultancy projects in Timor-Leste or in similar region (Southeast Asian countries)	20												
<b>II. Approach and Methodology</b>		<b>350</b>												
a.	Understanding of Objectives	50												
b.	Quality of Methodology (including execution plan, QA/QC plan, tools/software utilized, etc.)	150												
c.	Innovativeness / Comments to TOR	40												
d.	Work Program & deliverable milestones	80												
e.	Personnel Schedule	30												
<b>III. Key Experts (Areas of Expertise)</b>		<b>450</b>												
a.	Project Manager/Team Leader	70												
b.	Lead Engineer/Senior Process Engineer	50												
c.	Process Engineer	40												
d.	Civil Engineer	40												
e.	Mechanical/Piping Engineer	40												
f.	Electrical/Instrumentation Engineer	40												
g.	QHSE Specialist	40												
h.	QA/QC Engineer	40												
i.	Cost/Contract Engineer	40												
l.	Other proposed key expert(s)	50												
<b>Total</b>		<b>1000</b>												
<b>Rating:</b>	Excellent - 100%    Very Good - 90%    Above Average - 80%    Average - 70%    Below Average - 50%    Non-complying - 0%													
<b>Score:</b>	Maximum Weight x Rating / 100													

APPENDIX 2 - PERSONNEL EVALUATION SHEET

Name of Firm:

POSITION/AREA OF EXPERTISE		NAME	A		B		C		TOTAL SCORE (A+B+C)	
			General Qualifications		Project-Related Experience		Experience in Timor- Leste or similar region			
			15%		75%		10%			
			Rating	Score	Rating	Score	Rating	Score		
Key Experts										
<b>Rating:</b> Excellent - 100%      Very Good - 90%      Above Average - 80%      Average - 70%      Below Average - 50%      Non-complying - 0%										
<b>Score:</b> Rating x percentage assigned to criterion										

### F. Disqualification of an Expert

	<b>Zero (0%) rating resulting in disqualification will be given to a nominated expert in particular circumstances:</b>	<b>Reference</b>
1.	The expert is proposed for a national position but is not a citizen of that country or the expert failed to state his citizenship on the CV.	TECH-6
2.	The expert's CV is not signed.	TECH-6
3.	The CV is not in the required format	TECH-6
4.	The expert is a current employee of the Employer.	ITC 6.3/TECH-6
5.	The Consultant and the expert failed to disclose any situation of an actual or potential conflict of interest about the expert.	ITC 3

### Section 3. Technical Proposal – Standard Forms

{*Notes to Consultant* shown in brackets { } throughout Section 3 provide guidance to the Consultant to prepare the Technical Proposal; they should not appear on the Proposals to be submitted.}

#### CHECKLIST OF REQUIRED FORMS

Required for FTP	FORM	DESCRIPTION	Page Limit
√	TECH-1	Technical Proposal Submission Form.	
√	TECH-1 Attachment	Proof of legal status and eligibility	
“√” If applicable	TECH-1 Attachment	If the Proposal is submitted by a joint venture, attach a letter of intent or a copy of an existing agreement.	
“√” If applicable	Power of Attorney	No pre-set format/form. In the case of a Joint Venture, several are required: a power of attorney for the authorized representative of each JV member, and a power of attorney for the representative of the lead member to represent all JV members	
√	TECH-2	Consultant’s Organization and Experience	
√	TECH-2A	A. Consultant’s Organization	2
√	TECH-2B	B. Consultant’s Experience	20
√	TECH-2C	C. Consultant’s Experience in Timor-Leste or Similar Region	5
√	TECH-2D	D. Consultant’s Quality Assurance	2
√	TECH-2E	E. References of the Consultant	1
√	TECH-3	Comments or Suggestions on the Terms of Reference and on Counterpart Staff and Facilities to be provided by the Employer.	[See footnote ] <sup>1</sup>
√	TECH-3A	A. On the Terms of Reference	n/a
√	TECH-3B	B. On the Counterpart Staff and Facilities	2
√	TECH-4	Description of the Approach, Methodology, and Work Plan for Performing the Assignment	50
√	TECH-5	Work Schedule and Planning for Deliverables	n/a
√	TECH-6	Team Composition, Key Experts Inputs, and attached Curriculum Vitae (CV)	5

<sup>1</sup> The total number of pages for combined forms TECH-3 and TECH-4 should not exceed 50. A page is defined as one printed side of A4 or letter-size paper.

**FORM TECH-1**

**TECHNICAL PROPOSAL SUBMISSION FORM**

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{Location, Date}

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To: [Name and address of Employer]

Dear Sirs:

We, the undersigned, offer to provide the consulting services for [Insert title of assignment] in accordance with your Request for Proposals dated [Insert Date] and our Proposal. [Select appropriate wording depending on the selection method stated in the RFP: We are hereby submitting our Proposal, which includes this Technical Proposal and a Financial Proposal sealed in a separate envelope.

{If the Consultant is a joint venture, insert the following: We are submitting our Proposal in a joint venture with: {Insert a list with full name and the legal address of each member, and indicate the lead member}. We have attached a copy {insert: “of our letter of intent to form a joint venture” or, if a JV is already formed, “of the JV agreement”} signed by every participating member, which details the likely legal structure of and the confirmation of joint and severable liability of the members of the said joint venture.

OR

If the Consultant’s Proposal includes Sub-consultants, insert the following: We are submitting our Proposal with the following firms as Sub-consultants: {Insert a list with full name and country of each Sub-consultant.}

We hereby declare that:

- (a) All the information and statements made in this Proposal are true and we accept that any misinterpretation or misrepresentation contained in this Proposal may lead to our disqualification by the Employer.
- (b) Our Proposal shall be valid and remain binding upon us for the period of time specified in the Data Sheet, Clause 12.1.
- (c) We have no conflict of interest in accordance with ITC 3.
- (d) We meet the eligibility requirements as stated in ITC 6.
- (e) Neither we, nor our JV/associate partners/ sub-consultants or any of the proposed experts prepared the TOR for this consulting assignment
- (f) Except as stated in the Data Sheet, Clause 12.1, we undertake to negotiate a Contract on the basis of the proposed Key Experts. We accept that the substitution of Key Experts for



reasons other than those stated in ITC Clause 12 and ITC Clause 26.4 may lead to the termination of Contract negotiations.

- (g) Our Proposal is binding upon us and subject to any modifications resulting from the Contract negotiations.

We undertake, if our Proposal is accepted and the Contract is signed, to initiate the Services related to the assignment no later than the date indicated in Clause 28.2 of the Data Sheet.

We understand that the Employer is not bound to accept any Proposal that the Employer receives.

We remain,

Yours sincerely,

Authorized Signature {In full and initials}: \_\_\_\_\_

Name and Title of Signatory: \_\_\_\_\_

Name of Consultant (company's name or JV's name): \_\_\_\_\_

In the capacity of: \_\_\_\_\_

Address: \_\_\_\_\_

Contact information (phone and e-mail): \_\_\_\_\_

{For a joint venture, either all members shall sign or only the lead member, in which case the power of attorney to sign on behalf of all members shall be attached}

## **FORM TECH-2**

### **CONSULTANT’S ORGANIZATION AND EXPERIENCE**

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Form TECH-2: a brief description of the Consultant’s organization and an outline of the recent experience of the Consultant that is most relevant to the assignment. In the case of a joint venture, information on similar assignments shall be provided for each partner. For each assignment, the outline should indicate the names of the Consultant’s Key Experts and Sub-consultants who participated, the duration of the assignment, the contract amount (total and, if it was done in a form of a joint venture or a sub-consultancy, the amount paid to the Consultant), and the Consultant’s role/involvement. Additional information on similar assignments listed should be provided in the format shown.

---

## **A - Consultant's Organization**

1. Provide here a brief (2 pages) description of the background and organization of your company, and – in case of a joint venture – of each member for this assignment. Include copies of industry standard certificates, i.e. ISO, etc.
2. Include organizational chart, a list of Board of Directors, and beneficial ownership<sup>2</sup>.

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<sup>2</sup> Beneficial ownership shows all owners and major shareholders of the company, including any person or entity who enjoys the benefit of ownership including, but not limited to power of control and influence of the business transactions, receiving dividends or profit share. This includes direct or indirect ownership of the company (e.g. ownership by close relatives).

## B - Consultant's Experience

1. List only previous **similar** assignments successfully completed in the last **ten (10) years**.
2. List only those assignments for which the Consultant was legally contracted by the Employer as a company or was one of the joint venture partners. Assignments completed by the Consultant's individual experts working privately or through other consulting firms cannot be claimed as the relevant experience of the Consultant, or that of the Consultant's partners or sub-consultants, but can be claimed by the Experts themselves in their CVs. The Consultant should substantiate the claimed experience by presenting copies of relevant documents and references.

Duration	Assignment name/& brief description of main deliverables/outputs	Name of Employer & Country of Assignment	Approx. Contract value (in US\$) Amount paid to your firm	Role on the Assignment
{e.g., Jan.2009–Apr.2010}	{e.g., "Improvement quality of.....": designed master plan for rationalization of .....; }	{e.g., Ministry of ....., country}	{e.g., US\$1 mill/US\$0.5 mill}	{e.g., Lead partner in a JV A&B&C}
{e.g., Jan-May 2008}	{e.g., "Support to sub-national government.....": drafted secondary level regulations on.....}	{e.g., municipality of....., country}	{e.g., US\$0.2 mil/US\$0.2 mil}	{e.g., sole Consultant}

3. Using the format below, provide information on each assignment for which your firm, and each Joint Venture partner or sub-Consultant for this assignment, was legally contracted either individually as a corporate entity or as one of the major companies within a joint venture or sub-consultancy, for carrying out consulting services similar to the ones requested under this assignment. List only previous similar assignment successfully completed in the **last ten (10) years**. Use a maximum of 20 pages (including the list required in Item 2 above). No promotional material should be included.

All fields in the following forms are mandatory to be filled. **Specific project experience with missing information in the following form SHALL NOT be considered for evaluation.**

**The Consultant should substantiate the claimed experience by presenting copies of Certificate of Completion for completed projects and portion of signed contract, both showing contract amount, services rendered, and signing page for on-going projects.** The aforementioned documents are not part of the maximum 20 pages requirement.

Assignment name:	Approx. value of the consultancy contract (in current US\$):
Country:	Duration of assignment (months)
Location within country	
Name of Client:	Total No. of person-months of the assignment:

Address:	Approx. value of the services provided by your firm under the consultancy contract (in current US\$):
Name of Client Representative/Title:	Client Representative contact details:  Email: Telephone no.:
Start date (month/year):  Completion date (month/year):	No. of professional person-months provided by the Joint Venture Partners or the Sub-Consultants:
Name of joint venture partner or sub-Consultants, if any:	Name of senior regular full time employees of your firm involved and functions performed (indicate most significant profiles such as Project Director/Coordinator, Team Leader):
Narrative description of Project:	
Description of actual services provided in the assignment:	

**Firm's Name:** \_\_\_\_\_

## C - Consultant's Experience in Timor-Leste or Similar Region

Using the format below, provide information on each assignment for which your firm, and each Joint Venture partner or sub-Consultant for this assignment, was legally contracted either individually as a corporate entity or as one of the major companies within a joint venture or sub-consultancy, for carrying out consulting services in Timor-Leste or similar region (**similar region comprises South East Asia, Portugal and former Portuguese colonies**), requested under this assignment. Use a maximum of 5 pages. No promotional material should be included.

**Specific project experience with missing information in the following form SHALL NOT be considered for evaluation.**

**The Consultant should substantiate the claimed experience by presenting copies of Certificate of Completion for completed projects and portion of signed contract showing contract amount, services rendered and signing page for on-going projects.** The aforementioned documents are not part of the maximum 5 pages requirement.

Assignment name:	Approx. value of the consultancy contract(in current US\$):
Country:  Location within country	Duration of assignment (months)
Name of Client:	Total no. of person-months of the assignment:
Address:	Approx. value of the services provided by your firm under the consultancy contract (in current US\$):
Name of Client Representative/Title:	Client Representative contact details:  Email: Telephone no.:
Start date (month/year):  Completion date (month/year):	No. of professional person-months provided by the Joint Venture Partners or the Sub-Consultants:
Name of joint venture partner or sub-Consultants, if any:	Name of senior regular full time employees of your firm involved and functions performed (indicate most significant profiles such as Project Director/Coordinator, Team Leader):
Narrative description of Project:	
Description of actual services provided in the assignment:	

**Firm's Name:** \_\_\_\_\_

## **D – References of the Consultant**

Provide contact information for at least three (3) references that can provide substantial input about:

- (a) The type of services performed
- (b) Confirm the quality of the work experience listed in Form TECH-2B and TECH-2C

Name	Position	Address	Telephone No.	E-mail address

### **FORM TECH-3**

## **COMMENTS AND SUGGESTIONS ON THE TERMS OF REFERENCE, COUNTERPART STAFF, AND FACILITIES TO BE PROVIDED BY THE EMPLOYER**

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Form TECH-3: comments and suggestions on the Terms of Reference that could improve the quality/effectiveness of the assignment; and on requirements for counterpart staff and facilities, which are provided by the Employer, including: administrative support, office space, local transportation, equipment, data, etc.

### **A - On the Terms of Reference**

{Improvements to the Terms of Reference, if any }

### **B - On Counterpart Staff and Facilities**

{Include comments on counterpart staff and facilities to be provided by the Employer. For example, administrative support, office space, local transportation, equipment, data, background reports, etc., if any }



## FORM TECH-4

### DESCRIPTION OF APPROACH, METHODOLOGY, AND WORK PLAN IN RESPONDING TO THE TERMS OF REFERENCE

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Form TECH-4: a description of the approach, methodology and work plan for performing the assignment, including a detailed description of the proposed methodology and staffing for training, if the Terms of Reference specify training as a specific component of the assignment.

{Suggested structure of your Technical Proposal:

- a) Technical Approach and Methodology
- b) Work Plan
- c) Organization and Staffing }

- a) **Technical Approach and Methodology.** {Please explain your understanding of the objectives of the assignment as outlined in the Terms of Reference (TORs), the technical approach, and the methodology you would adopt for implementing the tasks to deliver the expected output(s), and the degree of detail of such output. Please do not repeat/copy the TORs in here.}
- b) **Work Plan.** {Please outline the plan for the implementation of the main activities/tasks of the assignment, their content and duration, phasing and interrelations, milestones (including interim approvals by the Employer), and tentative delivery dates of the reports. The proposed work plan should be consistent with the technical approach and methodology, showing your understanding of the TOR and ability to translate them into a feasible working plan. A list of the final documents (including reports) to be delivered as final output(s) should be included here. The work plan should be consistent with the Work Schedule Form.}
- c) **Organization and Staffing.** {Please describe the structure and composition of your team, including the list of the Key Experts, Non-Key Experts and relevant technical and administrative support staff.}

**FORM TECH-5****WORK SCHEDULE AND PLANNING FOR DELIVERABLES**

N°	Deliverables <sup>1</sup> (D-..)	Months											
		1	2	3	4	5	6	7	8	9	....	n	TOTAL
<b>D-1</b>	{e.g., Deliverable #1: Report A												
	1) data collection												
	2) drafting												
	3) inception report												
	4) incorporating comments												
	5) .....												
	6) delivery of final report to Employer}												
<b>D-2</b>	{e.g., Deliverable #2 :.....}												
<b>n</b>													

- 1 List the deliverables with the breakdown for activities required to produce them and other benchmarks such as the Employer's approvals. For phased assignments, indicate the activities, delivery of reports, and benchmarks separately for each phase.
- 2 Duration of activities shall be indicated in a form of a bar chart.
- 3 Include a legend, if necessary, to help read the chart.

# FORM TECH-6

## TEAM COMPOSITION, ASSIGNMENT, AND KEY EXPERTS' INPUTS

N°	Name, Nationality and DOB	Expert's input (in person/month) per each Deliverable (listed in TECH-5)										Total time-input (in Months)			
		Position		D-1		D-2		D-3	.....		D-...			Home	Field
<b>KEY EXPERTS</b>															
<b>International</b>															
K-1	{e.g., Mr. Abbbb, PAK, 15.06.1954}	[Team Leader]	[Home]	[2 month]		[1.0]		[1.0]							
			[Field]	[0.5 m]		[2.5]		[0]							
K-2	e.g., Mr. Xxyyyy, USA, 20.04.1969}														
K-3															
<b>National</b>															
n															
										<b>Subtotal</b>					
<b>NON-KEY EXPERTS</b>															
N-1			[Home]												
			[Field]												
N-2															
n															
										<b>Subtotal</b>					
										<b>Total</b>					

- 1 For Key Experts, the input should be indicated individually for the same positions as required under the Data Sheet ITC21.1.
- 2 Months are counted from the start of the assignment/mobilization.
- 3 “Home” means work in the office in the expert’s country of residence. “Field” work means work carried out in the Employer’s country or any other country outside the expert’s country of residence, at Employer’s request.



Full time input



Part time input

## FORM TECH-6 (CONTINUED)

### CURRICULUM VITAE (CV)

[This CV format should be followed. CV not in required format will get a zero rating.]

<b>Position Title and No.</b>	{e.g., K-1, TEAM LEADER}
<b>Name of Firm</b>	<i>Insert name of firm proposing the expert</i>
<b>Name of Expert:</b>	{Insert full name}
<b>Date of Birth:</b>	{day/month/year}
<b>Citizenship:</b>	

**Education:** {List college/university or other specialized education, giving names of educational institutions, dates attended, degree(s)/diploma(s) obtained}

---



---

**Employment record relevant to the assignment:** {Starting with present position, list in reverse order. Please provide dates, name of employing organization, titles of positions held, *type of employment (full time, part time, contractual)*, types of activities performed and location of the assignment, and contact information of previous Employers and employing organization(s) who can be contacted for references. Past employment that is not relevant to the assignment does not need to be included.}

Period	Employing organization and your title/position. Contact information for references	Country	Summary of activities performed relevant to the Assignment
[e.g., May 2005-present]	[e.g., Ministry of ....., advisor/consultant to...  For references: Tel...../e-mail.....; Mr. Bbbbbb, deputy minister]		

**Membership in Professional Associations and Publications:**

---

**Language Skills (indicate only languages in which you can work):** \_\_\_\_\_

---

**Adequacy for the Assignment:**

Detailed Tasks Assigned on Consultant's Team of Experts:	Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks
{List all deliverables/tasks as in TECH- 5 in which the Expert will be involved}	

**Certification:**

(i) *This CV correctly describes my qualifications and experience*

(iii) *In the absence of medical incapacity, I will undertake this assignment for the duration and in terms of the inputs specified for me in Form TECH 6 provided team mobilization takes place within the validity of this proposal.*

(v) *I am not currently debarred by an International Financial Institution mentioned in Section 2, ITC*  
*I(k)*

*If CV is signed by the firm's authorized representative:*

I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged.

\_\_\_\_\_  
[Signature of expert or authorized representative of the firm]<sup>3</sup>

Date: \_\_\_\_\_  
Day/Month/Year

Full name of authorized representative: \_\_\_\_\_

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## **Section 4. Financial Proposal - Standard Forms**

{*Notes to Consultant* shown in brackets { } provide guidance to the Consultant to prepare the Financial Proposals; they should not appear on the Financial Proposals to be submitted.}

Financial Proposal Standard Forms shall be used for the preparation of the Financial Proposal according to the instructions provided in Section 2.

NOTE: The authorized representative of the Consultant who signs the Proposal is advised to initial all pages of the original Financial Proposal.

- |       |  |
|-------|--|
| FIN-1 | Financial Proposal Submission Form               |
| FIN-2 | Summary of Costs                                 |
| FIN-3 | Breakdown of Remuneration                        |
| FIN-4 | Other Expenses, Provisional Sums and Contingency |

**FORM FIN-1**  
**FINANCIAL PROPOSAL SUBMISSION FORM**

---

{Location, Date}

To: [Name and address of Employer]

---

Dear Sirs:

We, the undersigned, offer to provide the consulting services for [Insert title of assignment] in accordance with your Request for Proposal dated [Insert Date] and our Technical Proposal.

Our attached Financial Proposal is for the amount of [Insert amount(s) in words and figures] inclusive of all taxes.<sup>4</sup>

Our Financial Proposal shall be binding upon us subject to the modifications resulting from Contract negotiations, up to expiration of the validity period of the Proposal, i.e. before the date indicated in Clause 12.1 of the Data Sheet.

Commissions, gratuities or fees paid or to be paid by us to an agent or any other party relating to preparation or submission of this Proposal and Contract execution, paid if we are awarded the Contract, are listed below:

Name and Address of Agent(s)/Other party	Amount in US Dollars	Purpose of Commission or Gratuity
_____	_____	_____
_____	_____	_____

{If no payments are made or promised, add the following statement: “No commissions, gratuities or fees have been or are to be paid by us to agents or any other party relating to this Proposal and, in the case of award, Contract execution.”}

---

We understand you are not bound to accept any Proposal you receive.

We remain,

Yours sincerely,

Authorized Signature {In full and initials}: \_\_\_\_\_

Name and Title of Signatory: \_\_\_\_\_

In the capacity of: \_\_\_\_\_

Address: \_\_\_\_\_

E-mail: \_\_\_\_\_

{For a joint venture, either all members shall sign or only the lead member/consultant, in which case the power of attorney to sign on behalf of all members shall be attached.}

---

<sup>4</sup>Please note that all amounts shall be the same as in Form FIN-2.



### FORM FIN-2 SUMMARY OF COSTS

Item	Cost
<b>Competitive Components</b>	
Remuneration, Key Experts	
Remuneration, Non-Key Experts	
Other Expenses	
<b>Sub-Total</b>	
<b>Non-Competitive Components</b>	
Provisional Sums	
Contingency	
<b>Sub-Total</b>	
<b>Total Cost of the Financial Proposal <sup>5</sup></b>	

---

<sup>5</sup> Should match the amount in Form FIN-1.

---

**FORM FIN-3 BREAKDOWN OF REMUNERATION**

When used for Lump-Sum contract assignment, information to be provided in this Form shall only be used to demonstrate the basis for the calculation of the Contract's ceiling amount; to calculate applicable taxes at contract negotiations; and, if needed, to establish payments to the Consultant for possible additional services requested by the Employer. This Form shall not be used as a basis for payments under Lump-Sum contracts

No.	Name	Nationality	Currency	Person-month Remuneration Rate (Home)	Time Input in Person/Month (from TECH-6) (Home)	Cost	
	Position (as in TECH-6)	Firm		Person-month Remuneration Rate (Field)	Time Input in Person/Month (from TECH-6) (Field)		
	<b>KEY EXPERTS (International)</b> <sup>6</sup>						
1.							
2.							
	<b>Sub-Total Costs</b>						
	<b>KEY EXPERTS (National)</b>						
1.							
2.							
	<b>Sub-Total Costs</b>						
	<b>Total Costs: Key Experts (International and National)</b>						
	<b>NON-KEY EXPERTS</b>						
1.							
2.							
	<b>Total Costs: Non-Key Experts</b>						
	<b>TOTAL COSTS: KEY AND NON-KEY EXPERTS</b>						

<sup>6</sup> As identified in the Summary and Personnel Evaluation Sheet.

**FORM FIN-4 BREAKDOWN OF OTHER EXPENSES, PROVISIONAL SUMS AND CONTINGENCY**

When used for Lump-Sum contract assignment, information to be provided in this Form shall only be used to demonstrate the basis for calculation of the Contract ceiling amount, to calculate applicable taxes at contract negotiations and, if needed, to establish payments to the Consultant for possible additional services requested by the Employer. This form shall not be used as a basis for payments under Lump-Sum contracts

Type of Expenses, Provisional Sums and Contingency	Quantity	Unit	Currency	Unit Price	Amount
<b>Reimbursable Expenses</b>					
<i>{e.g., Per diem allowances}</i>	<i>{Day}</i>				
<i>{e.g., International flights}</i>	<i>{RT}</i>				
<i>{e.g., In/out airport transportation}</i>	<i>{Trip}</i>				
<i>{e.g., Communication costs}</i>					
<i>{e.g., reproduction of reports}</i>					
<i>{e.g., Office rent}</i>					
<b>Sub-Total: Reimbursable Expenses</b>					
<b>Provisional Sums</b>					
<i>Item 1</i>					
<i>Item 2</i>					
<b>Sub-Total: Provisional Sums</b>					
<b>Contingency</b>					
<b>Total: Reimbursable Expenses + Provisional Sums + Contingency</b>					

\* Provisional Sums and Contingency must be expressed in United States Dollars.



## Section 5. Terms of Reference

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## Abbreviations

AACE	Association for the Advancement of Cost Engineering
AGRU	Acid Gas Removal Unit
ASME	American Society Of Mechanical Engineers
CAPEX	Capital Expenditures
C3MR	Propane Mixed-Refrigerant Process (LNG Liquefaction technology)
DEA	Dietanolamine
DIPA	Di-isopropanolamine
DMR	Dual Mixed Refrigerant
DNV	Det Norske Veritas
FEED	Front End Engineering Designs
GIIGNL	French acronym of the International Group of LNG Importers
GTL	Government of Timor-Leste
HSE	Health, Safety and Environment
LNG	Liquefied Natural Gas
LPG	Liquefied Petroleum Gas
MDEA	Methyldiethanolamine
MEA	Monoethanolamine
Metoccean	Meteorology and Oceanography
MMCFD	Million Standard Cubic Feet per Day
MPRM	Ministério do Petróleo & Recursos Minerais (Ministry of Petroleum & Mineral Resources)
MRU	Mercury Removal Unit
MTO	Material Take Off
MTPA	Million Tons Per Annum

NFPA	National Fire Protection Association
OPEX	Operating Expenditures
PEP	Project Execution Plan
QA/QC	Quality Assurance/Quality Control
QHSE	Quality, Health, Safety, and Environment
TIMOR GAP	Timor Gas & Petroleo, E.P. (Timor-Leste's National Oil Company)
TOR	Terms of Reference

## 1. Introduction

### 1.1 Background

The Government of Timor-Leste (GTL) through its Ministry of Petroleum and Mineral Resources (MPRM) from 2007 to 2013 has launched a number of studies at varied levels to investigate the feasibility of developing a LNG Plant (LNG export terminal) on a green field site on the southern coast of Timor-Leste, near Beço (Cape Deilubun), approximately 198 kilometres south east of Dili. The LNG plant is being considered as a potential export outlet for the Troubadour-Sunrise field.

The establishment of an onshore LNG plant to process gas from the Troubadour-Sunrise field is one of the key elements of the long term strategic country development plan formulated by the GTL. Figure 1 presents the location of LNG export terminal to be developed in Beço at which the landing point for pipeline bringing the feed gas from Greater Sunrise is located to the west boundary while the special purpose port designed for product loading is located towards the eastern boundary. The Timor LNG complex (Figure 1) occupies an area of approximately 230 hectares with initial designed capacity of 5 MTPA for a single train. Future expansion of possibly up to 20 MTPA (i.e. 3 trains x 5 MTPA/train) has been foreseen in the conceptual study.

*Figure 1. Project Boundary area*





Studies for both feed gas pipeline and marine facility have all been completed to the extent of FEED. The LNG Plant, however, has been achieved only up to a conceptual level.

## 1.2 Objectives

This document provides terms of reference (TOR) for undertaking a next level of study for the LNG plant, i.e. Pre-FEED with a cost estimates for CAPEX and OPEX at +/-25% or class 3 based on AACE.

## 2. Scope of Works

Within this document CONSULTANT is defined as the company performing the work described herein and COMPANY is defined to be TIMOR GAP, E.P.

A conceptual study for the Timor LNG plant facility launched by then Secretary of State for Natural Resources (SERN) was undertaken by GS Engineering & construction and KBC Advanced Technology Pte. Ltd. in 2009/10. This work identified the conceptual layout for the onshore facilities and an indicative layout for the marine facilities for the LNG plant at the site (Figure 1). The latter had since been progressed to the level of FEED while the former remains.

The CONSULTANT shall carry out a Pre-FEED Study for setting up an onshore LNG liquefaction plant with an initial capacity of 5 MTPA and keep a provision for expansion in the future. The purpose of the Pre-FEED study is expected to arrive at sufficiently accurate definition of the planned facilities and the estimation of capital and operating costs (CAPEX and OPEX). The CONSULTANT shall consider any new design requirements based on, amongst others, technological advancements, upgradational needs and operational experience. The CONSULTANT is to ensure that the engineering Pre-FEED sections are sufficiently detailed.

The scopes of the engineering Pre-FEED sections shall, at minimum, include the following:

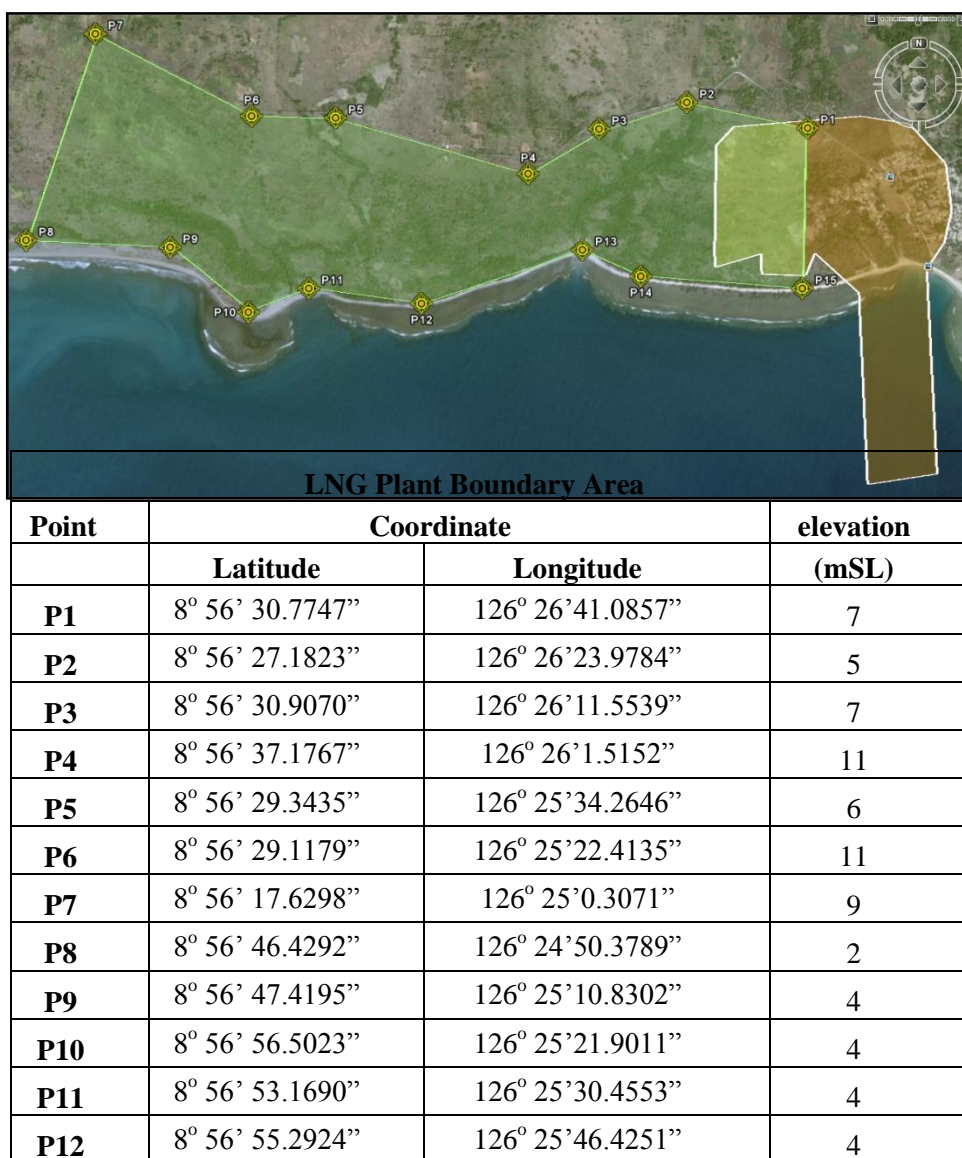
### 2.1. Site Selection

The conceptual site layout for LNG plant has been identified and selected during the conceptual study which was undertaken by GS Engineering & Construction and KBC Advanced Technology Pte. Ltd. (GSEC KBC 2010). In addition, studies on pipeline and marine facilities had since been progressed to FEED level. The western boundary site is dedicated to the landing point of pipeline and the eastern part of the site is dedicated to marine facilities (LNG Port). The site for the LNG plant including

storage tanks for products etc. is to be situated between the pipeline landing point and the marine facilities (Figure 2).

During the Pre-FEED and FEED for Marine Facilities, a site investigation survey campaign was launched which included sampling of geotechnical, geophysical and Metocean measurement. The reports and data can be made available by COMPANY to CONSULTANT upon request. In addition to this information, the CONSULTANT shall undertake additional topographic survey which may be required for the land development plan to plot fixed LNG plant area with approximate total area requirement, pipeline landing point, marine infrastructure, terminal plan, the terminal refrigeration facilities showing tankage, utilities etc., space for expansion and surrounding land use plan.

*Figure 2. Coordinate Point of LNG Plant Boundary Area*



<b>P13</b>	8° 56' 47.7722"	126° 26' 9.2236"	1
<b>P14</b>	8° 56' 51.4880"	126° 26' 17.4944"	1
<b>P15</b>	8° 56' 53.1849"	126° 26' 40.3657"	2

## 2.2. Project Management

The CONSULTANT shall develop such deliverables as the major project planning reports, schedule and cost estimate. The major project planning reports include but not limited to following documents. :

a. Major Project Plan Reports

- i. Construction and Labor strategy
  - Describe two cases; Stick Built VS Module and recommend the best option
  - Develop the labor strategy with the local manpower status including the Temporary Foreign Workers plan.
- ii. Logistics and Infrastructure strategy
  - Describes the strategy for providing logistics services in support of the project Execution phase considering the restrictions and infrastructure available on project site.
- iii. Contract & Procurement Plan including local contents
  - Develop the Contract & Procurement strategy in consideration of the minimum schedule, maximum schedule certainty, market attractiveness, maximum CAPEX certainty and minimum CAPEX.
  - Identify the key equipment & materials including long lead items which will need to be pre ordered to meet the project schedule.
  - If module concept is selected, develop the module yard lists and tactics.
- iv. LNG Supply & Shipping Plan
  - Develop the LNG supply and shipping plan which can describe the effect of storage and shipping on maintaining an integrated LNG supply chain for 5MTPA with the market assumption of LNG big consuming countries such as Japan, China and South Korea.
- v. Operation Philosophy
  - Provide a basis for the future operation and management of the facilities,
  - Provide Commissioning and Start-Up requirements including organization, flow chart, HSE and deliverables, etc.
- vi. HSSE Plan

- Develop a HSSE management system composed of a framework, Policies, Standards, Guidelines, Premises, specific plans, procedures and processes.
- vii. Information Management & Technology
  - Develop the plan how to control the documents, drawings, Design and Engineering materials in a safe way from the start to the operation phase
  - Define the information technology to support IM and recommend the best option.
- viii. Key Risks and Mitigation Plan
  - Identify risks in development of the Timor LNG project
  - Develop the risk management plan including risk assessment matrix, risk register form, risk management organization and controller, etc.
- ix. Any necessary plans from CONSULTANT experience
- x. Total Project Execution Plan
  - Describe the policies, guidelines, strategies and plans for the project management and cover all work streams of the project(LNG Plant, P/L and Port Development) as well as provide an overall umbrella strategy for the integrated project
- b. LEVEL 0, 1, 2 Master Schedule(FEED and Execution Phase) including:
  - i. Major milestones, Permits, Long lead items, Construction, etc.
  - ii. Schedule Risk Sensitivities(P10, P50, P90 case VS Deterministic)
- c. Cost Estimate
  - i. To estimate capital investment cost (CAPEX) including the necessary contingencies and related rationale within acceptable accuracy limits (Cost estimate for the facilities shall have accuracy of +/- 25%), expressed in value of money at the time of preparation of Pre-FEED Report.
  - ii. Operating and maintenance cost.
  - iii. Each item should be further broken down into equipment, bulk material, construction, labour, miscellaneous and other relevant cost components as applicable. CONSULTANT shall also clearly indicate the various taxes and duties considered for the cost estimate.
  - iv. Add the bench marking information
  - v. Cost risk sensitivities(P10, P50, P90 case VS Deterministic)

### 2.3. Concept Select Report

CONSULTANT shall carry out Concept Select Studies for key technical decision makings on following subjects;

- a. Liquefaction technology selection  
All currently existing liquefaction technologies should be thoroughly investigated and it must include but not limited to the following options
  - i. C3MR,
  - ii. DMR,
  - iii. Optimized Cascade
- b. Refrigeration Compressor Driver Selection with Compressor Configuration Scheme
  - i. Steam Turbine,
  - ii. Electric Motor,
  - iii. G/T
    - Industrial : Frame 5, 6, 7, 9 + Helper Motor (Split MR or LCI)
    - Aeroderivative Type
- c. Refrigeration Cooling Method Selection
  - i. Air Cooling
  - ii. Once Through Sea/River Water
  - iii. Open Fresh Water Re-circulating Cooling Tower
  - iv. Open Sea Water Re-circulating Cooling Tower
- d. AGRU Solvent(Amine) Selection
  - i. DEA
  - ii. MEA
  - iii. DIPA
  - iv. MDEA
  - v. ADIP-X
  - vi. Sulfinol, Sulfinol-X
  - vii. Selexol
- e. Dehydration Absorbent (dry desiccant) Selection
  - i. Alumina
  - ii. Silica Gel
  - iii. Molecular Sieves
- f. LPG Extraction Option

- i. Conventional/High Scrub Column
  - ii. Integrated Turbo Expander
  - iii. LPG Recycle Process
- g. LPG Storage Tank
  - i. LPG Storage Capacity
  - ii. Atmospheric vs. Pressurized
- h. LNG Storage Tank
  - i. Membrane vs. Full Containment
- i. Stick Build vs. Modularization
  - i. CONSULTANT to undertake initial screening of such key parameters as Schedule, Labor, Safety, Environmental, Regulatory and Site Access for modularization.
  - ii. To assess if modular design and construction have benefits for the project compared to the conventional stick build approach.
  - iii. To use following factors as main drivers to influence in comparison of Modular vs. Stick Build : Logistics constraints with additionally required infrastructure, Labor availability, site labor productivity and rate and so on.

In those Concept Select Studies, CONSULTANT shall describe the background and justification of the selections made in a sufficiently detailed manner. Selection criteria must be clearly stated in each subject study with a focus on cost efficiency, process safety, and maximum throughput.

During studies, any prerequisite data or information required to complete the studies, i.e feed gas composition, are to be either provided by COMPANY or investigated by CONSULTANT. Nonetheless, for those data and information which may not be achievable during study period, assumptions will be made by CONSULTANT in as reasonably as practical way and the assumptions require COMPANY's agreement.

After all, summary descriptions, discussions and results of variety of issues investigated by CONSULTANT for each study subject should be compiled as a Concept Select Report and delivered to Company.

## **2.4. Basis of Design**

CONSULTANT shall deliver Basis of Design for the LNG facilities to be located at Beaco, District of Viqueque, Timor-Leste.

BOD shall cover at minimum but not limited to below topics.

For all major equipment in Process and Utility System, equipment design philosophy shall be described in detail

- a. Project Overview
  - i. Define project scope
- b. Basic Design Information
  - i. Feed gas quality and arrival condition
  - ii. Climatologic and site data
- c. Design and Engineering Specification
  - i. Plant Capacity
  - ii. Product Specification
  - iii. Refrigerant Specification
  - iv. Design Codes and Standards, Design Units, Units Numbering
  - v. Maintenance, Inspection, Plant Availability
  - vi. Operability
  - vii. Health, Safety, Security, Environment
  - viii. Manpower Estimate for the Operating Phase
- d. Process Facilities
  - i. Inlet Facilities
  - ii. AGRU
  - iii. Dehydration Unit
  - iv. Mercury Removal
  - v. LPG Recovery Unit
  - vi. Liquefaction Unit
  - vii. Fractionation Unit
  - viii. Refrigerant Storage Unit
- e. Utility Systems
  - i. Power Generation and Distribution System
  - ii. Instrument Air System
  - iii. Nitrogen System
  - iv. Fuel Gas System
  - v. Heat Transfer Fluid System
  - vi. Water System
    - Potable/Service Water System
    - Demineralized Water System
    - Cooling Water System
    - Fire Water System

- vii. Diesel Fuel System
- f. Storage and Loading Facilities
  - i. Storage and Loading Concept
  - ii. LNG Storage and Loading System
  - iii. LNG Storage Tank
  - iv. LNG Loading – Marine Facilities
  - v. Condensate Storage and Loading Facilities, if required
- g. Disposal Facilities
  - i. Pressure relief and Liquid Disposal System
  - ii. Drainage and Effluent Treatment
  - iii. Solid Waste Disposal
- h. Process Automation, Control and Optimization
  - i. Operating Philosophy
  - ii. Maintenance Philosophy
  - iii. Engineering Aspects
  - iv. Control and Automation
  - v. Dynamic Simulation
  - vi. System Requirement
  - vii. Field Instrumentation
  - viii. Plant Telecommunication
- i. General Facilities
  - i. Fire Safety System
  - ii. Buildings
  - iii. Road, Paving and Fence
  - iv. Corrosion Protection
  - v. Security Facilities
  - vi. Material Off-loading Facilities
  - vii. Insulation
- j. Site Development
  - i. Site Preparation
  - ii. Foundation
  - iii. Underground Cabling and Piping
  - iv. Drainage
- k. Site Master Plan and Train Layout



- i. Overall Site Master Plan
  - ii. LNG Train Plot Layout
  - iii. LNG Loading System
- 1. Area Infrastructure and Temporary Facilities
  - i. Roads and Culverts
  - ii. Marine Base
  - iii. Construction Office, Camp and Laydown Area
  - iv. Temporary Facilities

Appendix 1: Heat and Material Balance

Appendix 2: Process Flow Diagram

### **3. Guidelines for Preparation of Pre-FEED Report**

- a. CONSULTANT shall be responsible for carrying out any surveys and acquisition of all data from necessary sources. All requisite clearances, co-ordination, fees, charges, etc. and compliance to the local laws required for completion of the job shall be the responsibility of the CONSULTANT.
- b. CONSULTANT shall review the information provided by COMPANY or Others or collected by CONSULTANT with respect to reasonability, accuracy and adequacy of technical study and cost estimates based on past engineering experience of the CONSULTANT and the rationale thereof, prior to using the same for preparation of Pre-FEED Report.
- c. The CONSULTANT will size all facilities for an initial capacity of 5.0 MTPA and keep a provision for expansion in future, to exploit economy of scale to the extent possible. However, the dominant factor will remain the overall profitability of the project.
- d. The design will conform to the Rules/Regulations/Laws/Standards which are applicable in Timor-Leste.
- e. All design and engineering will be carried out using the latest version of appropriate standards or Internationally recognized standards, i.e. BS, API, ASME, DNV and NFPA,. Other codes and standards may be used with the approval in writing from COMPANY.
- f. The CONSULTANT shall be required to visit TIMOR GAP,E.P. on at least 3 (three) occasions for :
  - i. Kick-off meeting
  - ii. Presentation of Draft Report
  - iii. Presentation of Final Report.
- g. CONSULTANT is required to prepare interim meetings with the Company followed by submission of interim reports regarding the progress of pre-FEED on ad-hoc basis at the Company's request.

## 4. Deliverables

Deliverables of this study shall, at minimum, include Reports detailing all activities described in Section 2.2, 2.3, and 2.4 of the Scope of Work above which are Project Management, Concept Select and Basis of Design, respectively. In addition, CONSULTANT is also to include a draft Scope of Work and Technical Specifications for FEED Study.

In addition, the CONSULTANT is to provide the following milestones reports:

**a. Project Execution Plan (PEP) and QHSE Plan Documents**

These documents should at minimum include detailed information namely, Introduction and Objectives, Scope of Services, Regulatory Approval, Methodology Approach, Method Statements, Project Plan and Schedule, Project Team/Organization, QHSE Management Risk, Documents and Data Management (Documents Control and Review Procedures), and Project Close-out.

These documents shall be submitted to COMPANY before Kick-Off Meeting.

**b. Draft Report and Presentation**

This should include the preliminary results of the study according to the scope of work in Section 2.

**c. Final Report and Presentation**

The Final Report is the Draft Final Report that has been revised by fully addressing comments and inputs from the COMPANY. This shall be submitted in the end of the duration of the study.

**d. Delivery of Final Reports**

Delivery of final reports including native/source files to COMPANY.

**e. Monthly Reports**

The Monthly Report emphasizes the progress of the project implementation every month including any challenges faced and planned works for the subsequent month. This should be submitted in the end of every month during the period of project implementation.

It is important to note that all data (raw and processed including any simulation) either purchased or produced/generated during the Pre-FEED study must be delivered to COMPANY altogether with the Pre-FEED Reports. All reports must be provided both in PDF and native formats.

Final Reports shall be provided to COMPANY in binding hard copies x 4 Nos. and electronic copies (native files and PDF formats) in CD/DVD x 4 Nos.

## 5. Duration of Pre-FEED Study

While it is expected that duration of this Pre-FEED study will be completed in approximately six (6) months period of time, the CONSULTANT is to propose a most reasonably practical timeframe for the completion of the study but shall not be more than twelve (12) months.

CONSULTANT shall propose, based on best industry practice, the cost details including man-hour rate for both experts and supporting engineers, and the reimbursable costs required for the Pre-FEED study.

## 6. Experience and Qualifications Required of the Firm

The international consultant must possess Proven Track Records of successfully delivering various level of Engineering Designs Studies (Pre-FEED, FEED, Detailed Engineering, etc.) and/or Construction of LNG projects within the Region or Globally.

## 7. Minimum Key Personnel/Experts

Consultant is to propose and map out key experts required to complete this Pre-FEED Study within the proposed timeframe based on Best Industry Practice. However, below are the indicative key personnel/experts required:

- a. **Project Manager**, with minimum 15 years of experience of Successful Delivery of LNG Projects (Design and/or EPC) as a Project Manager or Team Leader. S/he must possess a Chemical/Process Engineer or closely related Engineer.
- b. **Lead Engineer**, a Senior Process Engineer or Similar with minimum 15 years of experience in LNG Facilities Designs etc. Chemical engineering or equivalent degree required
- c. **Process Engineer**, with Chemical Engineering background and minimum of 5 years of working experience with gas processing and LNG.
- d. **Civil Engineer**, with specialization in Structural and Geotechnical Works. Civil/Geotechnical Engineering background and minimum of 5 years of working experience.
- e. **Mechanical/Piping Engineer**, with Mechanical Engineering background and minimum of 5 years of working experience.
- f. **Electrical/Instrumentation Engineer**, with Electrical Engineering background and minimum of 5 years of working experience.
- g. **QHSE Specialist**, a qualified QHSE Engineer with minimum 10 years of working experience. Bachelor Degree or higher in QHSE, Science or Engineering

- h. **QA/QC Engineer**, Degree in Chemical/Mechanical/Petroleum and Gas Engineering or relevant qualification and work experience.
- i. **Cost/Contract Engineer**, Degree in Engineering or relevant qualification and work experience.

All personnel are to submit most updated resume/CV including certificate of expertise issued by professional institutions, if any.

## 8. Local Content

The CONSULTANT shall train and transfer of know-how skills for COMPANY's three (3) engineers at minimum throughout the period of the pre-FEED study, e.g. secondment, etc.

## 9. References

1. GS Engineering & construction and KBC Advanced Technology Pte. Ltd. (2010). Conceptualisation and Cost Estimation for a LNG plant in Timor-Leste. Study Report.
2. GIIGNL Managing LNG Risks – Operational, Integrity, Regulations, Codes, and Industry Organisations, LNG Information Paper no. 4.
3. AACE, Recommended Practice No. 18R-97, Cost Estimate Classification System - As Applied in Engineering, Procurement, and Construction for the Process Industries.
4. Timor-Leste LNG Marine Facility FEED, 2013, HR Wallingford.

## **PART II**

### **Section 6. Conditions of Contract and Contract Forms**



## **FORM OF CONTRACT**

# **Consultant's Services**

### **Lump-Sum**





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## **CONTRACT FOR CONSULTANT'S SERVICES**

### **Lump-Sum**

**Project Name** \_\_\_\_\_

**Contract No.** \_\_\_\_\_

**between**

\_\_\_\_\_  
**[Name of the Employer]**

**and**

\_\_\_\_\_  
**[Name of the Consultant]**

**Dated:** \_\_\_\_\_

## I. Form of Contract

### LUMP-SUM

This CONTRACT (hereinafter called the “Contract”) is made the *[number]* day of the month of *[month]*, *[year]*, between, on the one hand, *[name of Employer or Recipient or Beneficiary]* (hereinafter called the “Employer”) and, on the other hand, *[name of Consultant]* (hereinafter called the “Consultant”).

[**Note:** If the Consultant consist of more than one entity, the above should be partially amended to read as follows: “...(hereinafter called the “Employer”) and, on the other hand, a Joint Venture (name of the JV) consisting of the following entities, each member of which will be jointly and severally liable to the Employer for all the Consultant’s obligations under this Contract, namely, *[name of member]* and *[name of member]* (hereinafter called the “Consultant”).]

#### WHEREAS

- (a) the Employer has requested the Consultant to provide certain consulting services as defined in this Contract (hereinafter called the “Services”);
- (b) the Consultant, having represented to the Employer that it has the required professional skills, expertise and technical resources, has agreed to provide the Services on the terms and conditions set forth in this Contract;

NOW THEREFORE the parties hereto hereby agree as follows:

1. The following documents attached hereto shall be deemed to form an integral part of this Contract:

- (a) The General Conditions of Contract;
- (b) The Special Conditions of Contract;
- (c) Appendices:

Appendix A: Terms of Reference  
Appendix B: Key Experts  
Appendix C: Breakdown of Contract Price  
Appendix D: Form of Advance Payments Guarantee (Not Used)

In the event of any inconsistency between the documents, the following order of precedence shall prevail: the Special Conditions of Contract; the General Conditions of Contract, including Attachment 1; Appendix A; Appendix B; Appendix C; Appendix D. Any reference to this Contract shall include, where the context permits, a reference to its Appendices.

2. The mutual rights and obligations of the Employer and the Consultant shall be as set forth in the Contract, in particular:

- (a) the Consultant shall carry out the Services in accordance with the provisions of the Contract; and
- (b) the Employer shall make payments to the Consultant in accordance with the provisions of the Contract.

IN WITNESS WHEREOF, the Parties hereto have caused this Contract to be signed in their respective names as of the day and year first above written.

For and on behalf of *[Name of Employer]*

---

*[Authorized Representative of the Employer – name, title and signature]*

For and on behalf of *[Name of Consultant or Name of a Joint Venture]*

---

*[Authorized Representative of the Consultant – name and signature]*

*[Note: For a joint venture, either all members shall sign or only the lead member, in which case the power of attorney to sign on behalf of all members shall be attached.]*

For and on behalf of each of the members of the Consultant [insert the Name of the Joint Venture]

*[Name of the lead member]*

---

*[Authorized Representative on behalf of a Joint Venture]*

---

*[Member of Joint Venture]*

## II. General Conditions of Contract

### A. GENERAL PROVISIONS

#### 1. Definitions

1.1. Unless the context otherwise requires, the following terms whenever used in this Contract have the following meanings:

- (a) “Applicable Law” means the laws and any other instruments having the force of law in the Employer’s country, or in such other country as may be specified in the **Special Conditions of Contract (SCC)**, as they may be issued and in force from time to time.
- (b) “Employer” means the implementing/ executing agency that signs the Contract for the Services with the Selected Consultant.
- (c) “Consultant” means a legally-established professional consulting firm or entity selected by the Employer to provide the Services under the signed Contract.
- (d) “Contract” means the legally binding written agreement signed between the Employer and the Consultant and which includes all the attached documents listed in its paragraph 1 of the Form of Contract (the General Conditions (GCC), the Special Conditions (SCC), and the Appendices).
- (e) “Day” means a working day unless indicated otherwise.
- (f) “Effective Date” means the date on which this Contract comes into force and effect pursuant to Clause GCC 11.
- (g) “Experts” means, collectively, Key Experts, Non-Key Experts, or any other personnel of the Consultant, Sub-consultant or JV member(s) assigned by the Consultant to perform the Services or any part thereof under the Contract.
- (h) “Foreign Currency” means any currency other than the currency of the Employer’s country.
- (i) “GCC” means these General Conditions of Contract.
- (j) “Government” means the government of the Employer’s country.
- (k) “Joint Venture (JV)” means an association with or without a legal personality distinct from that of its members, of more than one entity where one member has the authority to conduct all businesses for and on behalf of any and all the members of the JV, and where the members of the JV are jointly and severally liable to the Employer for the performance of the Contract.
- (l) “Key Expert(s)” means an individual professional whose skills, qualifications, knowledge and experience are critical to the performance of the Services under the Contract and whose Curricula Vitae (CV) was taken into account in the technical evaluation of the

Consultant's proposal.

- (m) "Local Currency" means the currency of the Employer's country.
- (n) "Non-Key Expert(s)" means an individual professional provided by the Consultant or its Sub-consultant to perform the Services or any part thereof under the Contract.
- (o) "Party" means the Employer or the Consultant, as the case may be, and "Parties" means both of them.
- (p) "SCC" means the Special Conditions of Contract by which the GCC may be amended or supplemented but not over-written.
- (q) "Services" means the work to be performed by the Consultant pursuant to this Contract, as described in Appendix A hereto.
- (r) "Sub-consultants" means an entity to whom/which the Consultant subcontracts any part of the Services while remaining solely liable for the execution of the Contract.
- (s) "Third Party" means any person or entity other than the Government, the Employer, the Consultant or a Sub-consultant.

**2. Relationship  
between the Parties**

2.1. Nothing contained herein shall be construed as establishing a relationship of master and servant or of principal and agent as between the Employer and the Consultant. The Consultant, subject to this Contract, has complete charge of the Experts and Sub-consultants, if any, performing the Services and shall be fully responsible for the Services performed by them or on their behalf hereunder.

**3. Law Governing  
Contract**

3.1. This Contract, its meaning and interpretation, and the relation between the Parties shall be governed by the Applicable Law.

**4. Language**

4.1. This Contract has been executed in the language specified in the SCC, which shall be the binding and controlling language for all matters relating to the meaning or interpretation of this Contract.

**5. Headings**

5.1. The headings shall not limit, alter or affect the meaning of this Contract.

**6. Communications**

6.1. Any communication required or permitted to be given or made pursuant to this Contract shall be in writing in the language specified in Clause GCC 4. Any such notice, request or consent shall be deemed to have been given or made when delivered in person to an authorized representative of the Party to whom the communication is addressed, or when sent to such Party at the address specified in the SCC.

6.2. A Party may change its address for notice hereunder by giving the other Party any communication of such change to the address specified in the SCC.

**7. Location**

7.1. The Services shall be performed at such locations as are specified in

**Appendix A** hereto and, where the location of a particular task is not so specified, at such locations, whether in the Government's country or elsewhere, as the Employer may approve.

**8. Authority of  
Member in Charge**

8.1. In case the Consultant is a Joint Venture, the members hereby authorize the member specified in the **SCC** to act on their behalf in exercising all the Consultant's rights and obligations towards the Employer under this Contract, including without limitation the receiving of instructions and payments from the Employer.

**9. Authorized  
Representatives**

9.1. Any action required or permitted to be taken, and any document required or permitted to be executed under this Contract by the Employer or the Consultant may be taken or executed by the officials specified in the **SCC**.

**10. Corrupt and  
Fraudulent  
Practices**

10.1. The Employer's Anticorruption Policy requires that all consultants observe the highest standard of ethics during the selection process and in execution of such contracts. In pursuance of this policy, the Employer:

(i) defines, for the purpose of this provision, the terms set forth below as follows:

(a) "corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, anything of value to influence improperly the actions of another party;

(b) "fraudulent practice" means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;

(c) "coercive practice" means impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;

(d) "collusive practice" means an arrangement between two or more parties designed to achieve an improper purpose, including influencing improperly the actions of another party;

**a. Measures to be  
Taken**

10.2. (i) will reject a proposal for award if it determines that the consultant recommended for award has directly, or through an agent, engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the contract in question;

(ii) will sanction a party or its successor, including declaring ineligible, either indefinitely or for a stated period of time, such party or successor from participation in activities administered by the Employer, if it at any time determines that the consultant has,



directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices.

- b. Commissions and Fees** 10.3. The Employer requires the Consultant to disclose any commissions, gratuities or fees that may have been paid or are to be paid to agents or any other party with respect to the selection process or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee. Failure to disclose such commissions, gratuities or fees may result in termination of the Contract and/or sanctions by the Government.

## **B. COMMENCEMENT, COMPLETION, MODIFICATION AND TERMINATION OF CONTRACT**

- 11. Effectiveness of Contract** 11.1. This Contract shall come into force and effect on the date (the “Effective Date”) of the Employer’s notice to the Consultant instructing the Consultant to begin carrying out the Services. This notice shall confirm that the effectiveness conditions, if any, listed in the **SCC** have been met.
- 12. Termination of Contract for Failure to Become Effective** 12.1. If this Contract has not become effective within such time period after the date of Contract signature as specified in the **SCC**, either Party may, by not less than twenty two (22) days written notice to the other Party, declare this Contract to be null and void, and in the event of such a declaration by either Party, neither Party shall have any claim against the other Party with respect hereto.
- 13. Commencement of Services** 13.1. The Consultant shall confirm availability of Key Experts and begin carrying out the Services not later than the number of days after the Effective Date specified in the **SCC**.
- 14. Expiration of Contract** 14.1. Unless terminated earlier pursuant to Clause GCC 19 hereof, this Contract shall expire at the end of such time period after the Effective Date as specified in the **SCC**.
- 15. Entire Agreement** 15.1. This Contract contains all covenants, stipulations and provisions agreed by the Parties. No agent or representative of either Party has authority to make, and the Parties shall not be bound by or be liable for, any statement, representation, promise or agreement not set forth herein.
- 16. Modifications or Variations** 16.1. Any modification or variation of the terms and conditions of this Contract, including any modification or variation of the scope of the Services, may only be made by written agreement between the Parties. However, each Party shall give due consideration to any proposals for modification or variation made by the other Party.
- 16.2. In cases of substantial modifications or variations, the prior written consent of the Employer is required.
- 17. Force Majeure**
- a. Definition** 17.1. For the purposes of this Contract, “Force Majeure” means an event which is beyond the reasonable control of a Party, is not foreseeable, is

unavoidable, and makes a Party's performance of its obligations hereunder impossible or so impractical as reasonably to be considered impossible under the circumstances, and subject to those requirements, includes, but is not limited to, war, riots, civil disorder, earthquake, fire, explosion, storm, flood or other adverse weather conditions, strikes, lockouts or other industrial action confiscation or any other action by Government agencies.

17.2. Force Majeure shall not include (i) any event which is caused by the negligence or intentional action of a Party or such Party's Experts, Sub-consultants or agents or employees, nor (ii) any event which a diligent Party could reasonably have been expected to both take into account at the time of the conclusion of this Contract, and avoid or overcome in the carrying out of its obligations hereunder.

17.3. Force Majeure shall not include insufficiency of funds or failure to make any payment required hereunder.

**b. No Breach of Contract**

17.4. The failure of a Party to fulfill any of its obligations hereunder shall not be considered to be a breach of, or default under, this Contract insofar as such inability arises from an event of Force Majeure, provided that the Party affected by such an event has taken all reasonable precautions, due care and reasonable alternative measures, all with the objective of carrying out the terms and conditions of this Contract.

**c. Measures to be Taken**

17.5. A Party affected by an event of Force Majeure shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall take all reasonable measures to minimize the consequences of any event of Force Majeure.

17.6. A Party affected by an event of Force Majeure shall notify the other Party of such event as soon as possible, and in any case not later than fourteen (14) calendar days following the occurrence of such event, providing evidence of the nature and cause of such event, and shall similarly give written notice of the restoration of normal conditions as soon as possible.

17.7. Any period within which a Party shall, pursuant to this Contract, complete any action or task, shall be extended for a period equal to the time during which such Party was unable to perform such action as a result of Force Majeure.

17.8. During the period of their inability to perform the Services as a result of an event of Force Majeure, the Consultant, upon instructions by the Employer, shall either:

- (a) demobilize, in which case the Consultant shall be reimbursed for additional costs they reasonably and necessarily incurred, and, if required by the Employer, in reactivating the Services; or
- (b) continue with the Services to the extent reasonably possible, in which case the Consultant shall continue to be paid under the

terms of this Contract and be reimbursed for additional costs reasonably and necessarily incurred.

17.9. In the case of disagreement between the Parties as to the existence or extent of Force Majeure, the matter shall be settled according to Clauses GCC 44 & 45.

## **18. Suspension**

18.1. The Employer may, by written notice of suspension to the Consultant, suspend all payments to the Consultant hereunder if the Consultant fails to perform any of its obligations under this Contract, including the carrying out of the Services, provided that such notice of suspension (i) shall specify the nature of the failure, and (ii) shall request the Consultant to remedy such failure within a period not exceeding thirty (30) calendar days after receipt by the Consultant of such notice of suspension.

## **19. Termination**

19.1. This Contract may be terminated by either Party as per provisions set up below:

### **a. By the Employer**

19.1.1. The Employer may terminate this Contract in case of the occurrence of any of the events specified in paragraphs (a) through (f) of this Clause. In such an occurrence the Employer shall give at least thirty (30) calendar days' written notice of termination to the Consultant in case of the events referred to in (a) through (d); at least sixty (60) calendar days' written notice in case of the event referred to in (e); and at least five (5) calendar days' written notice in case of the event referred to in (f):

- (a) If the Consultant fails to remedy a failure in the performance of its obligations hereunder, as specified in a notice of suspension pursuant to Clause GCC 18;
- (b) If the Consultant becomes (or, if the Consultant consists of more than one entity, if any of its members becomes) insolvent or bankrupt or enter into any agreements with their creditors for relief of debt or take advantage of any law for the benefit of debtors or go into liquidation or receivership whether compulsory or voluntary;
- (c) If the Consultant fails to comply with any final decision reached as a result of arbitration proceedings pursuant to Clause GCC 45.1;
- (d) If, as the result of Force Majeure, the Consultant is unable to perform a material portion of the Services for a period of not less than sixty (60) calendar days;
- (e) If the Employer, in its sole discretion and for any reason whatsoever, decides to terminate this Contract;
- (f) If the Consultant fails to confirm availability of Key Experts as required in Clause GCC 13.

- 19.1.2. Furthermore, if the Employer determines that the Consultant has engaged in corrupt, fraudulent, collusive, coercive *[or obstructive]* practices, in competing for or in executing the Contract, then the Employer may, after giving fourteen (14) calendar days written notice to the Consultant, terminate the Consultant's employment under the Contract.
- b. By the Consultant**
- 19.1.3. The Consultant may terminate this Contract, by not less than thirty (30) calendar days' written notice to the Employer, in case of the occurrence of any of the events specified in paragraphs (a) through (d) of this Clause.
- (a) If the Employer fails to pay any money due to the Consultant pursuant to this Contract and not subject to dispute pursuant to Clause GCC 45.1 within forty-five (45) calendar days after receiving written notice from the Consultant that such payment is overdue.
  - (b) If, as the result of Force Majeure, the Consultant is unable to perform a material portion of the Services for a period of not less than sixty (60) calendar days.
  - (c) If the Employer fails to comply with any final decision reached as a result of arbitration pursuant to Clause GCC 45.1.
  - (d) If the Employer is in material breach of its obligations pursuant to this Contract and has not remedied the same within forty-five (45) days (or such longer period as the Consultant may have subsequently approved in writing) following the receipt by the Employer of the Consultant's notice specifying such breach.
- c. Cessation of Rights and Obligations**
- 19.1.4. Upon termination of this Contract pursuant to Clauses GCC 12 or GCC 19 hereof, or upon expiration of this Contract pursuant to Clause GCC 14, all rights and obligations of the Parties hereunder shall cease, except (i) such rights and obligations as may have accrued on the date of termination or expiration, (ii) the obligation of confidentiality set forth in Clause GCC 22, (iii) the Consultant's obligation to permit inspection, copying and auditing of their accounts and records set forth in Clause GCC 25, and (iv) any right which a Party may have under the Applicable Law.
- d. Cessation of Services**
- 19.1.5. Upon termination of this Contract by notice of either Party to the other pursuant to Clauses GCC 19a or GCC 19b, the Consultant shall, immediately upon dispatch or receipt of such notice, take all necessary steps to bring the Services to a close in a prompt and orderly manner and shall make every reasonable effort to keep expenditures for this purpose to a minimum. With respect to documents prepared by the Consultant and equipment and materials furnished by the Employer, the Consultant shall proceed as provided, respectively, by Clauses GCC 27 or GCC 28.
- e. Payment upon**
- 19.1.6. Upon termination of this Contract, the Employer shall

**Termination**

make the following payments to the Consultant:

- (a) payment for Services satisfactorily performed prior to the effective date of termination; and
- (b) in the case of termination pursuant to paragraphs (d) and (e) of Clause GCC 19.1.1, reimbursement of any reasonable cost incidental to the prompt and orderly termination of this Contract, including the cost of the return travel of the Experts.

**C. OBLIGATIONS OF THE CONSULTANT****20. General****a. Standard of Performance**

20.1 The Consultant shall perform the Services and carry out the Services with all due diligence, efficiency and economy, in accordance with generally accepted professional standards and practices, and shall observe sound management practices, and employ appropriate technology and safe and effective equipment, machinery, materials and methods. The Consultant shall always act, in respect of any matter relating to this Contract or to the Services, as a faithful adviser to the Employer, and shall at all times support and safeguard the Employer's legitimate interests in any dealings with the third parties.

20.2. The Consultant shall employ and provide such qualified and experienced Experts and Sub-consultants as are required to carry out the Services.

20.3. The Consultant may subcontract part of the Services to an extent and with such Key Experts and Sub-consultants as may be approved in advance by the Employer. Notwithstanding such approval, the Consultant shall retain full responsibility for the Services.

**b. Law Applicable to Services**

20.4. The Consultant shall perform the Services in accordance with the Contract and the Applicable Law and shall take all practicable steps to ensure that any of its Experts and Sub-consultants, comply with the Applicable Law.

20.5. The Employer shall notify the Consultant in writing of relevant local customs, and the Consultant shall, after such notification, respect such customs.

**21. Conflict of Interests**

21.1. The Consultant shall hold the Employer's interests paramount, without any consideration for future work, and strictly avoid conflict with other assignments or their own corporate interests.

**a. Consultant Not to Benefit from Commissions, Discounts, etc.**

21.1.1 The payment of the Consultant pursuant to GCC F (Clauses GCC 38 through 42) shall constitute the Consultant's only payment in connection with this Contract and, subject to Clause GCC 21.1.3, the Consultant shall not accept for its own benefit any trade commission, discount or similar payment in connection with activities pursuant to this Contract or in the discharge of its obligations hereunder, and the

Consultant shall use its best efforts to ensure that any Sub-consultants, as well as the Experts and agents of either of them, similarly shall not receive any such additional payment.

21.1.2 Furthermore, if the Consultant, as part of the Services, has the responsibility of advising the Employer on the procurement of goods, works or services, the Consultant shall comply with the applicable laws of the Employer's country, and shall at all times exercise such responsibility in the best interest of the Employer. Any discounts or commissions obtained by the Consultant in the exercise of such procurement responsibility shall be for the account of the Employer.

**b. Consultant and Affiliates Not to Engage in Certain Activities**

21.1.3 The Consultant agrees that, during the term of this Contract and after its termination, the Consultant and any entity affiliated with the Consultant, as well as any Sub-consultants and any entity affiliated with such Sub-consultants, shall be disqualified from providing goods, works or non-consulting services resulting from or directly related to the Consultant's Services for the preparation or implementation of the project, unless otherwise indicated in the SCC.

**c. Prohibition of Conflicting Activities**

21.1.4 The Consultant shall not engage, and shall cause its Experts as well as its Sub-consultants not to engage, either directly or indirectly, in any business or professional activities that would conflict with the activities assigned to them under this Contract.

**d. Strict Duty to Disclose Conflicting Activities**

21.1.5 The Consultant has an obligation and shall ensure that its Experts and Sub-consultants shall have an obligation to disclose any situation of actual or potential conflict that impacts their capacity to serve the best interest of their Employer, or that may reasonably be perceived as having this effect. Failure to disclose said situations may lead to the disqualification of the Consultant or the termination of its Contract.

**22. Confidentiality**

22.1 Except with the prior written consent of the Employer, the Consultant and the Experts shall not at any time communicate to any person or entity any confidential information acquired in the course of the Services, nor shall the Consultant and the Experts make public the recommendations formulated in the course of, or as a result of, the Services.

**23. Liability of the Consultant**

23.1 Subject to additional provisions, if any, set forth in the SCC, the Consultant's liability under this Contract shall be as determined under the Applicable Law.

**24. Insurance to be Taken out by the Consultant**

24.1 The Consultant (i) shall take out and maintain, and shall cause any Sub-consultants to take out and maintain, at its (or the Sub-consultants', as the case may be) own cost but on terms and conditions approved by the Employer, insurance against the risks, and for the coverage specified in the SCC, and (ii) at the Employer's request, shall provide evidence to the Employer showing that such insurance has been taken out and maintained and that the current premiums therefore have been paid. The Consultant

shall ensure that such insurance is in place prior to commencing the Services as stated in Clause GCC 13.

**25. Accounting,  
Inspection and  
Auditing**

25.1 The Consultant shall keep, and shall make all reasonable efforts to cause its Sub-consultants to keep, accurate and systematic accounts and records in respect of the Services and in such form and detail as will clearly identify relevant time changes and costs.

25.2 The Consultant shall permit and shall cause its Sub-consultants to permit, the Employer and/or persons appointed by the Employer to inspect the Site and/or all accounts and records relating to the performance of the Contract and the submission of the Proposal to provide the Services, and to have such accounts and records audited by auditors appointed by the Employer if requested by the Employer. The Consultant's attention is drawn to Clause GCC 10 which provides, inter alia, that acts intended to materially impede the exercise of the Employer's inspection and audit rights provided for under this Clause GCC25.2 constitute a prohibited practice subject to contract termination.

**26. Reporting  
Obligations**

26.1 The Consultant shall submit to the Employer the reports and documents specified in **Appendix A**, in the form, in the numbers and within the time periods set forth in the said Appendix.

**27. Proprietary Rights of  
the Employer in  
Reports and Records**

27.1 Unless otherwise indicated in the **SCC**, all reports and relevant data and information such as maps, diagrams, plans, databases, other documents and software, supporting records or material compiled or prepared by the Consultant for the Employer in the course of the Services shall be confidential and become and remain the absolute property of the Employer. The Consultant shall, not later than upon termination or expiration of this Contract, deliver all such documents to the Employer, together with a detailed inventory thereof. The Consultant may retain a copy of such documents, data and/or software but shall not use the same for purposes unrelated to this Contract without prior written approval of the Employer.

27.2 If license agreements are necessary or appropriate between the Consultant and third parties for purposes of development of the plans, drawings, specifications, designs, databases, other documents and software, the Consultant shall obtain the Employer's prior written approval to such agreements, and the Employer shall be entitled at its discretion to require recovering the expenses related to the development of the program(s) concerned. Other restrictions about the future use of these documents and software, if any, shall be specified in the **SCC**.

**28. Equipment, Vehicles  
and Materials**

28.1 Equipment, vehicles and materials made available to the Consultant by the Employer, or purchased by the Consultant wholly or partly with funds provided by the Employer, shall be the property of the Employer and shall be marked accordingly. Upon termination or expiration of this Contract, the Consultant shall make available to the Employer an inventory of such equipment, vehicles and materials and shall dispose of such equipment, vehicles and materials in accordance with the Employer's instructions. While in possession of such equipment, vehicles and materials, the Consultant, unless otherwise instructed by the Employer in writing, shall

insure them at the expense of the Employer in an amount equal to their full replacement value.

28.2 Any equipment or materials brought by the Consultant or its Experts into the Employer's country for the use either for the project or personal use shall remain the property of the Consultant or the Experts concerned, as applicable.

#### **D. CONSULTANT'S EXPERTS AND SUB-CONSULTANTS**

- 29. Description of Key Experts** 29.1 The title, agreed job description, minimum qualification and estimated period of engagement to carry out the Services of each of the Consultant's Key Experts are described in **Appendix B**.
- 30. Replacement of Key Experts** 30.1 Except as the Employer may otherwise agree in writing, no changes shall be made in the Key Experts.
- 30.2 Notwithstanding the above, the substitution of Key Experts during Contract execution may be considered only based on the Consultant's written request and due to circumstances outside the reasonable control of the Consultant, including but not limited to death or medical incapacity. In such case, the Consultant shall forthwith provide as a replacement, a person of equivalent or better qualifications and experience, and at the same rate of remuneration.
- 31. Removal of Experts or Sub-consultants** 31.1 If the Employer finds that any of the Experts or Sub-consultant has committed serious misconduct or has been charged with having committed a criminal action, or shall the Employer determine that Consultant's Expert or Sub-consultant have engaged in corrupt, fraudulent, collusive, coercive [*or obstructive*] practice while performing the Services, the Consultant shall, at the Employer's written request, provide a replacement.
- 31.2 In the event that any of Key Experts, Non-Key Experts or Sub-consultants is found by the Employer to be incompetent or incapable in discharging assigned duties, the Employer, specifying the grounds therefore, may request the Consultant to provide a replacement.
- 31.3 Any replacement of the removed Experts or Sub-consultants shall possess better qualifications and experience and shall be acceptable to the Employer.
- 31.4 The Consultant shall bear all costs arising out of or incidental to any removal and/or replacement of such Experts.

#### **E. OBLIGATIONS OF THE EMPLOYER**

- 32. Assistance and Exemptions** 32.1 Unless otherwise specified in the **SCC**, the Employer shall use its best efforts to:
- (a) Assist the Consultant with obtaining work permits and such other



documents as shall be necessary to enable the Consultant to perform the Services.

- (b) Assist the Consultant with promptly obtaining, for the Experts and, if appropriate, their eligible dependents, all necessary entry and exit visas, residence permits, exchange permits and any other documents required for their stay in the Employer's country while carrying out the Services under the Contract.
- (c) Facilitate prompt clearance through customs of any property required for the Services and of the personal effects of the Experts and their eligible dependents.
- (d) Issue to officials, agents and representatives of the Government all such instructions and information as may be necessary or appropriate for the prompt and effective implementation of the Services.
- (e) Assist the Consultant and the Experts and any Sub-consultants employed by the Consultant for the Services with obtaining exemption from any requirement to register or obtain any permit to practice their profession or to establish themselves either individually or as a corporate entity in the Employer's country according to the applicable law in the Employer's country.
- (f) Assist the Consultant, any Sub-consultants and the Experts of either of them with obtaining the privilege, pursuant to the applicable law in the Employer's country, of bringing into the Employer's country reasonable amounts of foreign currency for the purposes of the Services or for the personal use of the Experts and of withdrawing any such amounts as may be earned therein by the Experts in the execution of the Services.
- (g) Provide to the Consultant any such other assistance as may be specified in the **SCC**.

### **33. Access to Project Site**

33.1 The Employer warrants that the Consultant shall have, free of charge, unimpeded access to the project site in respect of which access is required for the performance of the Services. The Employer will be responsible for any damage to the project site or any property thereon resulting from such access and will indemnify the Consultant and each of the experts in respect of liability for any such damage, unless such damage is caused by the willful default or negligence of the Consultant or any Sub-consultants or the Experts of either of them.

### **34. Change in the Applicable Law Related to Taxes and Duties**

34.1 If, after the date of this Contract, there is any change in the applicable law in the Employer's country with respect to taxes and duties which increases or decreases the cost incurred by the Consultant in performing the Services, then the remuneration and reimbursable expenses otherwise payable to the Consultant under this Contract shall be increased or decreased accordingly by agreement between the Parties hereto, and corresponding adjustments shall be made to the Contract price amount specified in Clause GCC 38.1

- 35. Services, Facilities and Property of the Employer** 35.1 The Employer shall make available to the Consultant and the Experts, for the purposes of the Services and free of any charge, the services, facilities and property described in the Terms of Reference (**Appendix A**) at the times and in the manner specified in said **Appendix A**.
- 36. Counterpart Personnel** 36.1 The Employer shall make available to the Consultant free of charge such professional and support counterpart personnel, to be nominated by the Employer with the Consultant's advice, if specified in **Appendix A**.
- 36.2 Professional and support counterpart personnel, excluding Employer's liaison personnel, shall work under the exclusive direction of the Consultant. If any member of the counterpart personnel fails to perform adequately any work assigned to such member by the Consultant that is consistent with the position occupied by such member, the Consultant may request the replacement of such member, and the Employer shall not unreasonably refuse to act upon such request.
- 37. Payment Obligation** 37.1 In consideration of the Services performed by the Consultant under this Contract, the Employer shall make such payments to the Consultant for the deliverables specified in **Appendix A** and in such manner as is provided by GCC F below.

#### **F. PAYMENTS TO THE CONSULTANT**

- 38. Contract Price** 38.1 The Contract price is fixed and is set forth in the **SCC**. The Contract price breakdown is provided in **Appendix C**.
- 38.2 Any change to the Contract price specified in Clause 38.1 can be made only if the Parties have agreed to the revised scope of Services pursuant to Clause GCC 16 and have amended in writing the Terms of Reference in **Appendix A**.
- 39. Taxes and Duties** 39.1 The Consultant, Sub-consultants and Experts are responsible for meeting any and all tax liabilities arising out of the Contract unless it is stated otherwise in the **SCC**.
- 40. Currency of Payment** 40.1 Any payment under this Contract shall be made in the currency(ies) of the Contract.
- 41. Mode of Billing and Payment** 41.1 The total payments under this Contract shall not exceed the Contract price set forth in Clause GCC 38.1.
- 41.2 The payments under this Contract shall be made in lump-sum installments against deliverables specified in **Appendix A**. The payments will be made according to the payment schedule stated in the **SCC**.
- 41.2.1 Advance payment: Unless otherwise indicated in the **SCC**, an advance payment shall be made against an advance payment bank guarantee acceptable to the Employer in an amount (or amounts) and in a currency (or currencies) specified in the **SCC**. Such guarantee (i)

is to remain effective until the advance payment has been fully set off, and (ii) is to be in the form set forth in **Appendix D**, or in such other form as the Employer shall have approved in writing. The advance payments will be set off by the Employer in equal portions against the lump-sum installments specified in the **SCC** until said advance payments have been fully set off.

41.2.2 *The Lump-Sum Installment Payments.* The Employer shall pay the Consultant within sixty (60) days after the receipt by the Employer of the deliverable(s) and the cover invoice for the related lump-sum installment payment. The payment can be withheld if the Employer does not approve the submitted deliverable(s) as satisfactory in which case the Employer shall provide comments to the Consultant within the same sixty (60) days period. The Consultant shall thereupon promptly make any necessary corrections, and thereafter the foregoing process shall be repeated.

41.2.3 *The Final Payment.* The final payment under this Clause shall be made only after the final report have been submitted by the Consultant and approved as satisfactory by the Employer. The Services shall then be deemed completed and finally accepted by the Employer. The last lump-sum installment shall be deemed approved for payment by the Employer within ninety (90) calendar days after receipt of the final report by the Employer unless the Employer, within such ninety (90) calendar day period, gives written notice to the Consultant specifying in detail deficiencies in the Services, the final report. The Consultant shall thereupon promptly make any necessary corrections, and thereafter the foregoing process shall be repeated.

41.2.4 All payments under this Contract shall be made to the accounts of the Consultant specified in the **SCC**.

41.2.5 With the exception of the final payment under 41.2.3 above, payments do not constitute acceptance of the whole Services nor relieve the Consultant of any obligations hereunder.

#### **42. Interest on Delayed Payments**

42.1 If the Employer had delayed payments beyond fifteen (15) days after the due date stated in Clause GCC 41.2.2, interest shall be paid to the Consultant on any amount due by, not paid on, such due date for each day of delay at the annual rate stated in the **SCC**.

### **G. FAIRNESS AND GOOD FAITH**

#### **43. Good Faith**

43.1 The Parties undertake to act in good faith with respect to each other's rights under this Contract and to adopt all reasonable measures to ensure the realization of the objectives of this Contract.

## H. SETTLEMENT OF DISPUTES

- 44. Amicable Settlement**
- 44.1 The Parties shall seek to resolve any dispute amicably by mutual consultation.
- 44.2 If either Party objects to any action or inaction of the other Party, the objecting Party may file a written Notice of Dispute to the other Party providing in detail the basis of the dispute. The Party receiving the Notice of Dispute will consider it and respond in writing within fourteen (14) days after receipt. If that Party fails to respond within fourteen (14) days, or the dispute cannot be amicably settled within fourteen (14) days following the response of that Party, Clause GCC 49.1 shall apply.
- 45. Dispute Resolution**
- 45.1 Any dispute or difference arising out of this Contract or in connection therewith which cannot be amicably settled according to Clause GCC 44 shall be finally settled under the Rules of Arbitration of the International Chamber of Commerce by one or more arbitrators appointed in accordance with the said Rules. The arbitration shall take place in the location specified in the SCC.

### III. Special Conditions of Contract

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
1.1(b) and 3.1	<b>The Contract shall be construed in accordance with the law of Democratic Republic of Timor-Leste.</b>
4.1	<b>The language is: English</b>
6.1 and 6.2	<b>The addresses are:</b>  Employer :Ministry of Petroleum and Mineral Resources (MPRM) Attention: Mr. Domingos Lequi Siga Maria E-mail: domingos.lequisiga@timorgap.com  Consultant : _____ Attention : _____ Facsimile : _____ E-mail (where permitted) : _____
8.1	<p><i>[Note: If the Consultant consists only of one entity, state “N/A”; OR If the Consultant is a Joint Venture consisting of more than one entity, the name of the JV member whose address is specified in Clause SCC6.1 should be inserted here. ]</i></p> <p><b>The Lead Member on behalf of the JV is _____</b>  _____ [insert name of the member]</p>
9.1	<b>The Authorized Representatives are:</b>  <b>For the Employer:</b> [name, title] _____  <b>For the Consultant:</b> [name, title] _____
12.1	<b>Termination of Contract for Failure to Become Effective:</b>  <b>The time period shall be: Two (2) months</b>
13.1	<b>Commencement of Services:</b>  <b>The number of days shall be: Fourteen (14) days</b>  Confirmation of Key Experts’ availability to start the Assignment shall be submitted to the Employer in writing as a written statement signed by each Key Expert.

<b>14.1</b>	<p><b>Expiration of Contract:</b></p> <p><b>The time period shall be : 6 to 12 months (based on consultant proposal)</b></p>
<b>23.1</b>	<p>The following limitation of the Consultant's Liability towards the Employer can be subject to the Contract's negotiations:</p> <p><b>"Limitation of the Consultant's Liability towards the Employer:</b></p> <p style="padding-left: 40px;">(a) <b>Except in the case of gross negligence or willful misconduct on the part of the Consultant or on the part of any person or a firm acting on behalf of the Consultant in carrying out the Services, the Consultant, with respect to damage caused by the Consultant to the Employer's property, shall not be liable to the Employer:</b></p> <p style="padding-left: 80px;">(i) <b>for any indirect or consequential loss or damage; and</b></p> <p style="padding-left: 80px;">(ii) <b>for any direct loss or damage that exceeds three (3) times the total value of the Contract;</b></p> <p style="padding-left: 40px;">(b) <b>This limitation of liability shall not</b></p> <p style="padding-left: 80px;">(i) <b>affect the Consultant's liability, if any, for damage to Third Parties caused by the Consultant or any person or firm acting on behalf of the Consultant in carrying out the Services;</b></p> <p style="padding-left: 80px;">(ii) <b>be construed as providing the Consultant with any limitation or exclusion from liability which is prohibited by the applicable law in the Employer's country"</b>.</p>
<b>24.1</b>	<p><b>The insurance coverage against the risks shall be as follows:</b></p> <p style="padding-left: 40px;">(a) <b>Professional liability insurance, with a minimum coverage of one hundred percent (100%) of the Contract Price;</b></p> <p style="padding-left: 40px;">(b) <b>Third Party motor vehicle liability insurance in respect of motor vehicles operated in the Employer's country by the Consultant or its Experts or Sub-consultants, with a minimum coverage of Two Hundred Thousand US Dollars (USD200,000.00);</b></p> <p style="padding-left: 40px;">(c) <b>Third Party liability insurance, with a minimum coverage of Two Hundred Thousand United States Dollars (USD200,000.00);</b></p>
<b>27.2</b>	<p><b>The Consultant shall not use reports and documents prepared for the Services for purposes unrelated to this Contract without the prior written approval of the Employer.</b></p>
<b>38.1</b>	<p><b>The Contract price is: _____ inclusive of taxes.</b></p> <p><b>The Consultant shall pay local taxes without reimbursement by the Employer.</b></p>

<b>40</b>	All payments shall be in <b>United States Dollars (USD)</b> .
<b>41.2</b>	<p><b>The payment schedule:</b></p> <p>Payment will be made based on the following milestones:</p> <ul style="list-style-type: none"> <li>a) Advance payment equivalent to 10% of the Contract Price against the provision by the consultant of an advance payment security of the same amount, payable upon signing of contract.</li> <li>b) Submission of Project Execution Plan (PEP) and QHSE Plan Documents : 30% of contract price</li> <li>c) Issue of Draft Report &amp; Presentation : 30% of contract price</li> <li>d) Final Report &amp; Presentation : 30% of contract price</li> <li>e) Delivery of Final Reports (including native files) : 10% of contract price</li> </ul> <p>The advance payment will be set off by the Employer in equal instalments against the statements up to Final Report &amp; Presentation.</p> <p>All invoices must have included a 10% withholding tax. Each invoice issued must be accompanied by a Progress Report summarizing the activities/works completed during the invoicing period, an S-Curve depicting planned vs. actual work execution, and a summary of activities foreseen/planned in the upcoming invoicing period.</p> <p><b>The Employer will retain 5% from each progress payment as Performance and Quality Guarantee for satisfactory performance of the Contract. The total retention money will be payable after successful completion of the Contract.</b></p> <p><i>Note:</i> Total sum of all installments shall not exceed the Contract price set up in SCC38.1.</p>
<b>41.2.4</b>	<b>The accounts are:</b>
<b>42.1</b>	<b>The interest rate is:</b> 5% per annum
<b>45.1</b>	<b>The location is:</b> Singapore





## IV. Appendices

### APPENDIX A – TERMS OF REFERENCE

[**Note:** This Appendix shall include the final Terms of Reference (TORs) worked out by the Employer and the Consultant during the negotiations; dates for completion of various tasks; location of performance for different tasks; detailed reporting requirements and list of deliverables against which the payments to the Consultant will be made; Employer's input, including counterpart personnel assigned by the Employer to work on the Consultant's team; specific tasks or actions that require prior approval by the Employer.

Insert the text based on the Section 5 (Terms of Reference) of the ITC in the RFP and modified based on the Forms TECH-1 through TECH-5 of the Consultant's Proposal. Highlight the changes to Section 5 of the RFP]

.....

### APPENDIX B - KEY EXPERTS

[Insert a table based on Form TECH-6 of the Consultant's Technical Proposal and finalized at the Contract's negotiations. Attach the CVs (updated and signed by the respective Key Experts) demonstrating the qualifications of Key Experts.]

.....

### APPENDIX C – BREAKDOWN OF CONTRACT PRICE

{Insert the table with the unit rates to arrive at the breakdown of the lump-sum price. The table shall be based on [*Form FIN-3 and FIN-4*] of the Consultant's Proposal and reflect any changes agreed at the Contract negotiations, if any. The footnote shall list such changes made to [*Form FIN-3 and FIN-4*] at the negotiations or state that none has been made.}



**APPENDIX D - FORM OF ADVANCE PAYMENTS GUARANTEE**

[*Note:* See Clause GCC 41.2.1 and SCC 41.2.1]

{Guarantor letterhead or SWIFT identifier code}

**Bank Guarantee for Advance Payment**

**Guarantor:** \_\_\_\_\_ [*insert commercial Bank's Name, and Address of Issuing Branch or Office*]

**Beneficiary:** \_\_\_\_\_ [*name and address of Employer*]

**Date:** \_\_\_\_\_ [*insert date*]

**ADVANCE PAYMENT GUARANTEE No.:** \_\_\_\_\_ [*insert number*]

We have been informed that \_\_\_\_\_ [*name of Consultant or a name of the Joint Venture, same as appears on the signed Contract*] (hereinafter called "the Consultant") has entered into Contract No. \_\_\_\_\_ [*reference number of the contract*] dated \_\_\_\_\_ [*insert date*] with the Beneficiary, for the provision of \_\_\_\_\_ [*brief description of Services*] (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, an advance payment in the sum of \_\_\_\_\_ [*insert amount in figures*] (\_\_\_\_\_) [*amount in words*] is to be made against an advance payment guarantee.

At the request of the Consultant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of \_\_\_\_\_ [*amount in figures*] (\_\_\_\_\_) [*amount in words*]<sup>1</sup> upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's written statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Consultant is in breach of their obligation under the Contract because the Consultant has failed to repay the advance payment in accordance with the Contract conditions, specifying the amount which the Consultant has failed to repay.

It is a condition for any claim and payment under this guarantee to be made that the advance payment referred to above must have been received by the Consultant on their account number \_\_\_\_\_ at \_\_\_\_\_ [*name and address of bank*].

The maximum amount of this guarantee shall be progressively reduced by the amount of the advance payment repaid by the Consultant as indicated in certified statements or invoices marked as "paid" by the Employer which shall be presented to us. This guarantee shall expire, at the latest, upon our receipt of the payment certificate or paid invoice indicating that the Consultant has made full repayment of the amount of the advance payment, or on the \_\_\_ day of \_\_\_\_\_ [*month*],

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<sup>1</sup> The Guarantor shall insert an amount representing the amount of the advance payment and denominated United States Dollar of the advance payment as specified in the Contract.

\_\_\_\_ [year],<sup>2</sup> whichever is earlier. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 revision, ICC Publication No. 758.

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*[signature(s)]*

*Note: All italicized text is for indicative purposes only to assist in preparing this form and shall be deleted from the final product.*

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