

Addendum 01 for B/29/2020

Consultancy Services for the project “Construction of a Regasified Liquefied Natural Gas (R-LNG) Pipeline from Floating Storage Regasification Unit (FSRU) located around 5km off the Kerawalapitiya coastal belt to existing and future Kelanitissa and Kerawalapitiya Power Plants”.

1. Sub-clause 1.3 of Introduction in Section 2 Instructions to Consultants has been amended and replaced as follows.

1.3 Consultants should familiarize themselves with local conditions of the location where the assignment has to be carried out and take them into account in preparing their Proposals. To obtain first-hand information on the assignment and local conditions, Consultants or his authorized representatives are encouraged to visit the Client, before submitting a proposal and to attend a pre-bid meeting if one is specified in the Data Sheet. Consultants should contact the Client’s representative named in the Data Sheet, to arrange for their visit or to obtain additional information on the Pre-bid meeting. Consultants should ensure that these officials are advised of the visit in adequate time, to allow them to make appropriate arrangements

2. Sub-clause (ii) of 1.2 in Data Sheet, Section 2 has been amended and replaced as follows.

ii. To assist CPC in reviewing & update the Agreements to be signed between the selected Project Proponent (Pipeline Transfer Agreement between CPC and Project Proponent, Implementation Agreement between GOSL and Project Proponent, Gas Transmission Agreement between FSRU/Mooring Company and Project Proponent etc.) and to draft any additional agreements if required.

3. Sub-clause (ix) of 1.2 in Data Sheet, Section 2 has been amended and replaced as follows.

ix. To set up and manage the Consultancy Team on intermittent basis consisting of the following personnel as a minimum,

- Senior Consultant – LNG Value Chain
- Lead Design Engineer – Mechanical & Process
- Lead Engineer – Electrical & Instrument
- Lead Engineer - Geotechnical
- Commercial cum Financial expert
- Project Health, Safety & Environment Specialist (PHSES)
- Legal Expert
- Sociology Expert

Note: In order to minimize the expenditure, the Consultancy Team is encouraged to attend /communicate through virtual meetings whenever the actual presence is not mandatory.

4. Sub-clause c) of 4.4 in Data Sheet, Section 2 has been amended and replaced as follows.

- c) Password of the “Financial Proposal” shall be submitted at the time of opening of the Financial Proposals and passwords or documents submitted subsequently will not be accepted under any circumstances.

5. Sub-clause d) of 4.4 in Data Sheet, Section 2 has been amended and replaced as follows.

- d) The web link (URL) to upload the bid shall be circulated among the prospective bidders who have purchased the Bidding Document on or before 1500 hrs. (Sri Lankan time) on 17.07.2020. URL will be opened at 1500 hrs. (Sri Lankan time) on 17.07.2020 for uploading of the proposals and the given web link will be terminated after the 1400 hrs. (Sri Lankan Time) on 11.08.2020.

6. Sub-clause d) of 4.4 in Data Sheet, Section 2 has been amended and replaced as follows.

- e) However it is the responsibility of the bidder to submit the bid in electronic format as above & the delay of submitting bids through email and any errors occurs while uploading files will not be considered by CPC under any circumstances.

7. Sub-clause 4.5 in Data Sheet, Section 2 has been amended and replaced as follows.

- a) The Proposal submission address is:

Manager (Procurement & Stores)
Ceylon Petroleum Corporation
No: 609
Dr. Danister de Silva Mawatha Colombo 09.

Proposals must be submitted no later than the following date and time:
11.08.2020 at 1400 hrs. (Sri Lankan time).

- b) In the event of online submission, the web link (URL) to upload the bid will be circulated among the prospective bidders who have purchased the Bidding Document on or before 1500 hrs. (Sri Lankan time) 17.07.2020. URL will be opened at 1500 hrs. (Sri Lankan time) on 17.07.2020 for uploading of the proposals and the given web link will be terminated after the 1400 hrs. (Sri Lankan Time) on 11.08.2020. However it is the

responsibility of the bidder to submit the bid in electronic format as above & the delay of submitting bids through email and any errors occurs while uploading files will not be considered by CPC under any circumstances.

8. Criteria (3) of 5.2 in Data Sheet, Section 2 has been amended and replaced as follows.

3. Key professional staff qualifications and competence for the assignment ***	Senior Consultant – LNG Value Chain [points: 04]		
	Lead Design Engineer – Mechanical & Process [points: 2.5]		
	Lead Engineer – Electrical & Instrument [points: 1.5]		
	Lead Engineer – Geotechnical [points: 1.5]		
	Commercial cum Financial expert [points: 1.5]		
	Project Health, Safety & Environment Specialist (PHSES) [points: 02]		
	Legal Expert [points: 01]		
	Sociology specialist [points: 01]		
	15	10	

9. Sub-clause (ii) of (c) Scope of the Services of the consultant in Terms of Reference, Section 5 has been amended and replaced as follows.

- ii. To assist CPC in reviewing & update the Agreements to be signed between the selected Project Proponent (Pipeline Transfer Agreement between CPC and Project Proponent, Implementation Agreement between GOSL and Project Proponent, Gas Transmission Agreement between FSRU/Mooring Company and Project Proponent etc.) and to draft any additional agreements if required.

10. Sub-clause (ix) of (c) Terms of Reference, Section 5 has been amended and replaced as follows.

- ix. To set up and manage the Consultancy Team on intermittent basis consisting of the following personnel as a minimum,
- Senior Consultant – LNG Value Chain
 - Lead Design Engineer – Mechanical & Process
 - Lead Engineer – Electrical & Instrument
 - Lead Engineer - Geotechnical
 - Commercial cum Financial Expert
 - Project Health, Safety & Environment Specialist (PHSES)
 - Legal Expert
 - Sociology Expert

Note: In order to minimize the expenditure, the Consultancy Team is encouraged to attend/communicate through virtual meetings whenever the actual presence is not mandatory.

11. Sub-clause (d) Competency requirement, Section 5 has been amended and replaced as follows.

(d) Competency Requirements

The Project Management Consultant (PMC) shall ensure that all Project Management Team (PMT) staff are experienced and competent in their respective duties and provide the client with detailed CVs.

The following competency requirements shall apply as a minimum requirement for the key Project Management Team (PMT) members of the PMC.

I. Senior Consultant – LNG Value Chain

- Professional Engineer with minimum MSc. qualification in Oil & Gas industry with specialized in LNG sector,
- Chartered Engineer or Equivalent qualification obtained from an internationally accepted professional body,
- 15 years of professional experience in Oil & Gas industry, of which minimum eight (08) Years of proven track record in LNG value chain including minimum four (04) years in LNG project developments.

(The Four (04) points shall be allocated as follows;

Chartered Engineer – 0.5 points, Msc. Qualification in Oil & Gas industry – 0.5 points, 15 years professional experience in Oil & Gas industry – 01 point, eight (08) years proven track record in LNG value chain – 01 point and four (04) years in LNG project development – 01 Point)

II. Lead Design Engineer – Mechanical and Process

- Bachelor of Science of Mechanical/Chemical Engineering,
- Chartered Engineer or Equivalent qualification obtained from an internationally accepted professional body,
- 15 years of professional experience in mechanical / process designing in Oil & Gas projects, of which six (06) years in Re-gasified Liquefied Natural Gas pipeline infrastructure projects (Onshore and offshore),

AND

- Excellent knowledge on industry standards such as API, ANSI/ASME and NFPA

(The two point five (2.5) marks shall be allocated as follows;

Chartered Engineer – 0.5 points, 15 years professional experience in Oil & Gas industry – 01 point, six (06) years' experience in Re-gasified Liquefied Natural Gas pipeline infrastructure projects – 0.5 point and knowledge on industry standards such as API, ANSI/ASME and NFPA – 0.5 Points)

III. Lead Engineer – Electrical and Instrument

- Bachelor of Science of Electrical Engineering,
- Chartered Engineer or Equivalent qualification obtained from an professional body of the respective country,
- 10 years of professional experience in electrical designing in Oil & Gas projects, of which six (06) years in LNG infrastructure development projects (Onshore and offshore),

AND

- Excellent knowledge on industry standards

(The one point five (1.5) marks shall be allocated as follows;

Chartered Engineer – 0.5 points, 10 years professional experience in Oil & Gas industry – 0.5 point, six (06) years' experience in in LNG infrastructure development projects – 0.5 point)

IV. Lead Engineer - Geotechnical

- Bachelor of Science or Bachelor in Civil Engineering,
 - Chartered Engineer or Equivalent qualification obtained from a professional body of the respective country,
- AND**
- 10 years of professional experience in Geotechnical designing in Oil & Gas projects, of which six (06) years in LNG infrastructure development projects (Onshore and offshore)

(The one point five (1.5) marks shall be allocated as follows;

Chartered Engineer – 0.5 points, 10 years professional experience in Oil & Gas industry – 0.5 point, six (06) years' experience in in LNG infrastructure development projects – 0.5 point)

V. Commercial cum Financial Expert

- A bachelor's degree in finance/business/economics or accounting from a reputed university.
- Full qualification in ACCA/CIMA/CA Sri Lanka or CFA professional qualification will be required.
- Having a master's degree in Finance/business/economics or accounting.

- Having the qualification of APMG Public-Private Partnerships Certification Program will be an added advantage.
- 10 years of professional experience in Oil & Gas industry or Petrochemical industry which minimum eight (08) Years of proven track record in financial aspects of oil and gas up stream or downstream industry and project.
- A minimum of 5 years demonstrated work experience in an environment similar to BOO, BOOT and PPP's e.g., preparation of business or infrastructure project feasibility studies, project appraisal/evaluation, corporate/project finance, financial modelling, analysing risks and structuring of projects.

AND

- Demonstrated work experience in PPPs in local environment will be an added advantage.

(The one point five (1.5) marks shall be allocated as follows;

Full qualification in ACCA/CIMA/CA Sri Lanka or CFA professional qualification – 0.3 points, Master's degree in Finance/business/economics or accounting. – 0.2 point, APMG Public-Private Partnerships Certification Program – 0.2 point, 10 years of professional experience in Oil & Gas industry or Petrochemical industry which minimum eight (08) Years of proven track record in financial aspects of oil and gas up stream or downstream industry – 0.4 point, minimum of 5 years demonstrated work experience in an environment similar to BOO, BOOT and PPP's - 0.2 point, Demonstrated work experience in PPPs in local environment – 0.2 point)

VI. Project Health, Safety & Environment Specialist (PHSES)

- Bachelor of Science in Engineering or Process Safety,
- 10 Years of Postgraduate Experience in the Oil & Gas Industry of which five (05) years of experience as an HSE Engineer in the Oil & Gas Industry,
- NEBOSH Diploma/ NEBOSH IGC/ IOSH,
- Experience in working with Natural Gas,
- Experience in conducting HSEIA studies,
- Experience in working with International Donor Agencies,
- Experience in conducting HSE Audits,
- Qualified as a lead auditor for ISO 14001:2015 and/ or ISO 45001:2018,

AND

- A Local personnel is preferred for this position

(The two (02) points shall be allocated as follows;

Bachelor of Science in Engineering or Process Safety – 0.1 points, NEBOSH Diploma/NEBOSH IGC/IOSH – 0.05 points, Qualified as a lead auditor for ISO 14001:2015 and/or ISO 45001:2018- 0.05 points, Experience in conducting HSEIA studies/HSE audits – 0.1 points, Experience in working with Natural gas- 0.1 points, Experience in working with International Donor Agencies – 0.1 points, 10 years professional experience in Oil & Gas industry – 0.75 points, five (05) years' experience as an HSE Engineer in the Oil & Gas Industry – 0.75 points)

VII. Legal Expert

- Bachelor of Law,
- Attorney at Law,
- 10 years professional experience in legal consultancy

AND

- Preferably a local person

(The one (01) point shall be allocated as follows;

Bachelor of law – 0.25 points, Attorney at Law – 0.25 point, 10 years professional experience in legal consultancy – 0.25 points and local person – 0.25 points)

VIII. Sociological Specialist

- Bachelor of Arts or Bachelor of Science degree,
 - Minimum two (02) years' experience in working in ADB funded projects,
- AND**
- Either 10 years' experience with minimum four (04) years in socio-economic, applied environment and development sociology.

(The one (01) point shall be allocated as follows;

Bachelor of Arts or Bachelor of Science degree – 0.25 points, Minimum two (02) years' experience in working with ADB – 0.50 points., four (04) years 'experience in socio-economic, applied environment and development sociology – 0.25 points)

12. Sub-clause 4 of (e) Tentative Time Schedule in Section 5 has been amended and replaced as follows.

No	Tasks	Expected duration for the task(Weeks)
4	Review and update the Agreements to be signed (Pipeline Transfer Agreement between CPC and Project Proponent, Implementation Agreement between GOSL and Project Proponent, Gas Transmission Agreement between FSRU/Mooring Company and Project Proponent etc.) & draft any additional Agreements if required.	
4.1	Review and update the Agreements to be signed between Project Proponent & Stakeholders	3
4.2	Finalize draft Agreements by incorporating Hon. AG's comments if any	2
4.3	Draft any additional agreements if required.	3

13. Sub-clause 5.3 of table (e) Tentative Time Schedule in Section 5 Terms of Reference has been amended and replaced as follows.

5.3	Execution & Commissioning Stage of the Project	
5.3.1	Assist CPC during the project execution stage	2
5.3.2	Assist CPC in assessing the Pre-commissioning Equipment, Pre-commissioning Activities, Commissioning Activities, As-Built Survey and Performance Testing.	4

14. Sub-clause (b) of 6.5 Local Currency Component in (III) Special Conditions of contract in Section 6, Standard Form of Contract has been amended and replaced as follows.

- (b) Ten (10) percent of the lump-sum amount of the Sri Lankan Rupee component shall be paid upon fulfillment of the below milestones:
- i. Review and update Business Model of CPC
 - ii. Review & update Agreements to be signed between Project Proponent & Stakeholders & draft any additional agreements if required.

15. Sub-clause 6.5 Foreign Currency Component in (III) Special Conditions of contract in Section 6, Standard Form of Contract has been amended and replaced as follows.

Foreign Currency Component:

- (a) An advance payment not exceeding Twenty (20) percent of the Foreign Currency component shall be paid on the date of effectiveness, against the submission of an on-demand Bank guarantee issued by a commercial bank operating in Sri Lanka for the same amount. This advance payment will be recovered by deducting at the rate of 25% from each interim payments

- (b) Ten (10) percent of the lump-sum amount of the Foreign Currency component shall be paid upon fulfillment of the below milestones:
 - iii. Review and update Business Model of CPC
 - iv. Review & update Agreements to be signed between Project Proponent & Stakeholders & draft any additional agreements if required.

- (c) Ten (10) percent of the lump-sum amount of the Foreign Currency component shall be paid upon fulfillment of the below milestones:
 - i. Assist CPC in answering Clarifications and recommend amendments

- (d) Twenty (20) percent of the lump-sum amount of the Foreign Currency component shall be paid upon fulfillment of the below milestones:
 - i. Assist CPC in evaluating the Technical & Financial Proposals submitted
 - ii. Finalize draft Agreements by incorporating Hon. AG's comments if any

- (e) Forty (40) percent of the lump-sum amount of the Foreign Currency component shall be paid upon fulfillment of the below milestones:
 - i. Review Project Execution Plan (PEP) for the Work which consists of Project Proponent's management, planning and scheduling, internal control, quality, safety and other systems and processes required to ensure the proper performance and completion of the Work (5%)
 - ii. Review mobilization, installation and contingency procedures submitted by the Project Proponent (2%)
 - iii. Review the Pre-Engineering Survey (i.e Geotechnical Surveys, Marine Surveys of the Pipeline route corridor (5%)
 - iv. Review process flow diagrams (PFDs), process data sheets, and piping and instrument diagrams (P&IDs) (3%)
 - v. Review simulation model(s) and heat and material balances and the documented the process simulation basis and results (5%)
 - vi. Review the design and other mandatory documents to be submitted by the Project Proponent with regard to but not limited to Basic engineering,

- Pipeline Engineering, Mechanical Engineering, Electrical and Instrumentation Engineering, Engineering Design Codes etc. (15%)
- vii. Review the documents submitted as per the RFP with regard to construction of onshore pipeline section (5%)
- (f) Ten (10) percent of the lump-sum amount of the Foreign Currency component shall be paid upon fulfillment of the below milestones:
- i. Assist CPC at the time of Public Consultations for EIA and responding to concerns forwarded to CPC (5%)
 - ii. Review the EIA Study forwarded and make recommendations on behalf of CPC (5%)
- (g) Ten (10) percent of the lump-sum amount of the Foreign Currency component shall be paid upon fulfillment of the below milestones:
- i. Assist CPC during the project execution stage. (5%)
 - ii. Assist CPC in assessing the Pre-commissioning Equipment, Pre-commissioning Activities, Commissioning Activities, As-Built Survey and Performance Testing. (5%)