



4 December 2023

Dear Sir/Madam,

Invitation for 'Expressions of Interest and Pre-Qualification' for Front End Engineering Design Services (FEDS).

Brunei Shell Petroleum Co. Sdn Bhd (BSP) is seeking Expressions of Interest (Eoi) and Tender prequalification from Companies for the Front End Engineering Design Services from 2025-2030.

Tender Scope:

The front-end engineering scope will focus on identifying and assessing technical feasibility opportunities across brownfield facilities, that involves but not limited to process and safeguarding system, pipeline & evacuation systems, and power & energy transition.

Further description of the procedure and the scope of work has been provided as follows:

- Attachment 1 – Instructions.
- Attachment 2 – Scope.

BSP requires interested parties to **submit** the following information in the Attachment :

- Attachment 3 – Questionnaire.

Attachment 1 and 2 is for your reference and will not form part of your submission for this Eoi and Prequalification. For your participation in this EOI to be considered valid, you must complete Attachment 3. Your responses to the questions and forms attached to this letter will be evaluated by BSP. The output of the evaluation will be used to pre-qualify CONTRACTORS for the abovementioned future Tender.

Local Business Development (LBD).

Brunei Shell Joint Venture (BSJV) Companies' LBD requirements are in line with the LBD Directives as issued by the Department Energy. This scope falls under the 'Development' Quadrant of the LBD Framework.



شريك ميپف بروني شيل سنديرين برحد

Brunei Shell Petroleum Co Sdn Bhd

Jalan Utara, Panaga

Seria KB3534

Negara Brunei Darussalam

Website: www.bsp.com.bn

Tel: +673 3373999

Fax: +673 3372040

- EoI is open for Local Companies;
- The owners of the company must actively participate in its management and day to day running of the business;
- Recruitment and development of suitably qualified Bruneian staff, including graduates will be part of Tender / Contract.

Tender/Contract Schedule

- Planned tender date: Q2 2024
- Contract Duration: 5 Years (with extension option of 1+1 year)

There may be potential information to be shared with CONTRACTORS from clarifications received during the EOI period prior to the closing date. Hence, please fill in the form in Appendix 1 and email to Mariani.abbas@bsp-shell.bn to confirm your interests and to receive any additional information.

Registration of Vendor in SMART system

- Kindly register your company under **Work Category Engineering and Design**.
- For non-BSJV registered vendor, please refer to <https://www.bsp.com.bn/main/icv/doing-business-with-bsjv/getting-registered> for further information on how to register with BSJV.
- For details on Work Category and Product Group, please refer to: <https://www.bsp.com.bn/main/icv/doing-business-with-bsjv/local-business-development/products-and-services>. For existing BSJV vendors, please ensure that your company details are updated online in Smart By GEP.
- Acceptance of your company registration shall be in compliance to our registration checklist and criteria

For any SMART registration-related queries, kindly email to: bsp-scm13-vendor-registration@bsp-shell.bn.

For any EoI related queries, kindly email: Mariani.abbas@bsp-shell.bn.

Kindly fill in the questionnaire attached herein and indicate your acceptance by ticking (✓) in the respective boxes no later than 31 January 2024 via the [BSP ICV Website](#).



شریكٲ میٲف برونی شیل سنڊیرین برحد

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This Expression of Interest shall not be deemed to be an invitation to tender. BSP shall have the right and sole discretion to reject any part or all of the response made by the Contractor. BSP shall have the right and sole discretion to determine the bidders for this tender. This letter serves solely for the purpose of obtaining Expressions of Interest and shall neither in any way be construed as to create any legal obligation on the parties responding to this advertisement nor mentioned herein. Expenses incurred in connection to this shall be borne in its entirety by the interested parties.

Yours faithfully,

For and on behalf of **BRUNEI SHELL PETROLEUM COMPANY SENDIRIAN BERHAD**

Mariani Abbas
Supply Chain Executive SCM/34

Business Integrity Hotline:

LAPOR: +673 337 7600

Shell Global Helpline: 800-1111 then 800-961-4117

Anti Corruption Bureau: +673 238 2395 or +673 872 1002



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Appendix 1

EXPRESSION OF INTEREST FORM 1

Email to : Mariani.Abbas@bsp-shell.bn

Your reference: Expression of Interest FEDS

Date:

Reference is made to your letter with regards to referenced project. Please contact the email below for us to receive any EOI information, update and clarifications prior to closing date of EOI.

Company Name	
Contact Person Name	
Position held	
Signature	
Date	
Address	
Phone number	
Email address for telecon/contact	

Business Integrity Hotline:

LAPOR: +673 337 7600

Shell Global Helpline: 800-1111 then 800-961-4117

Anti Corruption Bureau: +673 238 2395 or +673 872 1002

ATTACHMENT 1
OBJECTIVES, REQUIREMENTS & INSTRUCTIONS

A. Objectives

1. PURPOSE OF INSTRUCTIONS

- a) These instructions are part of and are to be read in conjunction with all other elements of the Company Provided Documents.
- b) For the purpose of the Company Provided Documents any reference to "COMPANY" means Brunei Shell Petroleum Company Sendirian Berhad, unless specifically indicated otherwise. Any reference to "CONTRACTOR(s)" means the Contractor(s) participating as a respondent to this EOI.
- c) The purpose of this document is to inform CONTRACTORS of the proper procedures, which must be complied with to satisfy the requirements of the COMPANY for the Submission. Deviations from these practices may result in the proposal being rejected.
- d) Queries regarding interpretation should be directed to the COMPANY via email to Mariani.abbas@bsp-shell.bn prior to 22nd January 2024. CONTRACTOR to note that COMPANY's declare "Quiet period" from 24 December 2023 to 8 January 2024 whereby no responses will be made to CONTRACTORS' clarifications.

2. PURPOSE OF THIS EXPRESSION OF INTEREST AND PREQUALIFICATION

- a) Brunei Shell Petroleum Company Sdn Bhd (BSP or "COMPANY") is issuing this Expression of Interest (EOI) and Prequalification as part of the selection process organised by COMPANY to select CONTRACTORS for potential Invitation to Tender (ITT) for the Front End Engineering Design Service (FEDS) Contract from 2025-2030.
- b) The detailed scope is provided in Attachment 2.
- c) This Expression of Interest and Prequalification is the first stage of this identification and selection process.
- d) The deliverables for this EOI and Prequalification are in Attachment 3.
- e) The objectives of this EOI and Prequalification are as follows:
 1. To request proposals for the FEDS Contract.
 2. To select and prequalify CONTRACTORS for potential ITT in Q2 2024.
- f) These 2 objectives are further described below.

1 REQUEST FOR PROPOSAL FOR THE FEDS CONTRACT

The information provided by COMPANY in this EOI (“Company Provided Documents”) describes the high-level scope of the FEDS. It is COMPANY’s intention to obtain proposals from CONTRACTORS for the execution of the scope.

2 SELECTION AND PREQUALIFY CONTRACTORS FOR POTENTIAL ITT IN Q2 2024

This EOI should be regarded as part of the selection process organized by COMPANY to select business partners for the execution of the FEDS. The Submissions will be evaluated by COMPANY on their credibility to achieve said objectives. Failure to issue a credible proposal may result in exclusion from next steps in the selection process.

3. CONFIDENTIALITY OF PROPOSALS

COMPANY will undertake to keep the documentation submitted by CONTRACTORS confidential. Submitted documentation will be reviewed by personnel and/or representatives of COMPANY.

B. Requirements

1. SCOPE

COMPANY's intention is to eventually award the FEDS contract to CONTRACTOR who will be considered business partners to COMPANY. COMPANY encourages CONTRACTORS to submit proposals which demonstrate capability (alone or in a partnership with others) to successfully execute the scope.

The front-end engineering scope will focus on technical feasibility evaluation including site verification and brownfield assessment and market survey or benchmarking as required. The study scope may include up to conceptual design. The front-end engineering scope is to support maturation of infrastructure projects (non-hydrocarbon) within BSP assets including pipelines prior to project investment decision.

2. LOCAL BUSINESS DEVELOPMENT (LBD) DIRECTIVES

- a) This EOI is open for **Local Companies**. Please refer to: <https://www.bsp.com.bn/main/icv/doing-business-with-bsjv/local-business-development> for definition of Local Companies.
- b) Technical support by International Companies is allowed.
- c) CONTRACTOR's attention is drawn to the Directives on Local Business Development as issued by the Department of Energy, Brunei Darussalam. The directives are published here: <https://www.energy.gov.bn/SitePages/index.aspx>
- d) Emphasis is also to be made on the target parameters in the LBD contract as stipulated in the LBD Framework in LBD Directives 2. Such parameters are % local employment, % local content and % management, active demonstration of owner in managing the Company and maximum utilisation of local subcontractors.

3. SUBMISSION OUTLINE

The following shall form the Submission outlines. It is mandatory to submit each of these documents:

Att.	Topic	Mandatory submittal by CONTRACTOR
	Cover letter	Form 1 to be submitted by CONTRACTOR asap via email.
1.	Instructions	n/a – info provided by COMPANY
2.	Scope	n/a – info provided by COMPANY
3.	Questionnaires	Mandatory

4. PROPOSAL FORMAT

The pre-described formats as outlined in the Company Provided Documents shall be strictly adhered to.

COMPANY would like to emphasize that it is essential that your Submission is tailored to COMPANY's scope, location, regulations and other factors specific to BSP's. Failure to adequately address the specifics of this project will result in a negative evaluation of the Submission.

5. CLOSING DATE

The Closing Date and Time for receipt of Submissions is 31 January 2024.

C. Submission

1. REQUEST FOR FURTHER INFORMATION / CLARIFICATIONS

- a) Queries regarding interpretation should be directed to the COMPANY via email to Mariani.abbas@bsp-shell.bn in English prior to 22 January 2024. CONTRACTOR to note COMPANY's declare "Quiet period" from 24 December 2023 to 8 January 2024 whereby no responses will be made to CONTRACTORS' clarifications.
- b) Except as provided above CONTRACTORS are not permitted to contact or communicate with any member of the COMPANY's staff on any matter relating to this EOI.

2. PREPARATION OF SUBMISSIONS

- a) CONTRACTORS are required to complete all elements of the Company Provided Documents, which along with any annotations on accompanying material must be in the English Language.
- b) No Submission will be considered in which the particulars required are not completed in full. No Submission will be considered which do not adhere to the requirements set forth herein.
- c) Where CONTRACTORS have indicated their participation in this EOI, CONTRACTOR must submit its proposal in pdf format.
- d) Submissions pertaining to Attachment 3 ("Questionnaires") shall be concise and focused on addressing the question.
- e) Any information not specifically requested in the Company Provided Documents will not be considered part of the Submittal. **BSP is explicitly soliciting solutions tailored to its particular scope and circumstances. Generic information (including brochures, marketing materials and factsheets) may not be considered for evaluation.**
- f) COMPANY will reject submittals not in line with above guidance.
- g) CONTRACTORS are to bear responsibility for and pay all costs and expenses and other charges incurred in preparing their Submission.

3. CONSIDERATION

- a) COMPANY hereby reserves the right to request any further information it may deem necessary to evaluate the Submission.
- b) Due to the anticipated volume of responses, COMPANY will not be in a position to provide a de-brief session to each CONTRACTOR.

APPENDIX 2 - TERMINOLOGY

The following terminology is used through the Company Provided Documents.

Attachment 1 – INSTRUCTIONS

BSP/ COMPANY	Brunei Shell Petroleum Company Sendirian Berhad
BSJV	Brunei Shell Joint Ventures (BSP, BLNG, BSM)
EOI or Eoi	Expression of Interest
FEDS	Front End Engineering Design Services
HSSE	Health Safety Security Environment
JV	Joint Ventures
LBD	Local Business Development
CONTRACTOR/ Participant	Party issuing a Submission to this EOI
Submission	CONTRACTOR's response to this EOI

ATTACHMENT 2
PROJECT INTRODUCTION AND SCOPE

A. Project Background

1 BACKGROUND

Brunei Shell Petroleum (“BSP” or “COMPANY”) has plan to initiate a Front-End Engineering Design Service which aligns with BSP’s transformation to achieve Production Must Win and OPEX Must Win targets in economically robust, safe and efficient manner.

A key focus area in the BP23 is to mature activities faster through the decision gates to maintain reliability of BSP production system and realise OPEX reduction target. This needs to go hand in hand with integration view of new Hydrocarbon (HC) and Non-HC opportunities on existing facilities. The COMPANY will also embark on Energy transition Project that strategic fit the COMPANY future.

The front-end engineering scope will focus on identifying and assessing technical feasibility opportunities across brownfield facilities, that involves but not limited to process and safeguarding system, pipeline & evacuation systems, and power & energy transition. The evaluation will ultimately produce a scope of work that includes site verification and brownfield assessment and market survey or benchmarking as required. For certain projects, as advised by COMPANY, the front-end engineering scope may include up to conceptual design.

The front-end engineering scope also includes business development of non-hydrocarbon project within BSP assets maturing opportunity into project investment decision. This ‘engineering capabilities’ via FEDS Contractor will also enable BSP to manage peak loads of engineering activities, as and when required.

2 SUMMARY OF SCOPE

In general, the scope will be covering all infrastructure projects including special projects within BSP Project portfolio for both onshore and offshore assets. The categorisation can be summarised as below:

2.1 Minor Project

Majority of the brownfield asset projects will fall under this category. CONTACTOR will work with the COMPANY to develop business case proposal and evaluation to demonstrate value proposition, which otherwise would be run and maintain scopes under Asset. Typically, this would have low brownfield complexity and likely “Fix As Is” with upgrades that change the basic intent of the engineering design of the asset or simple upgrade with no impact on production or low/no impact to Safety Critical Equipment (SCE) or Process Safety. Technical review and assurance within disciplines are expected. Examples of such projects are, but not limited to:

- Installation of minor equipment such metering unit, a local sand filter etc.
- Upgrade or Replacement of injection skids for chemicals management.
- Improvement to power generation.

- Sump pumps rationalization

2.2 Asset Brownfield

More complex and highly integrated Asset based projects, typically those having interface and synergy with hydrocarbon development maturation. The scope would require in depth inter-disciplines study and assessment to provide holistic integration of the project execution timeline. Examples of projects are, but not limited to:

- Process system pressure cascade project.
- Remote vent to local vent conversion.
- Simplification and rationalization of minor complex.
- Evacuation System and Pipeline Rationalization.
- Obsolescence Changeout of Major Equipment.
- Compressors Replacement.

This would require integrated technical review and project assurances to progress into next decision milestones.

2.3 Special Projects

These are key projects or studies which are focusing on special technical expertise or novel technology or non-standard engineering solution which has limited capability in country or in region. Examples of projects are, but not limited to:

- Power from Shore for Offshore Assets Electrification.
- De-complexing of Major Hub/Field.
- Low-Cost Development such as slim-standardized platform.
- Production Evacuation and Export Pipeline Studies.
- Non-conventional energy & power solution including renewable energy such as solar, geo-thermal, wind power etc.
- Deepwater Engineering Design and Operation incl. Floater.
- Shallow Water Subsea Engineering Design and Operation.
- De-carbonization and/or carbon captures of existing assets.
- Real Estate Management e.g. storage, utilities, civil works, buildings.

3 CONTRACT TIMELINE

The proposed total duration for execution work under the contract is 5 years with options to extend by 1+1 year.

Future scope for Front End Engineering Design Service (pre DG3 Feasibility Studies) forecasted to remain constant for the next 5 years based on Business Plan BP23. COMPANY shall notify any updates or changes as per COMPANY's annual business plan cycle, whereby deliverables could be given prioritization hence revision update to the forecasted front-end engineering scopes to be delivered and the engineering manhours required for a given business planning year.

B. Scope

1. GENERAL

Participants will bring a broad range of capabilities to successfully execute the scope, which will typically include but not be limited to the following:

	QRA, EIA	Market Survey	Feasibility Study	Conceptual Design	Site Survey & Brownfield Verification
Scope	Conduct required HSSE & SP assessment to support project maturation	Market intel and global benchmarking e.g. novel technology in design, engineering, construction and/or installation	Conduct feasibility assessment (business case decision) and technical feasibility study to support feasibility decision and concept select	Included in NFF document and/or Basis for Design document to support project investment decision	As required to ensure robust scoping – known unknown of ranging brownfield complexity.
			Constructability (removal, tie-ins, installation) marked up drawings (removal, tie-in, installation), PDMS		
Skills & Boundary	HSSE & SP	Business Development & Supply Chain	Discipline Lead & Discipline Engineers; Discipline Designers	Discipline Lead & Discipline Engineers; Discipline Designers	Designers
	Brownfield, Onshore Plant, Offshore Shallow Water, Energy & Power, Late Life Asset, GHG Emission, Production Optimisation, Decomplexing, Flow Assurance, Decarbonisation				
Assurance	YES	N/A	YES	YES	YES
Value Driver	Compliance	Value to Project	Technical Robust Solution (MTS)	No Scope Change post DG3	Flawless Execution
Deliverables	QRA Report EIA Report HAZID, HAZOP	Benchmarking Report, Technology Application	Feasibility Report incl. disciplines NFF	BfD Constructability Report	Reports & Findings

Typical scope to be performed under the CONTRACT may include any of the following:

- (i) Fulfilled obligatory deliverables within the Opportunity Realization Process agreed with COMPANY.
- (ii) Perform single and/or integrated multi-disciplines (structural, civil, process, electrical, automation and control, metering, mechanical rotating, mechanical static & piping, pipelines, materials & corrosion and HVAC) engineering studies and design.
- (iii) Carry out market intelligence to propose competitive solutions.
- (iv) Implement optimisation, rationalisation, de-bottlenecking of existing complexes, facilities, or systems.
- (v) With COMPANY, provide input and conduct cost estimate and schedule of Type from 0 to 3, in accordance to the project phase.
- (vi) Manage Risks through assess and define phase, and demonstrate ALARP with focus to eliminate risks at the execution phase.
- (vii) With COMPANY, provide input and conduct Constructability Reviews.
- (viii) Technical & Process Safety studies and review.
- (ix) Other engineering scope/services

ATTACHMENT 2 – PROJECT INTRODUCTION AND SCOPE

- a) Laser Scanning & 3D modelling,
- b) Cathodic Protection System design,
- c) Simulation modelling (static and/or dynamic)
- d) Soil investigation analysis and studies
- e) Digitization of hard copy documents into electronic format as required.

Typical scope package activities and deliverables may involve one or more of any of the project maturation phases; thus it is utmost that we treat projects in different phases deliverables in accordance with the project phases as tabulated below.

The CONTRACT is expected to conduct study, to provide input, to develop, to participate in any of the activities and ensuring scope package is completed timely with acceptable quality of the respective milestone deliverables.

DG1	Opportunity Framing Workshop
	HSSE & Social Performance
	Lesson Learnt & Benchmarking
	Type 0 Cost Estimate
	Level 0 Schedule
	Risks Register
	Integrated Technical Review ITR-1
DG2	Opportunity Reframing
	HSSE & Social Performance
	Competitive Concept Identification Workshop
	Type 1 Cost Estimate
	Type 1 Schedule
	Risks Register
	Feasibility Report
Integrated Technical Review ITR-2	
DG3	Opportunity Reframing
	HSSE & Social Performance
	Concept Select Report, Note for File
	Field Development Plan, Basis for Design, Scope of Work
	Project Execution Strategy
	Integrated Construction Commissioning Schematic
	Type 2 Cost Estimate
	Type 2 Schedule
	Risks Register
Integrated Technical Review ITR-3	

On selected, case by case basis, the CONTRACT scope may include the following deliverables. COMPANY will notify and inform prior commencement of the activity and both to agree terms and conditions stipulated.

ATTACHMENT 2 – PROJECT INTRODUCTION AND SCOPE

DG4	Conceptual Design, Basic Engineering Design Package (AFDD)
	Project Execution Plan
	Commissioning Start Up Plan
	Operation Readiness Assurance Plan
	Type 3 Cost
	Level 3 Schedule

2. OTHER CONSIDERATION

Due to the vast array of solutions potentially available to CONTRACTOR resource, CONTRACTOR shall need to demonstrate adequate experience by creating a form of arrangement to the to manage this out of country expertise.

**EXPRESSIONS OF INTEREST FOR:
– Front End Engineering Design Services (FEDS)
Attachment 3 – Questionnaire**

A. COMPANY INFORMATION QUESTIONNAIRE

LOCAL COMPANY INFORMATION FORM

1. Name of Local Bruneian Company:

2. Local Bruneian Company Registration number and date:

Note: Definition of Local Company and Joint Venture can be found under Terminology at <https://www.bsp.com.bn/main/icv/doing-business-with-bsjv/local-business-development>.

3. Organisation particulars:

(a) Current Local Company employment details:

	As of November 2023		
	Local	Non-Local	% Local
Management			
Supervisory			
Skilled			
Un-skilled			
Admins & Accounts			
Total (number)			

(b) ORGANISATION CHART

To submit the existing Company organisation chart.

(c) OWNERSHIP INFORMATION

Local Bruneian Company ownership details to be provided in the table below. Please provide copies of IC of owners.

No.	Company Name	Details of ownership (State Full Name, IC No. & Colour, Nationalities, Position)	Ownership %	Actively Managing Company's Operation (Yes/No)	Names of Authorised Signatories, IC No. & Colour	Names of Director, IC No. & Colour	Please state Ex-BSJV staff (if any) (Yes/No) (State name, IC No., year of resignation, last position in BSJV)

**EXPRESSIONS OF INTEREST FOR:
– Front End Engineering Design Services (FEDS)
Attachment 3 – Questionnaire**

<i>E.g.</i>	<i>XYZ Sdn Bhd</i>	<i>Director Name: Ali bin Abu IC No. 00-000000 (Yellow) Bruneian Position: Managing Director</i>	<i>100%</i>	<i>Yes</i>	<i>Name: Dayang Siti Aminah binti Haji Abdullah (IC No. 01-123456 (Yellow)</i>	<i>Name: Dayang Siti Aminah binti Haji Abdullah (IC No. 01- 123456 (Yellow)</i>	<i>Name: Ali bin Abu IC No. 00- 000000 (Yellow) Last Position: HSSE Manager in 2010</i>
1.							
2.							

(d) Authorised signatories

Provide attachment of the letter from the Bank on the account information including the names of the Authorised Signatories for the Bank account of the Local Bruneian Company.

(e) Is the Local Company holding an existing contract with Brunei Shell Joint Venture (BSJV)? Yes or No. If yes, please provide information on which Contracts?

4. For Local companies with intention to subcontract or Technical support from International Companies, please provide the following information and provide Letters of confirmation of support including information on scope being supported. (Note: To ensure experience of subcontractor or technical support is provided in Experience questionnaire).

	Name of International company (subcon or Technical support)	Scope being supported
1		

5. Please provide copies of Form X.

**EXPRESSIONS OF INTEREST FOR:
– Front End Engineering Design Services (FEDS)
Attachment 3 – Questionnaire**

6. Please complete this section by ticking YES or NO:

		Yes	No
1	Are you willing to comply with all applicable laws, regulations and Directives of Brunei Darussalam, including SPK requirements and LBD Directives?		
2	Please confirm that the owners of your company are actively managing the day-to-day operations of your company. (Kindly provide owner's details in table 'A' provided below)		
3	Have you or any of your key personnel worked for Brunei Shell Joint Venture (BSJV) Companies? (If 'YES' Kindly provide details in table 'B' provided below)		

Table B. Please provide Ex-BSJV details (who worked for BSJV Companies in the last 2 years) in the table below:

Full Name	Position in Tenderer's Company	Involvement in Existing EOI/Tender (i.e. Tender Preparation; Contract Execution; etc)	Year Left BSJV Company	Job Title, Indicator, Department

7. Please provide the following documentations including any revision made: Audited financial accounts: 2020,2021,2022.
8. Provide information what are the achievable targets on the parameters as stipulated in LBD Directive 2, by when (say Year 1, Year 2, etc) and what is the likely annual increase?
9. Do you intend to partner or form joint venture with another local company/ companies? Yes/No. State what is your role and their role.
10. Please advise technical business partners who can provide services deem to compliment Front End engineering works. Please declare companies and relation base on experience of corporation and when.

Companies	Scope	Relation	Year

**EXPRESSIONS OF INTEREST FOR:
– Front End Engineering Design Services (FEDS)
Attachment 3 – Questionnaire**

11. The COMPANY is expecting to venture into Non Hydrocarbon business as part of the drive to make more efficient operation and to demonstrate social responsibility. Participant are required to advise if they have current project and business relations with companies in these areas.

Project Name	Business partner	Scope
Example Green office building		

12. Provide information on CONTRACT office currently owned/ rented/ leased being used for previous projects and intended for this CONTRACT. The base load of FEDS activities, anticipate requirement of around 50-staffs of technical background. Please confirm CONTRACT office is equipped with at least the following infrastructure for the base office.

Office Building	Local Office Capacity/ Location
	Remote Office Capability/ Arrangement

13. It is expected the CONTRACT office shall be equipped with IT infrastructure and relevant design engineering tools. Please list available tools and applications currently owned/ developed/ leased For the Design and engineering tool, please advise no of personnel qualified personnel to operate the tool. If these tools are outsourced, to state the name of service provider(s) or the business partner (3rd party) with evidence of experiences in tools and /or applications being used for previous projects.

	IT tools	Own/ Business partner	No of Operator (own tool)
IT Infrastructure	Office Software – MS Window, Teams, Outlook		
	Data Storage & Transmittal		
Design & Engineering Tools	Drafting and Engineering Drawing PDMS		
	Process Simulation Tools - Pipeline Network, Process Simulation, Depressurisation,		
	Structural and pipeline Analysis tool		
	RAM modelling for facilities		
	Data Analysis, Decision-Making tools Equipment Sizing		
HSSE	HSSE tools		
Cost & Schedule tools	Cost tools Type 0 to Type 2		
	Project scheduler Project controls		
Others	CONTRACTOR to declare		

**EXPRESSIONS OF INTEREST FOR:
– Front End Engineering Design Services (FEDS)
Attachment 3 – Questionnaire**

14. Please include requirement for special services (outside of estimated no of staffs) such as external consultation or subject matter expert to support delivery of SCOPE. Also, in areas requiring specific development /utilisation of tools for simulation or modelling or forecasting relevant to the SCOPE. State what is your responsibility and their responsibility.

Example Project	Typical Scope
Onshore Project	Evaluate Opportunity
Offshore Project	Technical Feasibility (Proof of Concept)
Minor Brownfield	Modelling Study (Depressurisation, Pipeline Network, Process Simulation, Decision Making)
Major Debottlenecking	
Complex Brownfield	Concept Identification & Selection Basis for Design
Non-Hydrocarbon Project	Brownfield Tie-Ins Constructability
Energy Transition	Conceptual Design
New Hydrocarbon Project	PDMS Design & Drafting
Deepwater (incl. Floater, Subsea)	Real Estate Management
Late Life Asset Management	Civil Works
Utilities & Power	
Decarbonisation incl. carbon capture and storage	

15. The COMPANY may need project services support as part of services SCOPE covering cost estimating, risk register and benchmarking for the typical SCOPE and for SCOPE which are in special project category. Provide information what are the capability (CONTRACT/ 3rd Party) and experiences from previous projects in conducting benchmarking study and developing cost estimate up to Type 2 and risk register.
16. Front End Engineering has become more critical recent years for the COMPANY. Participants are to advise 10 reasons why is this so in the context of Brunei Darussalam Future? How can you contribute to this if are a business partner with the COMPANY?

**EXPRESSIONS OF INTEREST FOR:
 – Front End Engineering Design Services (FEDS)
 Attachment 3 – Questionnaire**

C. GENERAL EXPERIENCE

You are requested to provide details of similar work performed previously or presently being undertaken. Relevant examples may be drawn from specific discipline study, technical feasibility including market solutions and any other relevant experience in Brunei related to oil & gas industry and others. Where the contract awarded was a subcontract or proportion of a larger project, then the relationship and scope of the work performed by the Participant must be clearly defined.

Table 1.

NAME OF PROJECT	DESCRIPTION OF WORK	ROLE (Main contractor/ as subcontractor)	VALUE (BND)	YEAR	NAME OF CLIENT (Contact detail)	NAME OF SUBCONTRACTORS & THEIR SCOPE (IF ANY)
Please use the lines below to indicate your experience in Brunei/ Overseas						

**EXPRESSIONS OF INTEREST FOR:
– Front End Engineering Design Services (FEDS)
Attachment 3 – Questionnaire**

Company may approach Clients named in above table for reference and verification of date submitted.
Yes/No.

**EXPRESSIONS OF INTEREST FOR:
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Attachment 3 – Questionnaire**

C. HSSE POLICY DOCUMENT

Please provide your existing Company HSSE policy document.

D. RESOURCES

Please provide list of personnel currently in your organisation (local staffs and contract staffs) who will be involved in the potential tender process. List of personnel required to be listed are in management positions and skilled (supervisors, lead engineers, engineers, designers) and including business development, technical safety, and operational safety capability.

E. METHOD STATEMENT

Please provide to Company your previous technical feasibility study/ basis for design/ market analysis (technology solution and application) / conceptual design document done on similar brownfield projects as applicable and where there was no previous experience, can be stated as N/A. This will give Company an understanding on extent of technical integration knowledge and how you have managed your deliverables.

1. Minor Brownfield such project which scope is primarily to design and execute like for like repair/replacement. Limited engineering studies required. Repeatable projects e.g. standard equipment installations.
2. Complex Brownfield such as major brownfield debottlenecking; combined onshore and offshore fabrication scopes; major subsea pipeline/umbilical/power cable projects. This is non-routine and engineering was performed to firm up concept and scope.
3. Special Project such as feasibility study work on asset decarbonisation, energy transition, renewable energy opportunity
4. New Hydrocarbon Development such as conventional WHP concept, lightweight WHP, shallow water subsea tie-back
5. Non-Hydrocarbon Project such as onshore infrastructure; civil works; solar roof/panel etc.

For each example, to include details if,

- any application of technology in design and/or execution
- application of industry standard solutions

Participants are also required to provide years of experience in executing the methodology (full scope, part of the scope or similar) and the last year when the methodology was performed.

**EXPRESSIONS OF INTEREST FOR:
– Front End Engineering Design Services (FEDS)
Attachment 3 – Questionnaire**

F. General Contracting questionnaire

Question 1

Please describe which elements of the work pose the greatest commercial risks to your organization/partnership, and why. Describe how you propose to manage the risks.

Question 2

Please describe what pricing structure do you anticipate for this Contract eg. Reimbursable, lumpsum. What are the lessons learnt from other Contracts with regards to those pricing structure. What are Key Performance Indicators do you propose for this Contract?

Question 3

Please provide any suggestions you may have for Company, related to commercial and contractual matters in preparation for Contract drafting.