



PETROVIETNAM EXPLORATION PRODUCTION CORPORATION LTD
DOMESTIC PETROLEUM OPERATING BRANCH - PETROVIETNAM
EXPLORATION PRODUCTION CORPORATION LIMITED
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FACSIMILE TRANSMISSION

To: **BIDDER**

Attn: **To Whom it may Concern**

Ref.: 2187 /PVEPPOC-PPM

Date 15th Oct., 2025

No. of page(s) (including this cover sheet): 02

SUBJECT: **BID BULLETIN #01 – IMPORTANT NOTICE**

TENDER TITLE: **PROVISION OF DIRECTIONAL DRILLING, MWD & LWD SERVICES FOR DRILLING & COMPLETION PROGRAM FOR DAI HUNG NAM FIELD DEVELOPMENT, BLOCK 05-1(a), OFFSHORE VIETNAM**

TENDER No.: **PVEPPOC-DRL-2025-024**

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, DOMESTIC PETROLEUM OPERATING 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

TRUONG TUAN ANH
Deputy Director
Cc: BOM, PPM, DRL

Visa:

- DRL:

1- PPM:

ATTACHMENT OF BULLETIN #01

TENDER No.: PVEPPOC-DRL-2025-024

Item No.	ITB Section/Reference	CLIENT's update
1	CONTRACT FORM: EXHIBIT I - SCOPE OF SUPPLY AND TECHNICAL REQUIREMENTS	The issued "EXHIBIT I - SCOPE OF SUPPLY AND TECHNICAL REQUIREMENTS" shall be replaced by the "EXHIBIT I - SPECIAL PROVISION AND SCOPE OF WORKS" attached herewith Bid Bulletin #1
2	Technical Evaluation Criteria	To be updated as attachment.
3	All other remaining ITB documents	All other remaining ITB documents remain in full effect



EXHIBIT I

SPECIAL PROVISIONS AND SCOPE OF WORKS

I-1.0 GENERAL INFORMATION

- ✓ AREA OF OPERATIONS: WHP-DHN, Block 05.1a; Offshore Vietnam.
- ✓ 1st Period WELL NAME:
 - **Firm:** DHN-1X, DHN-2X, DHN-4X, DHN-1P, DHN-2P.
 - **Optional:** 1 Workover and 1 Exploration wells.
- ✓ 2nd Period WELL NAME:
 - **Firm:** DHN-3P, DHN-4PI, DHN-5PI, DHN-6PI.
 - **Optional:** 1 Exploration well.
- ✓ WELL TYPE:
 - Tie-back + Production + Production/Injection wells for Firm wells.
 - Exploration for Optional wells.
- ✓ START TIME:
 - **1st Period:** Tentative on 15 October 2026.
 - **2nd Period:** Tentative on 8 July 2027.
- ✓ ESTIMATED TIME:
 - **1st Period:** 177 days for Firm wells + 92 days for Optional wells.
 - **2nd Period:** 92 days for Optional wells + 171 days for Firm wells + 61 days for Optional wells.
- ✓ WATER DEPTH: +/-109m.
- ✓ RIG TYPE: Jack up 400ft WD.
- ✓ DELIVERY MODE: "Call-out" basis.

1. Well information

1.1. Information for the Firm wells

Total of 9 Wells: 3 tie-back/production, 3 production and 3 injection/production wells with well Targets are at Thông – Mang Cau formation (Carbonate) from H44 – H76.2.

EXHIBIT I

TENDER PLAN FOR PROVISION OF DIRECTIONAL DRILLING, MWD & LWD SERVICES FOR DRILLING & COMPLETION PROGRAM FOR DAI HUNG NAM FIELD DEVELOPMENT, BLOCK 05-1(A), OFFSHORE VIETNAM
ITB. NO.: PVEPPOC-DRL-2025-024

WHP	Well name / Type	Slot	Note	
DHN	DHN-1X	Production	#5	Block A7 (H44-H95)
	DHN-2X		#9	Block A8 (H44-H80)
	DHN-4X		#6	Block A7.2 (H44-H76.2)
	DHN-1P		#1	Sidetrack from DHN-3X (H44-H76-2) Block A7.2
	DHN-2P		#2	Block A8 (H46-H76.1.3)
	DHN-3P		#3	Block A7.1 (H50-H76.1)
	Total: 6			
	DHN-4PI	Production/ Injection	#4	Block A7.2 (H44-H76.2)
	DHN-5PI		#7	Block A8 (H50-H76.1.3)
	DHN-6PI		#8	Block A7.1 (H46-H76.1)
	Total: 3			

1.2. Information for the Optional wells

Well Classification	Location	Well Quantity	Period	Note
Exploration	Open Water - DH Field	2	1 well at 1st Period 1 well at 2nd Period	Drill & DST
Workover	WHP-DH02 - DH Field	1	at 1st Period	Re-completion

2. Well Structure

2.1. Well Structure for Production/Injection Well

26" hole/20" conductor x 16" hole/13-3/8" casing x 12-1/4" hole/9-5/8" casing.

EXHIBIT I

TENDER PLAN FOR PROVISION OF DIRECTIONAL DRILLING, MWD & LWD SERVICES FOR DRILLING & COMPLETION PROGRAM FOR DAI HUNG NAM FIELD DEVELOPMENT, BLOCK 05-1(A), OFFSHORE VIETNAM
ITB. NO.: PVEPPC-DRL-2025-024

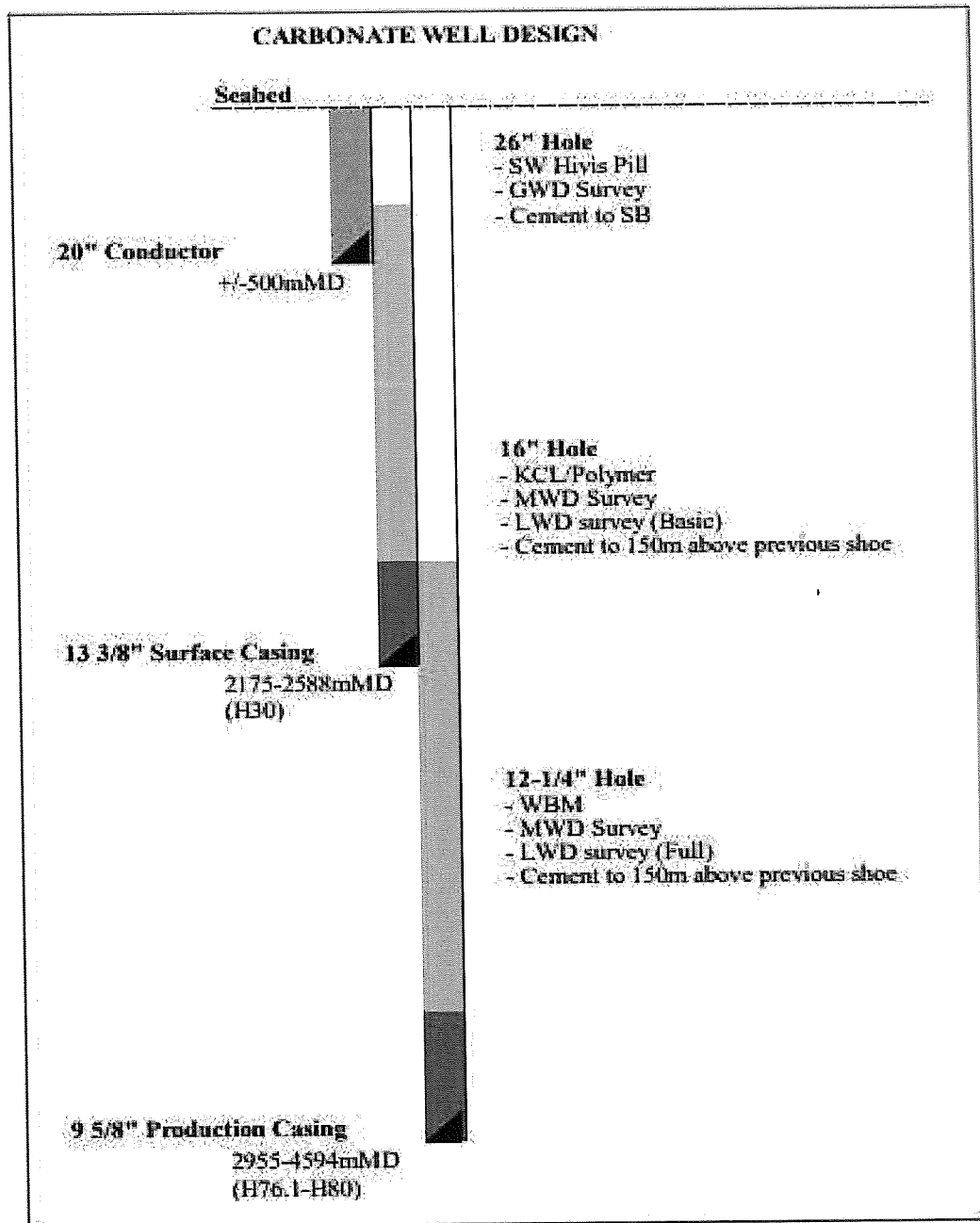


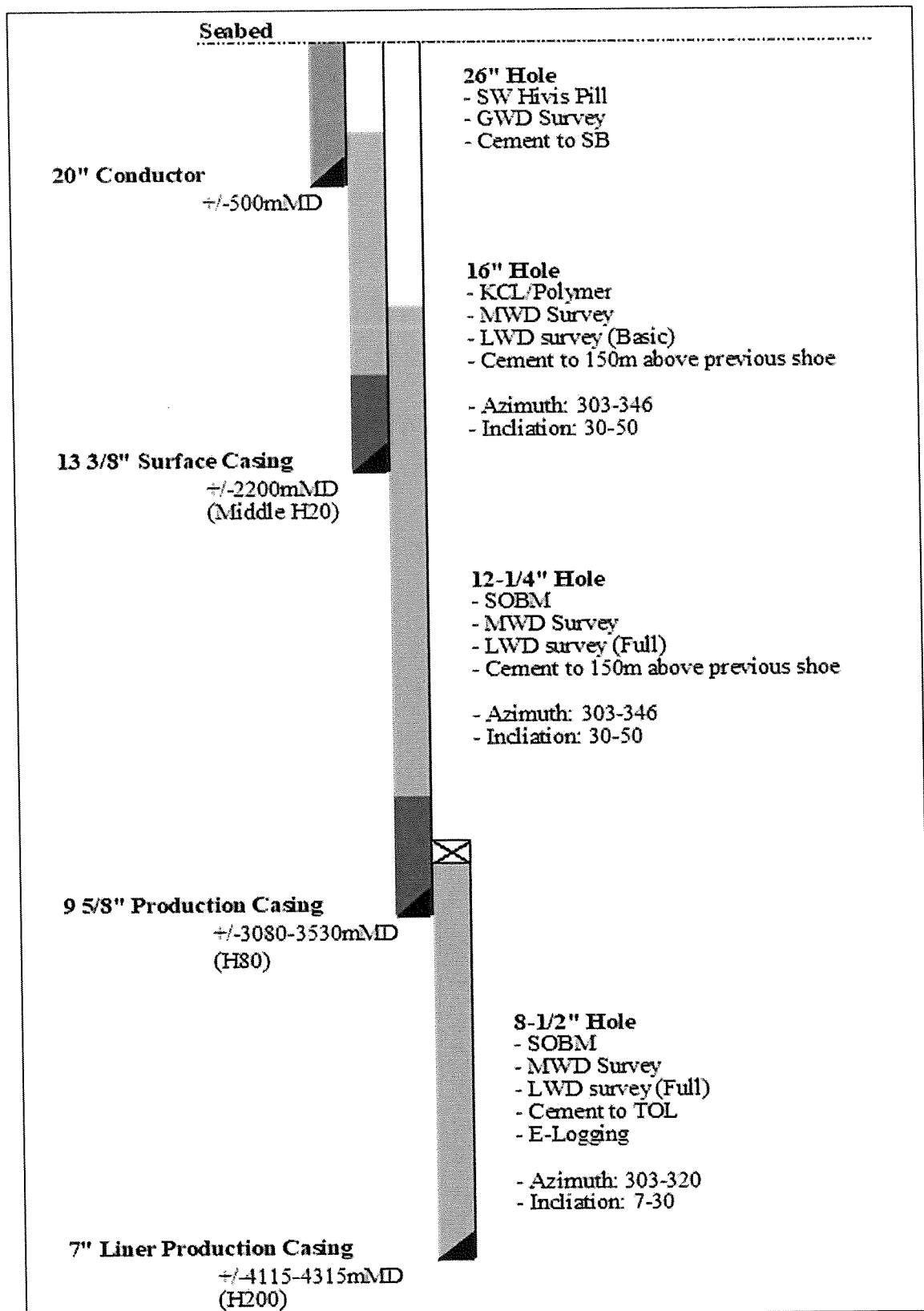
Figure 1: Typical well Structure for Production/Injection

2.2.Exploration Well Structure

26" hole/20" conductor x 16" hole/13-3/8" casing x 12-1/4" hole/9-5/8" casing x 8-1/2" hole/7" liner.

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2.3. Well Structure for Sidetrack wells

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Tie-back 20" Conductor & 13-3/8" Casing. Cut 9-5/8" casing & Sidetrack 12-1/4" hole/9-5/8" casing x 8-1/2" hole/7" liner.

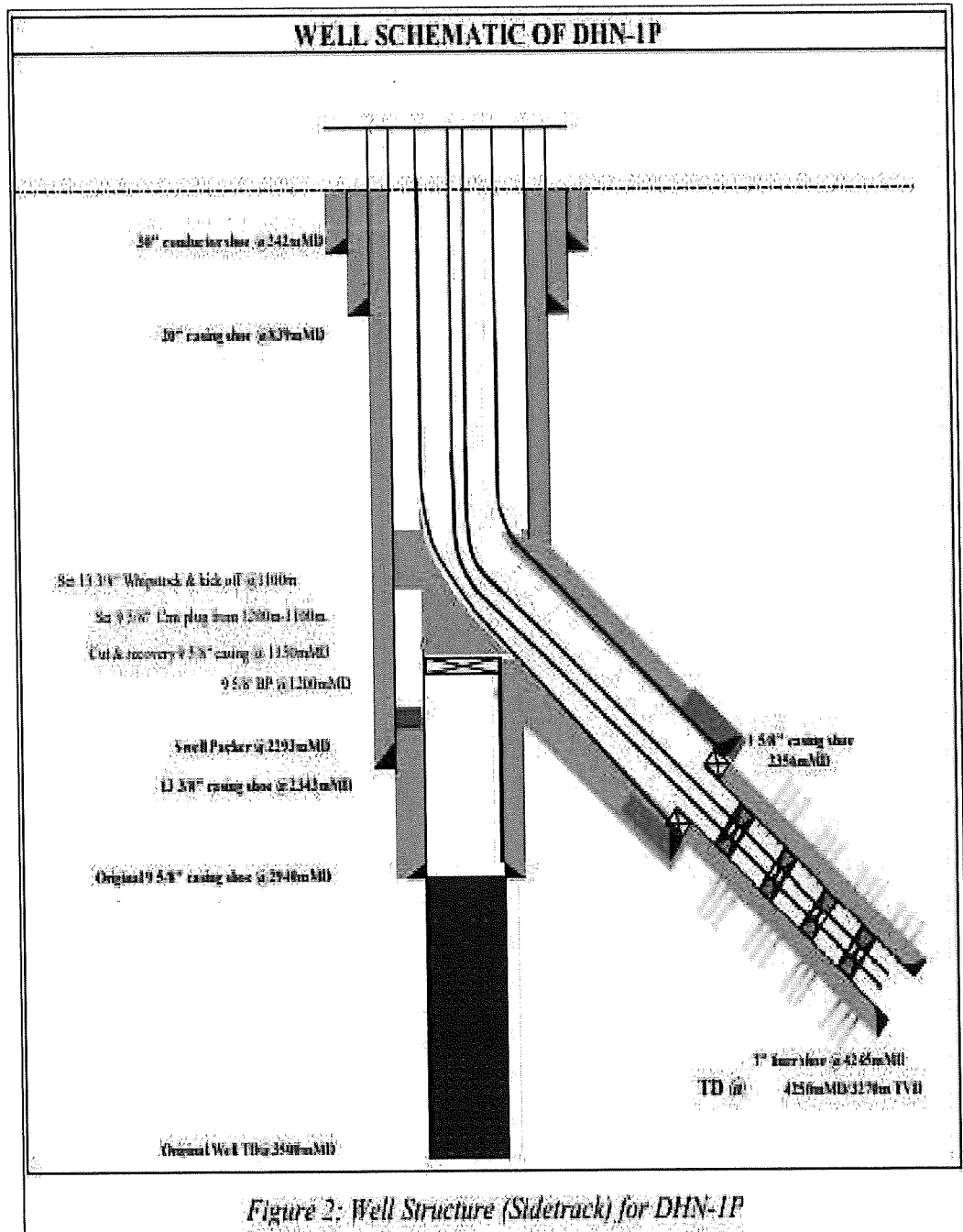


Figure 2: Well Structure (Sidetrack) for DHN-1P

2.4. Structure for Tie-back Wells

- ✓ DHN-4X and DHN-2X: Tie-back 20" Conductor, 13-3/8" Casing, 9-5/8" Casing from seabed to surface.
- ✓ DHN-1X: Tie-back 20" Conductor, 9-5/8" Casing from seabed to surface. Tie-back 7" from +/-3,257m to surface.

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TENDER PLAN FOR PROVISION OF DIRECTIONAL DRILLING, MWD & LWD SERVICES FOR DRILLING & COMPLETION PROGRAM FOR DAI HUNG NAM FIELD DEVELOPMENT, BLOCK 05-1(A), OFFSHORE VIETNAM
ITB. NO.: PVEPPOC-DRL-2025-024

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3. Well lay out and drilling schedule

11 Slots: 2 slots (Dual for future wells – Blue color) + 9 slots x 20” Conductor.

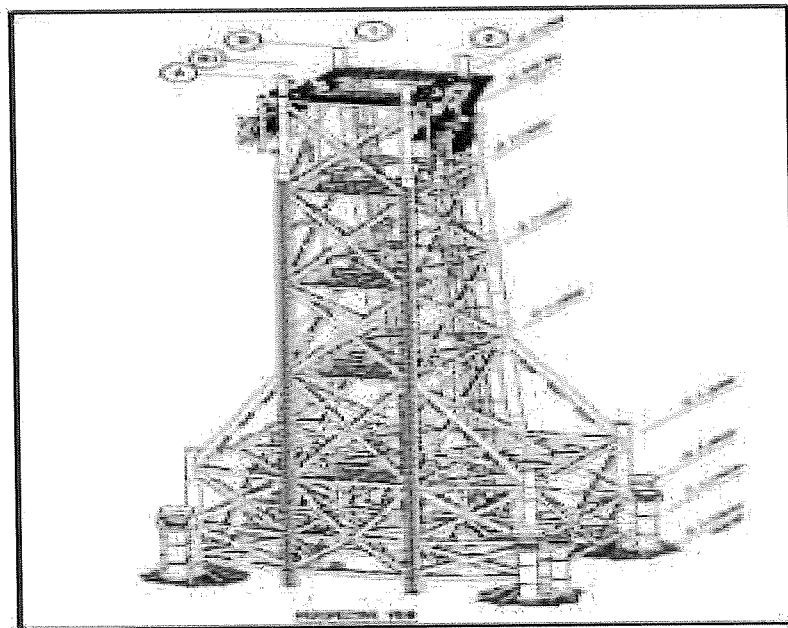
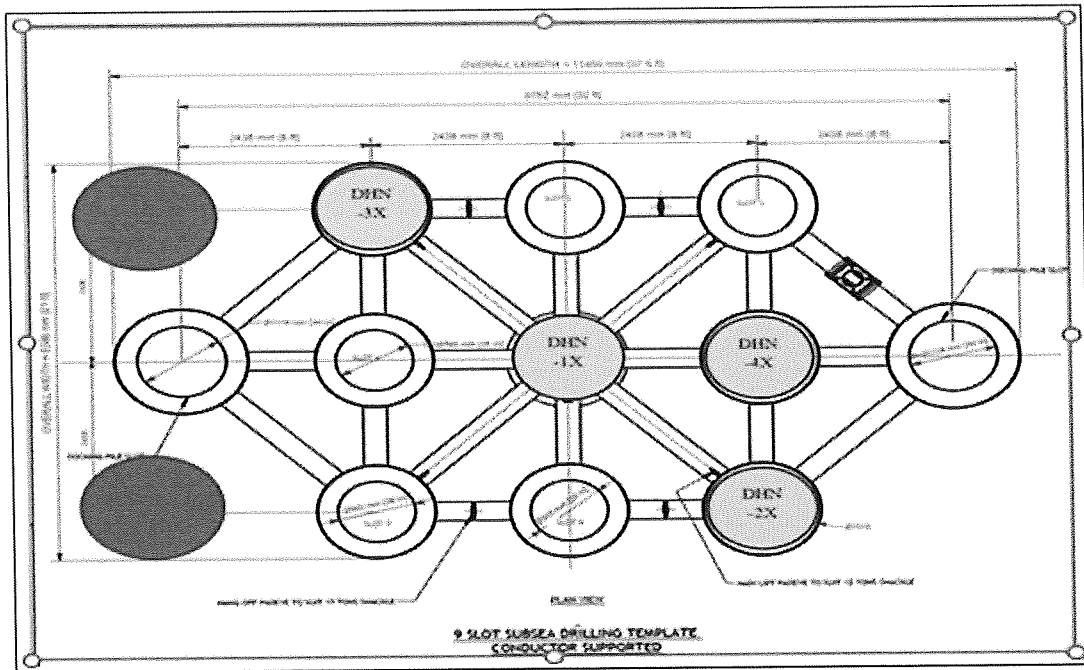


Figure 6: WHP-DHN

4. Basic Geological well information

The well is expected normal temperature and normal pore pressure.

4.1. Lithology

EXHIBIT I

TENDER PLAN FOR PROVISION OF DIRECTIONAL DRILLING, MWD & LWD SERVICES FOR DRILLING & COMPLETION PROGRAM FOR DAI HUNG NAM FIELD DEVELOPMENT, BLOCK 05-1(A), OFFSHORE VIETNAM
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Age	Formation	Seismic Horizon	Gas/Oil Reservoir	Lithology	Lithological Description
PLIOCENE-QUATERNARY	HIEN DONG	H20		[Lithology Column]	Upper part: Main very fine to medium grained sandstone interbedded with thin claystone, siltstone layers.
					Lower part: Main claystone interbedded with thin sandstone layers.
UPPER MIOCENE	NAM CON SON	H30			Main claystone interbedded with thin fine - medium grained sandstone layers.
MIDDLE MIOCENE	THONG - MANG CAU	H43			Upper part: Main claystone interbedded with siltstone, sandstone, siltstone layers.
		H50			
		H60			
		H76.1			
		H76.2 H80			Lower part: Main shaly limestone interbedded with claystone and sandstone layers.

4.2. Pressure, Temperature Profiles

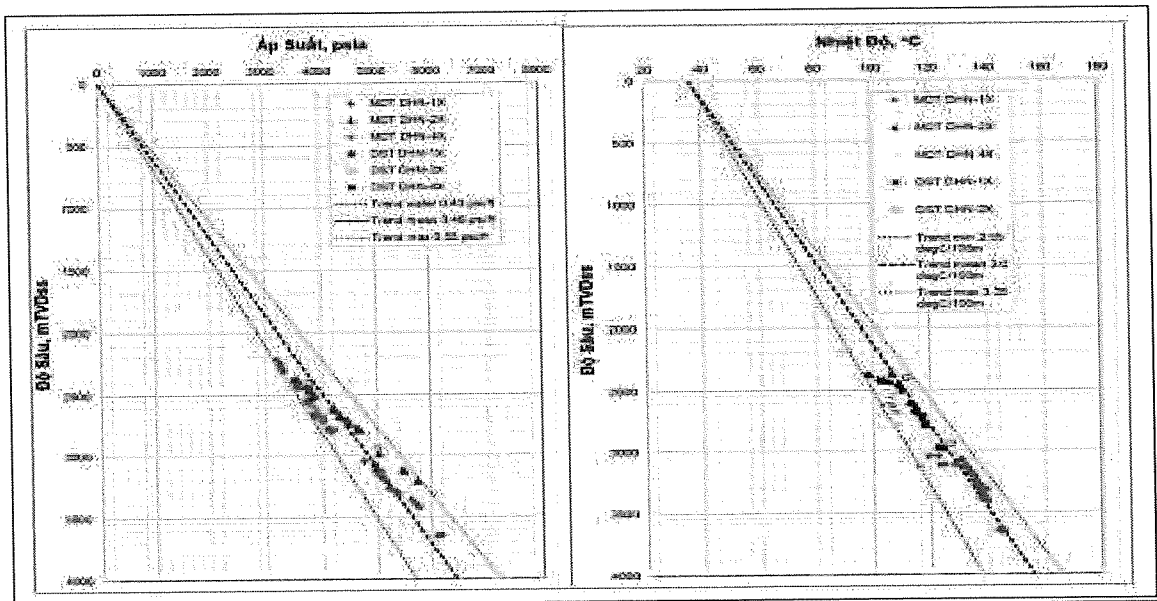


EXHIBIT I

TENDER PLAN FOR PROVISION OF DIRECTIONAL DRILLING, MWD & LWD SERVICES FOR DRILLING & COMPLETION PROGRAM FOR DAI HUNG NAM FIELD DEVELOPMENT, BLOCK 05-1(A), OFFSHORE VIETNAM
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5. Well Design

5.1. Casing program

5.1.1. Casing program for Production/injection wells

20" conductor x 13 3/8" casing x 9 5/8" casing

Hole Size (in)	Depth (mMD)	Casing Specification				Remarks
		Size (in)	Grade	Weight (ppf)	Connection Type	
26	400-600	20	X-56	133/169	Quick Connection	Conductor 169ppf from seabed to surface
16	2,050-2,600	13-3/8	L80/N80	68	BTC Connection	Casing shoe at top of H30
12 1/4	2,900-4,600	9-5/8	L80	47	Premium Connection	Casing shoe at top of H80

Figure 7: Casing Specification for Production/Injection Well

5.1.2. Casing program for Exploration wells

Hole size (in)	Depth (MD)	Casing Specification				Remarks
		Size (in)	Grade	Weight (ppf)	Connection Type	
26	500	20	X-56	133	Quick connection	
16	500-2,200	13 3/8	L80/L80	68	BTC Connection	Casing shoe at Middle H20
12 1/4	2,200-3,530	9 5/8	L80	47	Premium Connection	H-80
8 1/2	3,530-4,315	7"	L80	29	Premium Connection	7" Liner (H200)

5.1.3. Casing program for Sidetrack well

Tie-back 20" Conductor & 13-3/8" Casing. Cut 9-5/8" casing & Sidetrack 12-1/4" hole/9-5/8" casing x 8-1/2" hole/7" liner.

Hole Size (in)	Depth (mMD)	Casing Specification				Remarks
		Size (in)	Grade	Weight (ppf)	Connection Type	
	160	20	X-56	169	Quick Connection	Tie-back
	160	13-3/8	L80/N80	68	BTC	Tie-back
12-1/4	2,360	9-5/8	L80	47	Premium	Casing shoe set at Top of H30
8-1/2	4,250	7	L80	29	Premium	7" liner

Figure 8: Casing Specification for Sidetrack Well

5.1.4. Casing program for tie back wells

Hole Size (in)	Depth (mMD)	Casing Specification				Remarks
		Size (in)	Grade	Weight (ppf)	Connection Type	
	160	20	X-56	169	Quick Connection	Tie-back
	160	13-3/8	L80/N80	68	BTC	Tie-back
	160	9-5/8	L80	47	Premium	Tie-back
	4,250	7	L80	29	Premium	7" liner (DHN-1X only)

6. Drilling Fluid Program

Depth (mMD)	Hole Size (in)	Mud Type	Mud Weight (ppg)	FV sec	PV cps	YP lb/100ft ²	API FL (cc)
400 - 600	26	SW/Hi-vis Sweep	8.8 - 9.2	>80	ALAP	>35	
2,175-2,588	16	SW/Hi-vis - Sweep/ KCL/Gel/Polymer	8.8 - 9.7	45- 65	ALAP	20-35	<8
2,356-4,594	12-1/4	SBM/OBM	9.5-10.5	45- 70	ALAP	25 - 40	<3
4,250	8-1/2	SBM/OBM (DHN-1P only)	9.5 - 10.5	45- 70	ALAP	25 - 40	<3
Completion		CaCl ₂ /NaCl	10-11				

Figure 9: Drilling Fluid Program

7. Cementing Program

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Hole size Casing size	Setting depth	Cement interval		Slurry		Remark
	mMD/	Top (m)	Bottom (m)	Density (ppg)	Recipe	
26" x 20"	400-600	Seabed	Shoe	14.0	Single G cement	150% excess in OH or lead up to seabed.
16" 13-3/8"	2,170-2,580	150-200 inside previous shoe	Top tail	12.8	Lead G cement	Excess: 50% in OH or 15% Carbide bomb
		+/- 250 above shoe	shoe	15.8	Tail G cement	
12-1/4" 9-5/8"	2,350-4,590	150-200 inside previous shoe	Top tail	12.8	Lead Blended/LW cement	Excess: 25% in OH or 10% Caliper.
		+/- 250 above shoe	shoe	14.5	Tail Blended/LW cement	
8-1/2" - 7" liner (DHN-1P only)	4,250	Top of Liner	Liner shoe	14.5	Single Blended/LW cement	Excess: 25% in OH or 10% Caliper.

Figure 10: Cementing Program

8. Bit Program

Hole size (in)	Bit Type/LADC	Nozzle /32"	Bit Performance					
			From (m)	To (m)	Interval (m)	WOB (kips)	RPM	GPM
26	Mill tooth (1,1,5)	3x18, 1x22, 3x16	110	500	390	5-15	80-100	500-950
16	PDC (M423)	9x12	500	2,175/2,588	± 2,000	15-35	80-150	950-1050
	TCT (1,1,5)							
12-1/4	PDC (M223/M323)	7x14	2,175/2,588	2,955/4,594	+ 2,000	15-25	60-150	640-1050
	TCT (519/215)							
8-1/2 DHN-1P	PDC (M223/M323)	5x14/ 6x13	2,356	4,250	± 1,900	10-30	80-150	400-600
	TCT (447/215/519)							

Figure 10: Bit Program

9. BHA Program

Hole size (in)	Interval (mMD)	BHA Program
26	0 - 500	26" Bit + 9-1/2" Mud Motor + 9-1/2" Stab + 9-1/2" MWD (GWD) + 9-1/2" DC + X/O + 8-1/4" DC + X/O + 8" Jar + X/O + 15x5-1/2" HWDP
16	500 - 2,175/2,588	16" Bit + 9-1/2" Mud Motor + 16" Stab + 9-1/2" MWD + 9-1/2" LWD + X/O + 9-1/2" MWD + X/O + 6x8-1/4" DC + 8" Jar + 2x8-1/4" DC + X-Over + 15x5-1/2" HWDP
12-1/4	2,175/2,588 - 2,955/4,594	12-1/4" Bit + RSS + 12-1/8" Stab + 9-1/2" MWD + 9-1/2" LWD (Full Option) + X/O + 11-3/4" Stab + 6x8-1/4" DC + 8" Jar + 2x8-1/4" DC + X/O + 15x5-1/2" HWDP
8-1/2 DHN-1P	2,365-4,250	8-1/2" Bit + RSS + 8-3/8" Stab + 7" MWD + 7" LWD (Full Option) + X/O + 3x6-1/2" DC + X/O + 12x5-1/2" HWDP + X/O + 6-1/2" Jar + X/O + 5x5-1/2" HWDP

Figure 12: BHA Program for Development Campaign

10. Drilling and Completion Schedule

EXHIBIT I

TENDER PLAN FOR PROVISION OF DIRECTIONAL DRILLING, MWD & LWD SERVICES FOR DRILLING & COMPLETION PROGRAM FOR DAI HUNG NAM FIELD DEVELOPMENT, BLOCK 05-1(A), OFFSHORE VIETNAM
ITB. NO.: PVEPPC-DRL-2025-024

For 1st Period: Tentatively start in Oct 2026 & Complete in Apr 2027.

For 2nd Period: Tentatively start in July 2027 & Complete in Dec 2027.

PVEP-POC (Block 05-1(a))-DRILLING, DST, COMPLETION & WO WELLS SCHEDULE IN 2026-2028				
ID	Task Name	Duration	Start	Finish
1	Block 05-1(a) Drilling Schedule	500 days	Oct 15 '26	Feb 26 '28
2	Moonson Season in 2026-2027	137 days	Oct 15 '26	Feb 28 '27
3	Moonson Season in 2027-2028	137 days	Oct 15 '27	Feb 28 '28
4	Development & WO and Exploration Wells (1st Period)	269.5 days	Oct 15 '26	Jul 11 '27
5	Tie-back & Completion DHN-4X	26 days	Oct 15 '26	Nov 9 '26
6	Tie-back & Completion DHN-2X	23.5 days	Nov 10 '26	Dec 3 '26
7	Tie-back & Completion DHN-1X	25 days	Dec 3 '26	Dec 28 '26
8	DHN-1P (Tie-back, Sidetrack Drilling & Completion)	56.5 days	Dec 29 '26	Feb 23 '27
9	DHN-2P (Drilling & Completion)	46 days	Feb 23 '27	Apr 10 '27
10	Infill Rig move	2 days	Apr 10 '27	Apr 12 '27
11	Workover and Drill Exploration well	90 days	Apr 12 '27	Jul 11 '27
12	Development & WO and exploration wells (2nd Period)	233.5 days	Jul 8 '27	Feb 26 '28
13	Rig approach WHP-DHN & Prepare for Operation	5 days	Jul 8 '27	Jul 13 '27
14	DHN-3P (Drilling & Completion)	39.5 days	Jul 14 '27	Aug 22 '27
15	DHN-4PI (Drilling & Completion)	43.5 days	Aug 23 '27	Oct 5 '27
16	DHN-5PI (Drilling & Completion)	45 days	Oct 6 '27	Nov 19 '27
17	DHN-6PI (Drilling & Completion)	38 days	Nov 20 '27	Dec 27 '27
18	Infill Rig move	2 days	Dec 26 '27	Dec 29 '27
19	Exploration well (Drill & DST)	59 days	Dec 30 '27	Feb 26 '28

I-2.0 SPECIAL PROVISIONS

I-2.1 Work Site(s)

The Work Site(s) shall be the Drilling Rig(s) at the well location designated by CLIENT.

I-2.2 Mobilization Date

CLIENT shall give CONTRACTOR at least seven (7) days advance notice for the initial mobilization for CONTRACTOR designated "Call-out" Equipment and CONTRACTOR designated "Call-out" Personnel. The subsequent mobilization throughout the duration of CONTRACT will be on twenty-four (24) hours on a "call-out" basis.

I-2.3 CONTRACTOR Contract Administrator

CONTRACTOR hereby appoints, as CONTRACTOR's Contract Administrator <<To be provided and specified by CONTRACTOR>> or his appointee designated by him in writing.

I-2.4 CLIENT Contract Administrator

EXHIBIT I

TENDER PLAN FOR PROVISION OF DIRECTIONAL DRILLING, MWD & LWD SERVICES FOR DRILLING & COMPLETION PROGRAM FOR DAI HUNG NAM FIELD DEVELOPMENT, BLOCK 05-1(A), OFFSHORE VIETNAM
ITB. NO.: PVEPPC-DRL-2025-024

CLIENT hereby appoints, as CLIENT Contract Administrator, the **Director** or his appointee designated by him in writing.

I-2.5 **CLIENT Representative(s)**

CLIENT hereby designates the **Director, Drilling Manager, Drilling Superintendent, Senior Drilling Engineer and Drilling Supervisors** as CLIENT Representatives.

I-2.6 **Mobilization Site for CONTRACTOR Equipment**

The Mobilization Site for CONTRACTOR Equipment shall be the CLIENT's Warehouse at PTSC Supply Base, Vung Tau, S.R. Vietnam or any other mutually agreed location.

I-2.7 **Demobilization Site for CONTRACTOR Equipment**

The Demobilization Site for CONTRACTOR Equipment shall be at CLIENT Warehouse at PTSC Supply Base, Vung Tau, S.R. Vietnam or any other mutually agreed location.

I-2.8 **Mustering Point for CONTRACTOR Personnel**

Southern Vietnam Helicopter Company's Helibase in Vung Tau (by chopper) or PTSC Supply Base, Vung Tau (by vessel) for all CONTRACTOR's Personnel.

I-2.9 **CLIENT Warehouse and Base Facility**

PTSC Supply Base, Vung Tau, S.R. Vietnam.

I-2.10 **CONTRACTOR Warehouse and Base Facility**

<<To be provided and specified by CONTRACTOR>>

I-2.11 **CLIENT Operations Office**

15th Floor, Phu My Hung Petroleum Finance Trade Center, 12 Tan Trao Street, District 7, Ho Chi Minh City, S.R. Vietnam.

I-2.12 **CONTRACTOR Operations Office**

<<To be provided and specified by CONTRACTOR>>

I-2.13 **Commencement Date of Operations**

The time and date when CONTRACTOR mobilize the first CONTRACTOR Equipment to the Mobilization Site or the first Personnel at the Mustering Point, whichever earlier.

I-2.14 **Commencement of Rates**

The applicable rates as defined in EXHIBIT IV hereof shall commence on the Commencement Date of Operations. No payable rates shall be payable throughout mobilization and demobilization of CONTRACTOR Equipment or CONTRACTOR Personnel.

The applicable rates as defined in EXHIBIT IV hereof shall commence upon physical mobilization.

I-2.15 **Point of Origin**

CONTRACTOR Point of Origin is at Vung Tau or other location designated by CLIENT for CONTRACTOR's Personnel that are to be furnished under this CONTRACT.

I-2.16 **Delivery Schedule**

Initial delivery date and the following time CONTRACTOR shall deliver CONTRACTOR Equipment at the designated Mobilization Site on the date stipulated in the notification issued by CLIENT.

CONTRACTOR agrees that CLIENT shall have the right to change or to amend the quantity and delivery date of the CONTRACTOR Equipment.

If other means of transportation is required due to failure of CONTRACTOR to meet committed delivery period, additional cost to be incurred shall be to CONTRACTOR's account.

I-2.17 **Request for WORKS**

A request for Provision of DD, MWD & LWD Equipment & Services shall be either via telex, facsimile, telephone, or verbal instructions to be followed by telex or facsimile from CLIENT's Contract Administrator.

I-2.18 **Duration of CONTRACT**

The duration of the CONTRACT shall be as per **ARTICLE 3**.

I-2.19 **"Call-Out" of CONTRACTOR Personnel**

CONTRACTOR shall provide CONTRACTOR Personnel on “Call-out” basis and when directed by CLIENT. CLIENT shall give to CONTRACTOR at least twenty-four (24) hours for “Call-out” personnel.

I-2.20 “Call-Out” of CONTRACTOR Equipment

CONTRACTOR shall make available CONTRACTOR Equipment at CONTRACTOR Warehouse in Vung Tau, Vietnam for delivery to the Work Site as requested by CLIENT on “Call-out” basis.

I-2.21. Completion of WORKS

Completion of WORKS shall be achieved when the operations described in EXHIBIT I-2.0 on the last well designated by CLIENT has been completed and CONTRACTOR has been notified in writing by CLIENT.

I-2.22 Demobilization of CONTRACTOR Equipment

Upon completion of WORKS on the last well designated by CLIENT, CONTRACTOR shall make ready all Equipment for offloading onto the supply vessel(s). CONTRACTOR shall be responsible for the removal of CONTRACTOR's Equipment from the designated Demobilization Site. Rental shall cease when CONTRACTOR Equipment reaches the Demobilization Site.

I-2.23 Release of CONTRACTOR Equipment

CLIENT shall have the right to release any of the CONTRACTOR Equipment for any reason whatsoever within twenty-four (24) hours. CLIENT shall endeavor to notify CONTRACTOR of its intent to release any of CONTRACTOR Equipment as soon as such decision is known. However, CLIENT shall continue to pay the applicable rental rates until the CONTRACTOR Equipment has been delivered and reached to the Demobilization Site. CONTRACTOR shall promptly prepare for demobilization whatever portion of CONTRACTOR Equipment that is to be released and shall assist CLIENT in the loading-out of the said equipment. CONTRACTOR shall be on hand at the Demobilization Site to take delivery of such equipment.

I-2.24 Re-engagement of CONTRACTOR Equipment

CLIENT shall have the option to re-engage any released CONTRACTOR's Equipment.

I-2.25 Release of CONTRACTOR Personnel

CLIENT shall give CONTRACTOR at least five (5) days advance notice of release of any designated personnel. However, subject to terms and conditions of main contact body hereto, CLIENT shall have the right to release without prior notice any of CONTRACTOR Personnel, who, in CLIENT's opinion, are or could be detrimental to the performance of the WORKS or interest of CLIENT.

I-2.26 CONTRACT Closure

CONTRACTOR shall submit to CLIENT a "CONTRACT CLOSURE LETTER" and "CONTRACT CLOSURE CERTIFICATE" as per format shown in APPENDIX X-6 and APPENDIX X-7 respectively.

I-2.27 Health, Safety and Environment Requirement

CONTRACTOR shall provide necessary tools, equipment and written procedure to make sure all hazards listed in APPENDIX VI-5 are addressed.

CONTRACTOR is required to develop the action plan (or written procedure) for each hazard listed in APPENDIX VI-5 (where and when applicable) prior to the commencement of WORKS.

I-2.28 Changes

- I-2.28.1 Should CLIENT desire any change to the CONTRACTOR's Equipment, it shall advise CONTRACTOR of said request. CONTRACTOR shall, upon request from CLIENT, provide CLIENT within fourteen (14) days a CHANGE PROPOSAL defining the terms and conditions shall include but not limited to price, method of payment, earliest commencement date and any other information deemed necessary.
- I-2.28.2 When and if CLIENT approves the CHANGE PROPOSAL, CLIENT will issue to CONTRACTOR a written CHANGE ORDER in duplicate originals in the form shown in APPENDIX IX-2 herein, CONTRACTOR shall sign both duplicate originals of the CHANGE ORDER to indicate its receipt, understanding and acceptance of it. Execution by CLIENT, one duplicate original will be returned to CONTRACTOR.
- I-2.28.3 Should the Parties agree to the terms and conditions, including but not limited the Price, and Method of payment, the change shall be made.

I-3.0 SCOPE OF WORKS

The equipment listed are proposals only for this operation and do not constitute a commitment by CLIENT to rental or purchase all item. The actual quantities and equipment to be supplied will be detailed in a "Call-out" instruction issued by CLIENT.

The WORKS is defined and described by, but not necessarily limited to any or all of the following:

I-3.1 Equipment and Personnel

- I-3.1.1 CONTRACTOR shall provide and deliver a well maintained and in good operating condition of equipment as listed in **APPENDIX II-1** of **EXHIBIT II** or elsewhere in the Published Price List, to Mobilization Site upon request by CLIENT.
CONTRACTOR is also required to provide the AI equipment/tools for CLIENT's considering to use during drilling operations (such as I-Trak advisory drilling tools or others equivalent tools) for improving safety and reducing risks.
- I-3.1.2 CONTRACTOR shall be responsible for the installation, maintenance, inspection, repair or replacement and removal of CONTRACTOR Equipment furnished pursuant to this CONTRACT. CONTRACTOR shall at all times maintain adequate facilities, equipment, supplies and spare parts to ensure that CONTRACTOR Equipment is in good working condition at all times.
- I-3.2.3 CONTRACTOR shall maintain sufficient spares and tools at the Work Site to cope with any failure of CONTRACTOR Equipment. The list of spares must be submitted to CLIENT Representative prior to spud the first well and shall be updated as spares are utilized.
- I-3.1.4 CONTRACTOR shall furnish the inspection reports/ certificates of CONTRACTOR Equipment upon request by CLIENT before delivering to Mobilization Site.
- I-3.1.5 CONTRACTOR shall provide adequate number of highly competent personnel as specified in **EXHIBIT V** for the performance of the WORKS at the Work Site.
- I-3.1.6 Upon completion of WORKS, CONTRACTOR Personnel shall make ready all CONTRACTOR Equipment for offloading onto the supply vessel(s).
- I-3.1.7 CONTRACTOR shall be responsible for the removal of CONTRACTOR Equipment from the designated Demobilization Site. Rental shall cease when CONTRACTOR Equipment reaches the Demobilization Site.

I-3.1.8 CLIENT shall not, without CONTRACTOR's consent, authorize any person other than CONTRACTOR Personnel to operate CONTRACTOR Equipment, except in an emergency, in which case, CLIENT may utilize CONTRACTOR Equipment in an appropriate manner.

I-3.1.9 CONTRACTOR shall prepare and submit a copy of monthly equipment report to CLIENT, listing the inventory and status of equipment and tools available at CONTRACTOR's warehouse/disposal complete with but not limited to complete description, serial number, last inspection date, and purchase date.

I-3.1.10 CONTRACTOR shall prepare Equipment Rental Report (ERR) as shown in **APPENDIX IV-4**, listing all equipment on rental to CLIENT. These sheets, duly signed by the CLIENT Representative shall be presented with the monthly invoice as part of the supporting document. CLIENT Representative will provide all assistance to ensure these records are accurate and reflect the exact amount of CONTRACTOR Equipment at the Work Site.

I-3.1.11 CONTRACTOR shall maintain an inventory of available stock of Products onboard the rig. CONTRACTOR shall furnish CLIENT's Representative with a clean, legible copy of the Monthly Inventory Report and make the necessary arrangement for shipment of Products to ensure efficient operation.

I-3.1.12 CONTRACTOR shall prepare and submit four (4) hard copies plus one (1) soft copy of an end-of-well report for survey within four (4) weeks after completion of each well for free of charge to CLIENT.

I-3.2.13 CONTRACTOR shall provide lubricants, paint, solvents, etc. for CONTRACTOR Equipment. CLIENT shall provide the diesel fuel for CONTRACTOR Equipment.

I-3.2 Services and Technical Support

I-3.2.1 CONTRACTOR shall use CONTRACTOR Equipment and CONTRACTOR Personnel as described in **APPENDIX II-1** to perform the WORKS in accordance with CLIENT requirements.

CONTRACTOR is also use AI equipment/ tools to use during drilling operations in case CLIENT's requirement for improving safety and reducing drilling risks.

I-3.2.2 The WORKS required by CLIENT in the performance of this CONTRACT shall be, but are not limited, to perform complete Directional Drilling, Measurement While Drilling, Logging While Drilling, Rotary Steerable System and Borehole Survey Services.

I-3.2.3 CONTRACTOR shall provide suitable Motors, RSS, MWD, LWD, bore hole survey equipment and related tool for directional drilling of hole sizes: 26", 16", 12 1/4", 8 1/2" and 6" (optional).

I-3.2.4 CONTRACTOR should monitor down hole shock and vibration in Real-time and inform CLIENT's representative immediately if down hole shock and/or vibration occurs. There will no additional cost to CLIENT for monitoring shock and vibration.

I-3.2.5 All radioactive source components must be designed to be retrievable by wireline.

I-3.2.6 CONTRACTOR shall also perform any other related services normally provided by CONTRACTOR within CONTRACTOR's capabilities, which CLIENT may reasonably request.

I-3.2.7 CLIENT will be responsible for transportation of CONTRACTOR Equipment from designated Mobilization Site to Work Site and vice-versa.

I-4.0 WORK ORDER REQUEST

Work Order Request applicable for requesting additional Equipment/ Materials/ Services to be furnished pursuant to this CONTRACT but the rates have not been specified in **EXHIBIT IV – CONTRACT PRICE, PRICE LIST AND DEPRECIATION SCHEDULE**.

Any request for Equipment/ Materials/ Services under Work Order Request category shall within the scope of this CONTRACT and shall be made in writing using WORK ORDER REQUEST format shown in **APPENDIX XI-6**.

The Work Order Request shall state the scope of each "Equipment/ Materials/ Services", Work Site, commencement date, applicable rates, reimbursable cost to CONTRACTOR by CLIENT and other details with respect to the Work Order Request and should there be a conflict, the CONTRACT shall prevail.

I-5.0 CONTRACTOR Work Performance Evaluation

CLIENT shall continuously evaluate the work performance of CONTRACTOR pursuant to the requirement of the CONTRACT throughout the term of the CONTRACT.

TECHNICAL EVALUATION CRITERIA FOR DD-MWD-LWD SERVICES FOR DHN DEVELOPMENT WELLS, BLOCK 05.1a, OFFSHORE VIETNAM						
ITEM	DESCRIPTIONS	CLIENT'S MINIMUM REQUIREMENTS	EVALUATION CATEGORY	CRITERIA		
				GREEN	YELLOW	RED
I BIDDER'S CAPABILITY AND EXPERIENCES						
1.1	Bidder Capacity	- Bidder to provide facility & information showing capability of Bidder	MINOR	Comply	Comply with minor concern	Not Comply
1.2	Bidder experience	- Bidder must provide evidence of the contract titles and reference numbers in the last ten year for CLIENT's verification	MINOR	Comply	Comply with minor concern	Not Comply
1.3	Bidder's proposal	Bidder will proposed the BHA plan, well trajectories for each wells and procedures for DD/MWD/LWD operations	MINOR	Comply	Comply with minor concern	Not Comply
II TECHNICAL CRITERIA						
2.1	DD/MWD/LWD Equipment & Services	Bidder to provide services to meet company requirement as specified in APPENDIX II-1 (Equipment specifications)	MAJOR	Comply	Comply with minor concern	Not Comply
2.2	Workshop facility in HCMC (Former Vung Tau) Vietnam	Full Redress/Maintenance services in Vung Tau, Vietnam	MAJOR	Comply		Not Comply
2.3	Equipment and personnel quantity provided	Bidder shall provide adequate quantity of equipment and personnel as stated in Appendix IV-1 (Price Schedule for equipment and Personnel)	MAJOR	Comply		Not Comply
2.4	Personnel					
2.4.1	Project Coordinator	Capable to coordinate the provision of all kind of Directional drilling, survey, MWD, LWD required tools and accessories for CLIENT, consults when request, minimum 5 year experience in DD, MWD, LWD and survey services. Min 3 year experience in project coodinator position	MAJOR	Comply		Not Comply
2.4.2	Warehouse/Work shop Engineer	Permanent in Bidder's base and work shop, skill on repairing, replacing, redressing, maintenance all kind of Directional drilling, survey, MWD, LWD required tools and accessories. minimum 5 year experience in DD, MWD, LWD and survey services	MAJOR	Comply		Not Comply
2.4.3	Directional Driller	At least 5 years experience in Directional drilling operations	MAJOR	Comply		Not Comply
2.4.4	Assistant Directional Driller	At least 3 years experience in Directional drilling operations	MAJOR	Comply		Not Comply
2.4.5	MWD/LWD Engineer	At least 5 years experience, familiar with running of Density, porosity, sonic, resistivity... tools	MAJOR	Comply		Not Comply
2.4.6	Gyro/Bore hole survey Specialist	At least 5 years experience in his operations	MAJOR	Comply		Not Comply
2.4.7	Sampling or Pressure Specialist	At least 5 years experience in his operations		Comply		
2.5	Delivery time	Ready to mobilize to offshore no later than 15 October 2026 for 1st Period and no later than 8 July 2027 for 2nd Period.	MAJOR	Comply		Not Comply
III RESULT						

NOTES:

All "Major" items are evaluated as "GREEN", and all "Minor" items are evaluated as "GREEN" or "YELLOW"	QUALIFIED
Any "Major" or "Minor" item is evaluated as "RED"	DISQUALIFIED



PETROVIETNAM EXPLORATION PRODUCTION CORPORATION LTD
DOMESTIC PETROLEUM OPERATING BRANCH - PETROVIETNAM
EXPLORATION PRODUCTION CORPORATION LIMITED

Head Office: 15th Floor, Victory Tower, 12 Tan Trao
Str., Tan My Ward, Ho Chi Minh City, S.R. Vietnam.

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Fax: (84-28) 3872 1079/3872 1088
Email: pvep.poc@pvep.com.vn

FACSIMILE TRANSMISSION

To: BIDDER

Attn: To Whom it may Concern

Ref: 2239 /PVEPPOC-PPM

Date 30th Oct., 2025

No. of page(s) (including this cover sheet): 02

SUBJECT: BID BULLETIN #02

TENDER TITLE: PROVISION OF DIRECTIONAL DRILLING, MWD & LWD SERVICES FOR DRILLING & COMPLETION PROGRAM FOR DAI HUNG NAM FIELD DEVELOPMENT, BLOCK 05-1(a), OFFSHORE VIETNAM

TENDER No.: PVEPPOC-DRL-2025-024

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, DOMESTIC PETROLEUM OPERATING BRANCH - PETROVIETNAM EXPLORATION PRODUCTION CORPORATION LIMITED (hereinafter referred to as "CLIENT") hereby would like to provide you the Bid Bulletin #02 – Important Notice as per the attachment enclosed herewith.

Thank you very much for your attention.

Yours faithfully,

For and On Behalf of CLIENT

TRUONG TUAN ANH

Deputy Director

Cc: BOM, PPM, DRL

Visa:

- DRL: [Signature]

- PPM:

ATTACHMENT OF BULLETIN #02

TENDER No.: PVEPPOC-DRL-2025-024

Item No.	ITB Section/Reference	CLIENT's requirement in ITB	Bidder's request for clarification	CLIENT's Response
1	CONTRACT FORM: EXHIBIT I - SCOPE OF SUPPLY AND TECHNICAL REQUIREMENTS		As Bidder understands, there is NOT any DD, MLWD work required for tie back and production wells DHN-4X; DHN-2X and DHN-1X	NO, as per ITB, DHN-4X, DHN-2X and DHN-1X shall be used DD for dressing out cement plugs before starting completion operation. MWD tools for these wells is an optional option.
2	CONTRACT FORM: EXHIBIT I - SCOPE OF SUPPLY AND TECHNICAL REQUIREMENTS		For Production/Injection wells, Bidder understands that only well DHN-1P will be drilled 01 sections 12.25in and 8.5in. The rest of well DHN-2P, DHN-3P, DHN-4PI, DHN-5PI and DHN-6PI to be drilled from top hole 26in then 16in and final section is 12.25in. There are NO 8.5in section for these wells. Company, please help to clarify	YES, However, Bidder is requested to provide the DD/MWD/LWD for these wells in contingency case in 8.5" section as ITB's requirements.
3	CONTRACT FORM: EXHIBIT I - SCOPE OF SUPPLY AND TECHNICAL REQUIREMENTS		Please help to share us the AFE curve for DHN-1P, DHN-2P, DHN_3P, DHN-4PI, DHN-5PI and DHN-6PI	NO, Bidder is strictly followed the PVEP-POC's bidding procedures.
4	CONTRACT FORM: EXHIBIT I - SCOPE OF SUPPLY AND TECHNICAL REQUIREMENTS		Company, please reconfirm that the LWD programs for those wells are maximum Quad-Combo services (GR-RES-Density-Porosity-Sonic) but NOT require any Formation Pressure While Drilling or Sampling While Drilling. Company, Please help to confirm.	YES, however Bidder is requested to provide these tool as optional option as ITB's requirements.



PETROVIETNAM EXPLORATION PRODUCTION CORPORATION LTD
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FACSIMILE TRANSMISSION

To: BIDDER

Attn: To Whom it may Concern

Ref.: 2271 /PVEPPOC-PPM

Date 4th Nov. 2025

No. of page(s) (including this cover sheet): 02

SUBJECT: BID BULLETIN #03

TENDER TITLE: PROVISION OF DIRECTIONAL DRILLING, MWD & LWD SERVICES FOR DRILLING & COMPLETION PROGRAM FOR DAI HUNG NAM FIELD DEVELOPMENT, BLOCK 05-1(a), OFFSHORE VIETNAM

TENDER No.: PVEPPOC-DRL-2025-024

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, DOMESTIC PETROLEUM OPERATING BRANCH - PETROVIETNAM EXPLORATION PRODUCTION CORPORATION LIMITED (hereinafter referred to as "CLIENT") hereby would like to provide you the Bid Bulletin #03 – Important Notice as per the attachment enclosed herewith.

Thank you very much for your attention.

Yours faithfully,

For and On Behalf of CLIENT

TRUONG TUAN ANH

Deputy Director

Cc: BOM, PPM, DRL

Visa:

- DRL:

- PPM:

ATTACHMENT OF BULLETIN #03
TENDER No.: PVEPPOC-DRL-2025-024

Item No.	ITB Section/Reference	CLIENT's update
1	1. ITB 2. CONTRACT FORM: EXHIBIT I - SPECIAL PROVISION AND SCOPE OF WORKS PART II – EXHIBIT IV – CONTRACT PRICE AND DEPRECIATION SCHEDULE	At the place wherein mentioned suitable, the Drilling Program is updated as follows: In the event the CLIENT requires the rig on 10 August 2026, Bidders are kindly requested to confirm the Service's availability at the Mobilization Site at that time. Specifically, 1 st Period (Phase 1): is divided to two options: Option 1A: tentatively start on 15 th October 2026 Option 1B: tentatively start on 10 August 2026
2	Technical Evaluation Criteria	To be updated as attachment.
3	All other remaining ITB documents	All other remaining ITB documents, bid bulletins remain in full effect.