



COMISSÃO NACIONAL DE APROVISIONAMENTO GABINETE DO PRIMEIRO-MINISTRO

Consultancy Services for Pre-Front End Engineering Design (Pre-FEED) Study for LNG
Plant Timor-Leste

CONTRACT NO. : RFP/045/MPRM-2014

CLARIFICATION NO.: 1

August 19, 2014

1. The Pre-Proposal meeting for Consultancy Services for Pre-Front End Engineering Design (Pre-FEED) Study for LNG Plant Timor-Leste (CONTRACT NO. : RFP/045/MPRM-2014) was held at 15:00 hours local time on 7 August 2014 at the Conference Room of the National Procurement Commission (NPC) at Rua dos Direitos Humanos, Dili, Timor-Leste. This meeting was attended by representatives from the NPC, TIMOR GAP and the prospective consultants.
2. Mr. Rana Latif, Senior Procurement Specialist of NPC welcomed all the attendees of the meeting and gave a brief of the meeting explaining the purpose and importance of the meeting and continues with a brief presentation on the key aspects of the RFP documents and technical parts of project respectively.
3. The question and answer portion of the meeting then proceeded immediately. Questions were handled by the representatives from NPC and TIMOR GAP. The Question and Answers are enclosed in Appendix 1.
4. The attendees were informed that if they have additional questions, these can be sent to NPC fourteen (14) days before the deadline of bid submission.
5. At the end of the meeting, the NPC and TIMOR GAP representatives thanked all the attendees for their active participation in the meeting.
6. The meeting was concluded at 4:30 hours.

Enclosed:

Appendix 1-

PowerPoint Presentation on key aspects of RFP is attached


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Director
National Procurement Commission

Avenida dos Direitos Humanos, Dili, Timor-Leste



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

CONTRACT NO. : RFP/045/MPRM-2014

ADDENDUM No. 1

August 19, 2014

This Addendum No. 1 is issued to amend certain items in the Request for Proposal (RFP) in accordance with Clauses 13 of the Instructions to Consultants (ITC) for RFP/045/MPRM-2014 Consultancy Services for Pre-Front End Engineering Design (Pre-FEED) Study for LNG Plant TIMOR-LESTE, in the form of Addendum-1.

Section / Part/ Clause of ITC	As in the original Request for Proposal (RFP)	Amended as in the Addendum-1
Section: 2 - Part: E - Data Sheet Clause of ITC: 17.9	The Proposals must be received at the address below no later than: Date: 27 August 2014 Time: 1500 hours Timor-Leste time The Proposal submission address is: TENDER BOX National Procurement Commission Rua Dos Direitos, Humanos Dili, Timor Leste	The Proposals must be received at the address below no later than: Date: 17 September 2014 Time: 1500 hours Timor-Leste time The Proposal submission address is: TENDER BOX National Procurement Commission Rua Dos Direitos, Humanos Dili, Timor Leste
Section: 2 - Part: E - Data Sheet Clause of ITC: 19.1	An online option of the opening of the Technical Proposals is offered: No The opening shall take place at: National Procurement Commission Rua Dos Direitos, Humanos, Dili, Timor-Leste Date: 27 August 2014 Time: 1500 hours Timor-Leste time	An online option of the opening of the Technical Proposals is offered: No The opening shall take place at: National Procurement Commission Rua Dos Direitos, Humanos, Dili, Timor-Leste Date: 17 September 2014 Time: 1500 hours Timor-Leste time
Section: 2 - Part: E - Data Sheet Clause of ITC: 26.1	Expected date and address for contract negotiations: Date: 24 September 2014 Address: National Procurement Commission Rua dos Direitos Humanos, Dili, Timor-Leste	Expected date and address for contract negotiations: Date: 15 October 2014 Address: National Procurement Commission Rua dos Direitos Humanos, Dili, Timor-Leste
Section: 2 - Part: E - Data Sheet Clause of ITC: 28.2	Expected date for the commencement of the Services: Date at: 22 October 2014	Expected date for the commencement of the Services: Date at: 19 November 2014
Section: 6 (General Conditions of Contract) Clause GCC 21.1.3	Consultant and Affiliates Not to Engage in Certain Activities	Not Applicable

ANICETO DO ROSARIO
Director
National Procurement Commission





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Appendix 1

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

CONTRACT NO. : RFP/045/MPRM-2014

CLARIFICATION NO.: 1

19 August 2014

Sr. No.	Questions/Queries	Response
1	The Basis of design document (BODD) is part of the scope as mentioned in the RFP; however it should be prepared before the start of the pre-FEED and updated during the pre-FEED as required. Will the BOD be issued to the bidders, and is it required to be updated?	Yes, it is part of the LNG Conceptual Study Report (GS E&C and KBC) which will be made available to bidders subject to signing of Confidentiality Agreement (CA). Some of them need to be updated in the Pre-FEED as required.
2	What are the units of measurement – SI, Metric or US?	SI and/or Metric
3	Does the proposal scope begin the plant battery limit or where the feed gas pipeline comes onshore?	It is expected that the battery limit should start from the landing point of the gas pipeline comes onshore; However, Consultant is to make suggestion on the ToR / Scope of Work (SoW) if it is otherwise.
4	Are the slug catcher, pig receiver and launcher and inlet metering part of the proposal scope?	Ditto.
5	What is the feed gas composition range – does it include rich, lean and average compositions?	A lean natural gas is assumed for this study. That said, the design should also give room for slight improvement should rich gas composition (including condensate) is decided to be taken forward in the future.
6	Has all measured or expected trace contaminants (e.g. sulfur compounds, mercury, BTX, acid gases, oxygen, nitrogen, etc.) present in the feed gas been tested for?	Yes. Details can be found in the LNG Conceptual Study Report.
7	What is the current condition of the site – Cleared? Grubbed? Leveled? Is there a town or population near the proposed site?	The area is a relatively flat land. Approximately 30-50% of it is used by population for agricultural/forestry purposes. There is a village called Maluru/Beaço which is situated mostly in the eastern part of the area – i.e. marine facilities area.
8	Are there any existing standards or guidelines for layout considerations (e.g. thermal radiation, vapor dispersion, quantitative risk assessments, etc.)?	No. Consultant is expected to establish them as one of the outputs of PreFEED study.

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9	Has the recommended location of the berth/jetty been confirmed? Has the future expansion (will ultimately need two loading berths) to 20 MTPA been taken into account on the selection?	Yes.
10	For the selected location of the loading berth, is the water depth adequate (14 meters or higher)? Is there a breakwater required or needs to be studied (e.g. tidal, currents, wave heights, etc.)?	Yes. All have been studied in the Marine Facility FEED and there is no need for additional study on metocean part.
11	How much pre-investment for the future expansion of up to three more trains is required (e.g. site preparation, connection flanges, utility connections, etc.)?	There is no pre-investment required other than allocating sufficient land space for additional trains in the future. Additionally, the Consultant is expected to optimizing the facilities layouts in a manner that can cater for future expansion.
12	Would previous conceptual study reports prepared by KBC and GS Engineering & Construction be accessible and available for review during the RFP phase?	Yes but subject to signing of a Confidentiality Agreement (CA) in the first place to ensure that the report will solely be used for generating the PreFEED proposal.
13	Are there any provisions required for truck loading facilities for local deliveries?	To be studied in the PreFEED.
14	For recovery of propane, butane and condensate – will require product storages and a transport method for removing them from the LNG facility (e.g. by pipeline, truck loading, or by ship, etc.)?	To be studied in the PreFEED. Most products – LNG, Propane & Butane – are to be exported via ship. If there are condensates, they are expected to be piped to Betano Refinery, approximately 70km west of Beaco.
15	For evaluation of liquefaction technologies – is the focus on licensors with proven (i.e. operating for at least two years or longer) single train capacities in the 4.5-5 MTPA?	Yes.
16	Is 5 MTPA a nameplate (nominal) or net (guarantee) capacity?	Ideally, the 5 MTPA should be the net capacity; However, Consultant may propose a nominal capacity of 5 MTPA if it is for the purpose of fulfilling the market availability of the liquefaction technologies and cost savings.
17	Selection of heating medium (heat transfer fluid) not mention in the RFP. Is this to be suggested by the consultant?	Yes.
18	Is there an expectation that international organisations will team up with local domestic partners?	It is international bidding; however consultant can enhance their capabilities to join local companies.
19	Are organisations that participate in the Pre Feed study prohibited from participating in any subsequent FEED and or EPC type opportunities?	Given the complexity nature of the LNG projects which are not only challenging of its own but also recognizing that there are very limited Companies/Contractors with proven track records internationally who would normally do all engineering designs and EPCs, we can confirm that the successful bidder for this Pre-FEED Study will not be prohibited from participating in the subsequent work opportunities. Please refer to Addendum # 1
20	Can proposal submitted on 10 September 2014 (Wednesday)?	Please refer to Addendum # 1

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21	What are the levels of geotechnical level done so far for the site?	There had been a campaign on geotechnical samplings at a relatively and comprehensively details – i.e. Boreholes & CPTs – across the site at an interval of approximately every 100m point. These data can be made available to bidders subject to signing of a Confidentiality Agreement (CA).
22	What is the land layout / or is there any available?	The land layout of the facility is as detailed in Figure1 and Figure 2 of Scope of Works of Terms of References which can be found at pages 5-4 and 5-6, respectively.
23	What are the bases of cargo coming in?	The marine facilities FEED confirmed compatible for various LNG carriers ranging from 75,000m ³ – 210,000m ³ (Qflex). Ideally we are looking at 145,000m ³ -175,000m ³ . The Consultant is to confirm the size of storage tanks during PreFEED study.
24	What is the power/utility plan for the LNG Plant?	One internal power generation facilities (bidder / consultant to propose) with a backup from local nearby power plant (approximately 70km away). On utilities – Bidder/consultant to propose. Consultant is to confirm during the Pre-FEED study.
25	Is there a land development plan of the plant and the surrounding plant area? Can the bidder/consultant have a copy of it?	There is no land development plan in place and should it be required, the Consultant is to propose and develop one which includes topographic survey.
26	Can the bidder / consultant have a copy of the geographic report?	No.
27	What is the gas composition?	A lean gas is assumed, however, the Consultant in its designs should allow for rich natural gas (including condensate) should this latter option is chosen to be progressed/developed in the future.
28	Under whose scope is slug catcher?	It should be under the LNG Plant SoW, however, should the Consultant feel otherwise, please propose and make suggestions on the TOR.
29	How does the gas arrive? Separated? % of gas condensed?	A lean gas is assumed for this study. Refer to response to question 2.7 above.
30	Storage LNG requirements?	Bidder/consultant to propose.
31	Is for export?	Split 95% export and expected 5% for local consumption. It is expected that approximately 5% is to be used locally for the domestic power consumptions, etc. while the remainder is for export. The exact percent to be allocated locally will be developed and agreed with Client as the study progresses.



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32	Market for LNG?	Traditional LNG markets are assumed for this study, i.e. Japan, Korea, China, etc.
33	What is the expected LNG spec for Export & Local?	Consultant is to identify and propose such specifications during the Study.
34	Can the bidder have a copy of the conceptual case study?	Please refer to question #12 above.
35	Has there any Environmental Impact Assessment carried out? If yes, who did it?	A Strategic Environmental Impact Assessment has been done both for Beaçõ LNG plant and Betano refinery plant which is approximately 60-70km west of Beaçõ. It was done by Worley Parsons.
36	Any local element consideration – internal labor, training?	Yes minimum 3 local engineers to be trained as per RFP. Additional mark will be given to bidder/consultant who can propose additional local content into their org. chart or propose a plan of training and incorporate local engineers / technical staff into bidder consultant team / technical know-how / technology transfers etc. Bidder/consultant to propose. In addition, mapping out the training details along with performance indicators for monitoring and evaluations to ensure transfers of knowledge and generic statement indicating that the Consultant will take 3 (whatever no. of) engineers for training. Know-how skills during the study period will be closely evaluated and weighed higher.
37	Can bidder/consultant have the HRW/JP Kenny – pipeline and marine conceptual / FEED report?	In principle no, however, should there be a specific question arise we will consider to make available specific sections that is deemed relevant. This, too, is subject to signing of CA.
38	At the beginning of “Section 3. Technical Proposal – Standard Forms” is a table Checklist of Required Forms. This lists Form TECH-2D as being “Consultant’s Quality Assurance”, however the Form D a few pages later in the ITB is actually “References of the Consultant” and no QA form is included. Please confirm either (i) confirm no QA form is required, or (ii) provide the appropriate form for us to complete.	TECH 2D (QA Form) is not required
39	In the same Checklist of Required Forms, the page limit for TECH-6 “Team Composition, Key Experts Inputs and attached CVs” is stated as 5,	Limit of each CV is five (5) pages.

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	however, bidder is asked us to provide CVs for 9+ key personnel. Please confirm that the page limit excludes the CVs.	
40	All bidders present in meeting unanimously request for an extension on the submission dateline.	Please refer to Addendum # 1
41	Bidder is advised to maintain propose the budget under USD5 million.	This estimate is indicative and the Proposal shall be based on the Consultant's own estimates for the same. (RFP clause 14.1.2)
42	Please confirm that there is an extension of time for the proposal submission of 3 weeks (new submission date 17 th Sept) – This is due to the time required to compile a lump sum bid and the fact that we will be requesting for more information in the form of studies completed thus far Consultant requests an extension of 3 weeks as discussed in the Pre-proposal Conference.	Please refer to question # 20.
43	Please confirm that the offer is to be LUMP SUM only.	Yes – Refer to various clauses of RFP
44	<p>Please provide the following information so as to ensure that the most accurate pricing can be provided for the proposal:</p> <ul style="list-style-type: none"> • The Conceptual study for the Timor LNG plant facility inclusive of the conceptual layout (GS Engineering and Construction and KBC Advanced Technology Pte. Ltd (2010) – Conceptualization and Cost Estimation for LNG plant in Timor-Leste. Study Report) • The FEED completed for the pipeline and marine facility (Timor-Leste LNG Marine Facility FEED, 2013, HR Wallingford) • Documents complete as part of the site investigation survey for the Marine facilities FEED including: <ul style="list-style-type: none"> § Geotechnical § Geophysical; and § Metocean data and reports 	<ul style="list-style-type: none"> • Please refer to question #12 – for Conceptual Study Report. • Please refer to question #37 – for Pipeline and Marine Facilities FEED reports. • Please refer to question #21 – for Geotechnical reports. • In addition, we can also provide geophysical (bathymetric) report and metocean reports (metocean criteria report) after signing of CA.
45	Please confirm and provide any Timor-government regulations that relate to the LNG plant. The reference document “GIIGLNL Managing LNG Risks – Operational, Integrity, Regulations, Codes, and Industry Organisations, LNG Information Paper no.4” does not clearly define the regulations that apply.	Apart from Downstream Decree Law and Environmental Decree Law, there are no specific laws / regulations in Timor-Leste for LNG plant.
46	Please confirm the exact battery limits of the plant in relation to the Pipeline and marine facilities. E.g. in relation to shore crossing, pigging, slug catchers etc.	Please refer to question #3 above.
47	Please confirm that the items mentioned throughout the Terms of Reference (TOR) which relate to the	<ul style="list-style-type: none"> • Correct • However, for item 2.2a(iv), we would like to

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	marine infrastructure scope are to be excluded. E.g. item 2.4 f. iv. And potentially item 2.2a.iv.	still maintain it because of the storage capacity. The number of LNG cargoes has been assumed during the Marine Facilities FEED however, there will be a need for interface between this PreFEED study and the Marine Facilities consultant as the PreFEED study is ongoing.
48	<p>Please provide a clear understanding of whether participating in the Pre-FEED will exclude the consultant for participating in the FEED and/or the EPC scope of works,</p> <ul style="list-style-type: none">e.g. it is acceptable to make a clear recommendation for a certain technology in the concept select component of the Pre-FEED scope. The Consultant will only be excluded from bidding for the FEED and EPC Scope of works on the basis that they prepare the Draft FEED Scope of Work and technical spec for the such that it gives the consultant a competitive advantage over the other bidders .	Please refer to question no.19 above.
49	Local Content – Point 8 in TOR Page 5-16 - Timor GAP will provide 3 Engineers for us to train as part of the Study. It is recommended that the consultant should allow for the provision of office space, a phone and pc only. Pease confirm that this is acceptable.	Correct.
50	You may recall that during that meeting KBR expressed concern over the applicability and relevance of General Condition of Contract Clause 21.1.3 (Consultants and Affiliates Not to Engage in Certain Activities) and also in Section 2. Instructions to Consultants and Data Sheet, item 3. Conflict of Interest, a) Conflicting Activities.	Please refer to question no.19 above.

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