



PETROVIETNAM EXPLORATION PRODUCTION CORPORATION LTD
NAM CON SON PETROLEUM EXPLORATION PRODUCTION BRANCH

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FACSIMILE TRANSMISSION

To: BIDDER

Attn: To Whom it may concern

Ref: 720 /PVEP-NCS/CPM

Date

10th April, 2026

No. of page(s) (including this cover sheet): 11

SUBJECT: BID BULLETIN #01 – IMPORTANT NOTICE

**TENDER TITLE: PROVISION OF RISK ASSESSMENT FOR SONG DOC WELLS
PLUG AND ABANDONMENT PERFORMED BY JACK UP
DRILLING RIG PVD-IX**

TENDER No.: PVEPNCS-26-10142

If you have not received the full text of this letter, please call (84-28) 3776 2222

Dear Sir/Madam,

Reference is made to the above-mentioned Tender, NAM CON SON PETROLEUM EXPLORATION PRODUCTION BRANCH - PETROVIETNAM EXPLORATION PRODUCTION CORPORATION LIMITED (hereinafter referred to as “CLIENT”) hereby would like to provide you the Bid Bulletin #01 – Important Notice as per the attachment enclosed herewith.

Thank you very much for your attention.

Yours faithfully,

For and On Behalf of CLIENT

Signed by: TRUONG TUAN ANH
Signed date: 10/04/2026
15:45:45

Truong Tuan Anh
DEPUTY DIRECTOR

C/c: DRL, PPM.

ATTACHMENT OF BULLETIN #01
TENDER No.: PVEPNCS-26-10142

Item No.	ITB Section/Reference	CLIENT's update
1	SCOPE OF WORK	SCOPE OF WORK of the Tender is revised as attachment
2	All other remaining ITB documents	All other remaining ITB documents remain in full effect
3	<p>PVEP-NCS would like to extend the Bid Closing Time till 10:00 AM on 15th April 2026.</p> <p>Your proposal for the above package shall be submitted to office of PVEP-NCS in Ho Chi Minh City, S.R. Vietnam on/before 10:00 hours (Vietnam Standard Time) on 15th April 2026 (“Bid Closing Time”). PVEP-NCS shall have the right to disqualify should any quotation/offer be received later than the above Bid Closing Time.</p> <p>It is kindly noted that the Bid Bond validity shall be extended corresponding to the new Bid Closing Time mentioned above.</p>	

**SCOPE OF WORK
PROVISION OF RISK ASSESSMENT (RA) FOR P&A
OPERATION FOR REMAINING SONG DOC WELLS BY
USING JACK UP RIG (PVD-IX)**

I. INTRODUCTION

NAM CON SON PETROLEUM EXPLORATION PRODUCTION BRANCH – PVEP-NCS (hereinafter referred to as “CLIENT”) is hereby invites BIDDER to submit a proposal for the Provision of *Risk Assessment (RA) for Situation of 12 P&A SongDoc Wells* (hereinafter referred to as ‘WORKS’ at Song Doc Field).

Based on perform engineering analysis and risk assessments to evaluate situation for operation of Song Doc Wells P&A. It is required to calculate risks due to events caused as well as risks for all Projects. The assessment against risk criteria and giving suitable for advice will be reported to PVEP-NCS.

II. INFORMATION OF SONG DOC FIELD

1. General Information

The Song Doc A Wellhead Platform (SDA WHP) is located at Block 46/02, 205km Offshore Vietnam, South of Camau, the Southernmost land fall of mainland Vietnam, and just North of the joint development area PM-3 CAA between Vietnam and Malaysia. The Song Doc A is a marginal field developed by Truong Son JOC which was established to explore, develop and produce oil and gas on behalf of the Partners: PetroVietnam Exploration Production Corporation, Petronas Carigali Overseas Sdn Bhd and Talisman Ltd (Vietnam 46/02). The distance from the Song Doc Field to logistics base in Camau is around 205km and former Vung Tau is 400km.

1. AREA OF OPERATIONS: SONG DOC WELL P&A, Offshore Vietnam
2. WELL NAME: 12 Wells.
3. WELL TYPE: Production Wells (5 Dual productions + 2 Conventional production + 2 Slim hole + 3 Mono bore wells).
4. START TIME: Tentatively start from early April, 2026.
5. ESTIMATED TIME: 43 days for Song Doc remaining well P&A.
6. WATER DEPTH: +/-53m.
7. RIG TYPE : Jack-up Rig (PVD-IX rig).

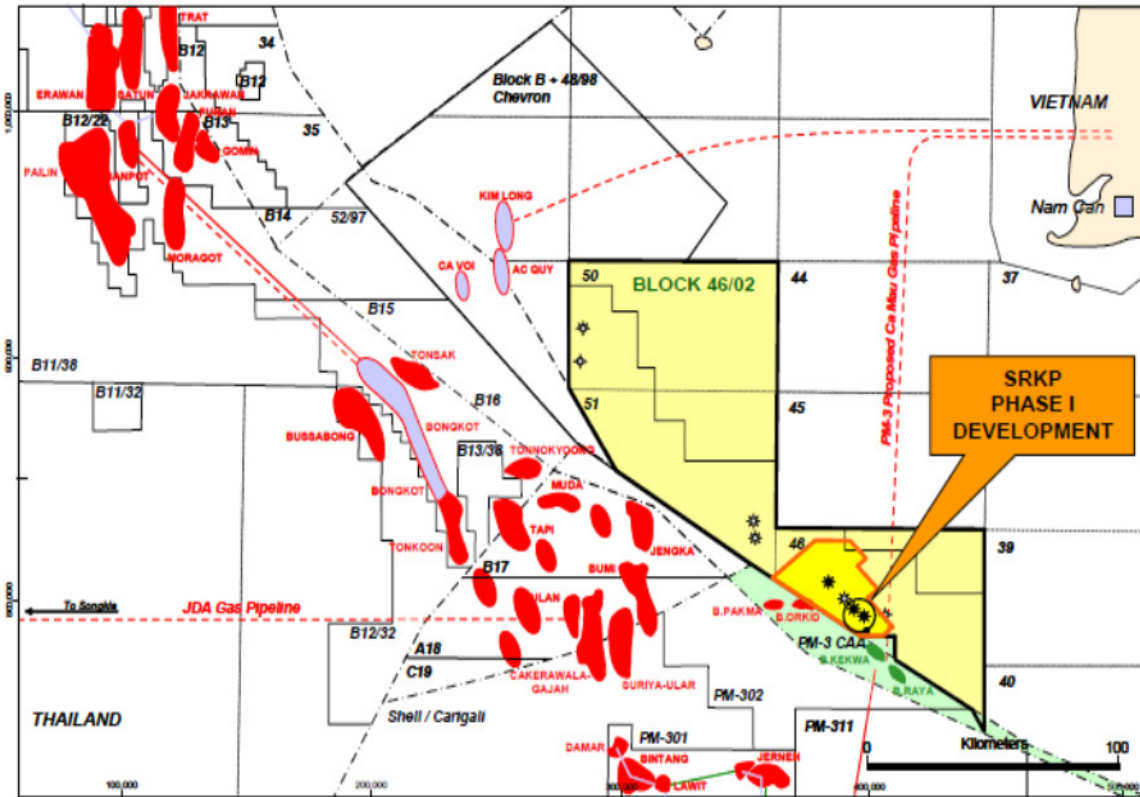


Figure 1: Song Doc A Field Location

2. General Well Design Information:

Song Doc Development comprises of twelve (12) wells as details below:

No.	Well name	Type of wells
1	SD-1P	Dual oil production well
2	SD-2P	Dual oil production well
3	SD-3P	Dual oil production well
4	NC-1P	Dual oil production well
5	NC-2P	Dual oil production well
6	NH-1P	Mono Bore Oil Production well
7	NH-2P	Slim hole Oil Production well (Sand Screen Completion)
8	NC-3P	Conventional Oil Production well (Sand Screen Completion)
9	SD-4P	Slim hole Oil Production well (Sand Screen Completion)
10	TG-2A	Conventional Oil Production well (Sand Screen Completion)
11	BTG-1A	Mono Bore Gas Production well
12	SC-1A	Mono Bore Gas Production well

3. Casing/tubing depth with top of cement information

Note: All depths are referred from rotary table (RT), using old elevation from rotary table to Mean Sea Level (MLS).

						Casing/ Tubing Depth (mMD)													
No	Well Name	Slot	Water depth	Rotary table to MSL	Sea bed	30"	13-3/8"		9-5/8"		7"		5"		3-1/2"	2-7/8"	2-3/8"	Drilling Year	Remark
						Depth	TOC	Depth	TOC	Depth	TOC	Depth	TOC	Depth	TOC	Depth	Depth		
1	SD-1P	#5	53	33.5	86.5	158	100	850	852	2395.5					1838/2273			2008	TOC is only tentative and for reference. The correct one will be updated basing on actual CBL operation later.
2	SD-2P	#4	53	33.5	86.5	157	100	867.5	887	2475.3				2054/2362			2008		
3	SD-3P	#1	53	33.5	86.5	158	100	1098	1273	2941				2709/2820			2008		
4	NC-1P	#3	53	33.5	86.5	160	100	1049	1058	3398.5				2673/3232			2008		
5	NC-2P	#2	53	33.5	86.5	148.5	100	1203	1212	3829.8				3130/3648			2008		
6	NC-3P	#9	53	41.5	94.5	183	surface	184	surface	1024	874	2922		3102			2011		
7	TG-2A		53	41.5	94.5	183	surface	187	surface	1053	903	2654		2713			2011		
8	SD-4P (SD-1)	#7	53	41.5	94.5	182			surface	293		571	350	2087		2211	2054	2011	
9	SC-1A		53	41.5	94.5	182			surface	299	Surface		2090		3694			2009	
10	NH-2P (NH-1)	#8	53	41.5	94.5	178			surface	348	Surface	604	350	2519		2585	2478	2011	
11	NH-1P	#6	53	41.5	94.5	165			surface	306	surface	1650			3360			2009	
12	BTG-1A		53	41.5	94.5	165			surface	311	315	1419			2373			2009	

4. The Detailed Current Wells and SDA WHP status

For the information of the current wells and SDA WHP status, please see the detailed current information of 12 wells in the “**Program for P&A remaining Wells at SDA WHP by Rig PVD-IX**” attached.

III. SCOPE OF WORK

3.1. Well Blowout Analysis

This study assesses the potential for uncontrolled fluid flow during P&A remaining Song Doc wells operations.

- **Key Activities:**
 - ✓ Perform dynamic flow modeling based on current reservoir pressure and fluid properties.
 - ✓ Evaluate blowout scenarios, including flow through the drill string and the annulus.
 - ✓ Determine "Time to Sink" or "Time to Self-Kill" and develop formal kill requirements.
 - ✓ Evaluate the risks occurs during P&A operation.
- **Deliverable:** Blowout Risk Assessment & Contingency Planning Report.

3.2. Well Integrity Analysis

A comprehensive evaluation of the well’s mechanical state to ensure barriers can be safely established.

- **Key Activities:**
 - ✓ Review historical data, including Sustained Casing Pressure (SCP) and annulus monitoring logs.
 - ✓ Evaluate the condition of primary and secondary barriers (Cement bond quality via CBL/VDL logs).
 - ✓ Assess casing corrosion and the structural integrity of the wellhead for P&A loads.

Deliverable: Well Integrity Status & Barrier Verification Report.

3.3. Technical Review of the P&A Activity Plan

Ensuring the proposed operational sequence aligns with international standards.

- **Key Activities:**

- ✓ Review the sequence for setting permanent cement plugs and bridge plugs.
- ✓ Evaluate methods for casing recovery, milling, and seafloor/wellhead severance.
- ✓ Verify equipment compatibility (Rig/Vessel capabilities) against the operational plan.
- **Deliverable:** Technical Review Memorandum with optimization recommendations.

3.4. Well P&A HAZID Workshop

A structured Hazard Identification workshop to identify and mitigate operational risks.

- **Resource Requirements:**
 - ✓ **1 Facilitator:** To lead the methodology and maintain session focus.
 - ✓ **1 Scribe:** To record the risk register and mitigation actions in real-time.
 - ✓ **1 Subject Matter Expert (SME):** To provide high-level technical guidance on P&A challenges.
- **Key Activities:**
 - ✓ Step-by-step review of the P&A program to identify safety, environmental, and financial risks.
- **Deliverable:** Final HAZID Register & Risk Mitigation Action Plan.

3.5. Dropped Object Analysis

Required for Temporary Abandonment (TA) if the well is located near live subsea or topside facilities.

- **Key Activities:**
 - ✓ Define "Drop Zones" based on crane radius and equipment handling areas.
 - ✓ Calculate impact energy and potential damage to subsea pipelines, templates, or adjacent live wells.
 - ✓ Recommend protection measures (e.g., concrete mattresses or protective structures).
- **Deliverable:** Dropped Object Risk Study & Protection Strategy.

3.6. Risks assessment for P&A operations by using PVD-IX jack up rig at SDA WHP

It is required to identify all risks will occur during the P&A operations by using PVD-IX rig.

- **Key Activities:**

- ✓ Review the process/activities of PVD-IX during P&A operations at SDA WHP.
- ✓ Well control by PVD-IX rig.
- ✓ Rig move operations.

- **Deliverable:** To find out the action plan and Re-evaluation of the risks.

3.7. General Requirements

- ✓ Report to PVEP-NCS fair information about the actual conditions of the industrial safety risks of three wells and highlight the most dangerous.
- ✓ To substantiate the figures derived as a result of the risk assessment.
- ✓ To analyze the assessment of the risks identified those wells.
- ✓ Safety measures - the existing measures available to prevent and/or mitigate the incidents/accidents from the project activities.
- ✓ The intrinsic hazards associated with the operation activities; and the potential of incidents shall be identified. This process shall apply the combination of the experience from previous risk assessments, the worldwide accident statistics and the oil and gas experts' assessment.
- ✓ And provide detailed methods to eliminate the risks associated with 12 wells

3.8. Company and Personnel requirements

- ✓ Company or partner of Company which has involved and developed the RA must be used to conduct the familiar job in oil and gas industry.
- ✓ Project Lead: The personnel must be professional with at least 10 years of oil & gas offshore experience. At least 5 years of similar projects and work scopes.
- ✓ Senior Engineers: The personnel must be professional with at least 5 years of oil & gas offshore experience. At least 3 years of similar projects and work scopes.

3.9. Study Report Submission and Delivery time

- ✓ Full Study report with findings, evaluations, and recommendations;
- ✓ Final study report in two (02) color hard copies and two (02) soft copies. The reports must be written in English;
- ✓ Outputs from study in digital format on a Memory stick.
- ✓ The reports must be written in English language. Final reports will **be delivered to PVEP-NCS within 7 days from LOA date.**

TECHNICAL EVALUATION

1. Criterion:

- Only the bids which “meet the technical requirements” will be considered to commercial evaluation.
- Bidder will be evaluated “Fail to meet the technical criteria” if there is one “Fail” criterion

No.	Requirement	Criteria	Bidder		
			Pass/ Acceptable	Fail	
I	Experience and capacity of the contractor				
1	Company has involved and developed the Risk Assessment (RA) for at least one (1) similar job.	at least one (1) similar job.	Major		
2	Having appropriated quality management system	As required	Minor		
II	Technical Requirements				
1	Well Blowout Analysis	Requirement in 3.1	Major		
2	Well Integrity Analysis	Requirement in 3.2	Major		
3	Technical Review of the P&A Activity Plan	Requirement in 3.3	Major		
4	Well P&A HAZID Workshop	Requirement in 3.4	Major		
5	Dropped Object Analysis	Requirement in 3.5	Major		
6	Risks assessment for P&A operations by using PVD-IX jack up rig at SDA WHP	Requirement in 3.6	Major		
7	General Requirements	Requirement in 3.7	Major		
8	Company and Personnel requirements	Requirement in 3.8	Major		
9	Study Report Submission and Delivery time	Requirement in 3.9	Minor		

2. Technical Evaluation Team

No.	Name	Position/Department
1	Nguyen Manh Tuan – Drilling Manager	Team Leader / DRL
2	Mr. Do Huu Trung – DRL Deputy Manager	Member /DRL
3	Mr. Nguyen Van Hung - Drilling Supervisor	Member /DRL
4	Mr. Pham Thanh Hai - Snr Drilling Engineer	Member /DRL

Prepared by:

Pham Thanh Hai
Senior Drilling Engineer

Verified by:

Nguyen Manh Tuan
Drilling Manager

Approval by:

Truong Tuấn Anh
Deputy Director