



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

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## FACSIMILE TRANSMISSION

**To: BIDDER**  
**Attn: To Whom it may Concern**

**Ref.:** \_\_\_\_\_/PVEPNCS-CPM

**Date** 11<sup>th</sup> May 2026

**No. of page(s)** (including this cover sheet): 12

**SUBJECT: BID BULLETIN #02**

**TENDER TITLE: PROVISION OF SLICK LINE, MAST AND MPLT WORK FOR  
PRODUCION WELLS AT DAI HUNG FIELD, BLOCK 05-1A,  
OFFSHORE VIETNAM**

**TENDER No.:** PVEPPOC-DRL-2026-004

*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 #02 in which is summarized as follow:

- The EXHIBIT II – EQUIPMENT SPECIFICATIONS of ITB No. PVEPNCS-DRL-2026-004 shall be updated/ revised as per the attachment enclosed herewith.
- The rest of the ITB is remain unchanged.

Thank you very much for your attention.

Yours faithfully,

*For and On Behalf of CLIENT*

**TRUONG TUAN ANH**

Deputy Director

Verified by: TRUONG TUAN ANH  
Signed by: BOM, PPM, SSF  
Signed date: 12/05/2026 16:34:52

**EXHIBIT II**  
**EQUIPMENT SPECIFICATIONS**

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**APPENDIX**

II-1	EQUIPMENT SPECIFICATIONS
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## EXHIBIT II

### EQUIPMENT SPECIFICATIONS

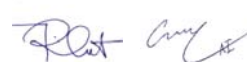
CONTRACTOR shall provide but not limited to the following:

#### **II-1.0 GENERAL SPECIFICATION FOR CONTRACTOR EQUIPMENT**

Pursuant to **ARTICLE 14, 'CONTRACTOR'S OBLIGATION'**, CONTRACTOR shall provide the complete line of equipment as listed in **APPENDIX II-1** and or elsewhere in the Published Price List, to perform the complete **the WORKS**.

- II-1.1 CONTRACTOR shall quote the propose equipment for this CONTRACT in the format shown in the **APPENDIX II-1**. All items quoted shall have details on specification and manufacturer.
- II-1.2 CONTRACTOR shall ensure that all CONTRACTOR Equipment deliver to the Work Site is accompanied with sufficient spare part to maintain the Equipment in good working order.
- II-1.3 CONTRACTOR shall ensure that all CONTRACTOR Equipment is in good working condition prior to mobilization to Work Site. CONTRACTOR shall be able to furnish the inspection report of delivered equipment upon request by CLIENT.
- II-1.4 CONTRACTOR Equipment shall be clearly marked and suitably protected from the effect of corrosion and mechanical damage during handling, storage and transportation in steel container with four lifting pads and complete with certified four legged slings. All slings must be color coded as per CLIENT requirement. All CONTRACTOR Equipment is subject to CLIENT inspection prior to acceptance.
- II-1.5 CONTRACTOR will provide all applicable computing and plotting facilities and final well plots free of charge.
- II-1.6 CONTRACTOR shall submit a copy of monthly equipment report to CLIENT, listing the inventory and status report 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.

CONTRACTOR shall prepare Equipment Rental Report (ERR), listing all CONTRACTOR Equipment at the Work Site and on rental to CLIENT. This report, duly signed by the CLIENT Representative at Work Site, shall be presented with the monthly invoice as part of the supporting document.



II-1.7 The equipment should preferably be field proven for use in the environment to which it will be subjected CONTRACTOR shall ensure that all CONTRACTOR Equipment are followed the API standard.

## **II-2.0 CONTRACTOR EQUIPMENT**

### **II-2.1 Designated 'Consignment' Equipment**

CONTRACTOR shall make available all designated 'Consignment' CONTRACTOR Equipment as listed in **APPENDIX II-1** for the exclusive use of CLIENT. All CONTRACTOR Equipment as listed in **APPENDIX II-1** shall be located at the CONTRACTOR's Warehouse. CLIENT shall compensate CONTRACTOR at scheduled rates stipulated in the **APPENDIX IV-1**.

### **II-2.2 Designated 'Call-Out' Equipment**

CONTRACTOR shall make available all designated 'Call-out' CONTRACTOR Equipment as listed in **APPENDIX II-1** for the CLIENT use upon request in writing. All CONTRACTOR Equipment as listed in **APPENDIX II-1** shall be located at the CONTRACTOR's Warehouse. CLIENT shall compensate CONTRACTOR at scheduled rates stipulated in the **APPENDIX IV-1**.


### **II-2.3 Spot 'Call-Out' Equipment**

CLIENT may from time to time require equipment on spot 'Call-out' basis from CONTRACTOR's Published Price List. CLIENT shall compensate CONTRACTOR at the quoted price shown in CONTRACTOR's Published Price List.

## **II-3.0 REPAIR AND MAINTENANCE SERVICE**

CONTRACTOR shall have adequate facilities, equipment and spare parts to repair service and maintain CONTRACTOR Equipment in good working order. Machine shop and repair facilities shall be available 24 hours a day including holidays **in Vung Tau Supply Base**. CLIENT Representative shall have the right to monitor/verify the maintenance of equipment (for major repair and service)

**END OF EXHIBIT**



**APPENDIX II-1**

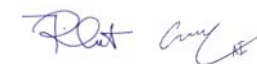
**EQUIPMENT SPECIFICATIONS**

**1. CALL OUT SLICK-LINE EQUIPMENT AND TOOLS**

<p align="center"><b>CLIENT SPECIFICATIONS</b></p> <p align="center">Slick-line Equipment and Tools including but not limited to the following:</p>	<p align="center"><b>QTY</b></p>	<p align="center"><b>CONTRACTOR PROPOSED SPECIFICATIONS</b></p>
<p>(a) <u>Slick-line unit (within 5 years old, purchase proof to be included in Technical proposal):</u>  <u>Dual Drum Slick-line Unit (Sour Service)</u>                      Containerize dual drum logging unit C/W winch unit, logging cabin and power pack must be included but not limit to the following features:</p> <ul style="list-style-type: none"> <li>- Zone 2 certified</li> <li>- Hydraulic or air starter</li> <li>- One drum of Slickline Zeron 100HS wire 0.125', minimum 15,000 FT length. H2S service, minimum breaking strength 3000 Lbs.</li> <li>- One drum of 7/32' Braidedline</li> <li>- Digital depth/tension devices for Slickline operation.</li> <li>- Standard acquisition, collector and accessories for depth correlation.</li> </ul> <p><u>Hydraulic Power Pack</u>                      A hydraulic power unit driven by diesel engine (water or air cooled) complete with all accessories to provide power required to operate each and every piece of CONTRACTOR Equipment. Skid mounted or integrated with Offshore Logging Unit. Diesel engine must have hand and pneumatic/hydraulic start, flame arrestor and exhaust manifold wrapped with non-flammable material.</p>	<p align="center"><b>1 set</b></p>	<p align="center">COMPLY: Y/N</p>
<p>(b) <u>Slick-line Lubricator</u>                      All lubricator sections to be interchangeable, 3' ID x 10K psi WP, hydraulically tested to 15K psi and x-ray by third party and reports of the test submitted to CLIENT. One (01) section of lubricator c/w 2 x ½' NPT fittings and valves for bleeding off and chemical injection. Minimum total length of 40ft.                      Stuffing Box to have compatible connections with lubricator sections. Complete with sheave etc. and 10K</p>	<p align="center"><b>1 set</b></p>	<p align="center">COMPLY: Y/N</p>



<p style="text-align: center;"><b>CLIENT SPECIFICATIONS</b></p> <p style="text-align: center;">Slick-line Equipment and Tools including but not limited to the following:</p>	<p style="text-align: center;"><b>QTY</b></p>	<p style="text-align: center;"><b>CONTRACTOR PROPOSED SPECIFICATIONS</b></p>
<p>psi WP. Dual ram hydraulic W/L BOP, 3' and 4' ID, 10K psi WP, having top connection compatible with lubricator sections complete with hydraulic hoses and hand pump. Pump In Sub and Bleed off Sub: 3' and 4' ID, 10K psi WP. TIW valve (work valve) for pressure test PCE or injection in to the well. The CONTRACTOR should provide adaptor between the W/L BOP and Surface Flowhead if required. Type of surface flowhead's connection will be informed. Cross-over from PCE to the production well head/X-mas tree (Well head connection TBA)</p>		
<p>(c) <u>Slick-line Tool Box</u></p> <p>Complete with rope sockets, stems, jars, knuckle joints, roller bogies, gauge cutters (2' – 3.8' OD), LIB (2' – 3.8' OD), hydrostatic sand bailers (1.5' - 1.875' OD), junk catcher, crossovers, clamps, spares, consumables, pulling tools, running tools and fishing tools and other accessories for slick-line/braided line/mono-conductor operations including but not limited to the following:</p> <ul style="list-style-type: none"> <li>- Downhole tools: full set of 1 7/8' and 1 1/2' OD, working condition 177oC and 10K psi WP. Sour environment.</li> <li>- Run set and pull multiple shut-in/open downhole latch system (with gauges if required) for downhole shut-in valve for surface read-out.</li> <li>- Run, hang and pull surface read-out gauges on yo-yo</li> <li>- Run and shift SSDs.</li> <li>- Run three (03) bottomhole samplers in tandem using clock and/or surface set with/without gauges.</li> <li>- Run and shift SSDs.</li> <li>- Run and shift releasing tool to drop TCP gun.</li> <li>- Swabbing and basic Fishing Tools.</li> <li>- X-over from pressure equipment to DST test tree/Flowhead.</li> <li>- Fishing Tools: Full package for fishing in 3.5' &amp; 4.5' tubing including sand bailer, junk basket, go-devil, over short, pulling and running tool suitable for slick line tools acceptable working in sour environment. Maximum temperature/pressure is 177oC and 10K psi.</li> </ul>	<p><b>1 set</b></p>	<p>COMPLY: Y/N</p>



<p style="text-align: center;"><b>CLIENT SPECIFICATIONS</b></p> <p style="text-align: center;">Slick-line Equipment and Tools including but not limited to the following:</p>	<p style="text-align: center;"><b>QTY</b></p>	<p style="text-align: center;"><b>CONTRACTOR PROPOSED SPECIFICATIONS</b></p>
<p>(d) <u>Pressure Test Pump</u> 10K psi WP and high rate.</p>	<p style="text-align: center;"><b>1 ea.</b></p>	<p style="text-align: center;">COMPLY: Y/N</p>
<p>(e) <u>Pressure Control Panel</u> 10K psi WP for controlling Subsea Safety Control Valve and Surface hydraulic valves of wellhead. Including two (02) 300ft length horses 5K psi WP and quick unions.</p>	<p style="text-align: center;"><b>1 ea.</b></p>	<p style="text-align: center;">COMPLY: Y/N</p>
<p>(f) <u>Air Compressor</u> 120psi WP, flow rate 90 cubic feet per minute.</p>	<p style="text-align: center;"><b>1 ea.</b></p>	<p style="text-align: center;">COMPLY: Y/N</p>
<p>(g) <u>Hydraulic Ball Valve</u> Hydraulic Ball Valve - Working pressure: 10,000psi - Minimum ID: 3.0' size - Bottom &amp; Top Connection: Suitable with Contractor's PCE - Hydraulic control and operated. Service: H2S service.</p>	<p style="text-align: center;"><b>1 ea.</b></p>	<p style="text-align: center;">COMPLY: Y/N</p>
<p>(h) <u>7/32' Braided cable for Sour Service</u> - Compatible with the Wireline Unit. - Minimum Breaking Load <math>\geq</math> 6,500 lb. - Length: Minimum 6,000m. - Provide the suitable Winch Drum and transportation box</p>	<p style="text-align: center;"><b>1 set</b></p>	<p style="text-align: center;">COMPLY: Y/N</p>
<p>(i) <u>7/32' or 5/16" wireline drum (Mono Cable)</u> - Length: Minimum 22000ft.</p>	<p style="text-align: center;"><b>1 set</b></p>	<p style="text-align: center;">COMPLY: Y/N</p>



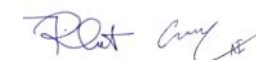
<p style="text-align: center;"><b>CLIENT SPECIFICATIONS</b></p> <p style="text-align: center;">Slick-line Equipment and Tools including but not limited to the following:</p>	<p style="text-align: center;"><b>QTY</b></p>	<p style="text-align: center;"><b>CONTRACTOR PROPOSED SPECIFICATIONS</b></p>
<ul style="list-style-type: none"> <li>- Compatible with the Exclusive Wireline Unit.</li> <li>- Suitable with downhole conditions for logging and perforating in deviation well</li> </ul>		
<p>(j) <u>Grease wireline stuff box and accessories</u></p> <p>10k Grease Injection Head /Stuffing Box / Pack-off / Line Wiper Service: H2S service.</p> <ul style="list-style-type: none"> <li>- Wire size: match with the braided cable.</li> <li>- Provide up to 6 Flow tube.</li> <li>- Provide ball check valve, cable cutter subs.</li> <li>- Provide compatible pulley, sheave wheel.</li> <li>- The lifting sling is a 4-leg, wire, SWL within 3.5 ton</li> <li>- Bottom Connection: Quick Union matching with exclusive slickline PCE and Tool Catcher</li> </ul>	<b>1 set</b>	COMPLY: Y/N
<p>(k) <u>Gamma ray/ CCL tool (main + back up)</u></p> <p>Shooting GR-CCL for depth correlation and perforation in one single run in hole</p> <ul style="list-style-type: none"> <li>- Working Temperature: 177DegC</li> <li>- Pressure Rating 20k psi</li> </ul>	<b>1 set</b>	COMPLY: Y/N
<p>(l) <u>Non-explosive tubing cutter (mechanical or plasma)</u></p> <p>NONE-Explosive Tubing Cutter for 3.5' to 4.5' Tubing</p> <ul style="list-style-type: none"> <li>- Temperature rating 350 DegF or above</li> <li>- Pressure rating up to 15,000 psi</li> <li>- Self-anchoring system to prevent unstable condition inside and out site cut tubing</li> <li>- No limit for cutting environment, working in all types of fluid and dry well</li> <li>- Cut all grades of pipe/tubing</li> <li>-Cutting quality: Clean, burr-free, flare-free cut</li> </ul>	<b>1 set</b>	COMPLY: Y/N
<p>(m) <u>Addressable release tool</u></p>	<b>1 set</b>	COMPLY: Y/N



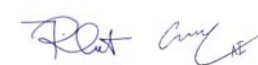
<p style="text-align: center;"><b>CLIENT SPECIFICATIONS</b></p> <p style="text-align: center;">Slick-line Equipment and Tools including but not limited to the following:</p>	<p style="text-align: center;"><b>QTY</b></p>	<p style="text-align: center;"><b>CONTRACTOR PROPOSED SPECIFICATIONS</b></p>
<p>Addressable Release Tools (ART) with ID 1 11/16" or 2 1/8' suitable for various applications, including pump-down operations, deviated or horizontal wells, and situations where high tensions are probable. Allows for controlled release of the toolstring, minimizing risk. Can be used with various toolstrings and equipment. Incorporates safety systems to prevent accidental release.</p> <ul style="list-style-type: none"> <li>- Running tools in deviated or horizontal wells where high tensions are probable and it may not be possible to break the mechanical weak point</li> <li>- For use in wells where there is a risk that the toolstring could get stuck.</li> <li>- Below a tractor to give the best chance possible of retrieving the tractor should the passenger toolstring become stuck</li> <li>- Working Temperature: 177DegC</li> <li>- Pressure Rating 15k psi</li> </ul>		
<p><b><u>OPTIONAL SLICKLINE EQUIPMENT AND TOOLS</u></b></p> <p>&lt;&lt;CONTRACTOR is to propose&gt;&gt;</p>		

## 2. CALL OUT MEMORY PRODUCTION LOGGING TOOLS

<p style="text-align: center;"><b>CLIENT SPECIFICATIONS</b></p> <p>The MPLT package for logging survey in 3.5' and 4.5' OD tubing with maximum inclination up to 60deg.</p>	<p style="text-align: center;"><b>QTY</b></p>	<p style="text-align: center;"><b>CONTRACTOR PROPOSED SPECIFICATIONS</b></p>
<p>(a) <u>Memory Production Logging Tools (Main and Backup)</u></p> <p>Diameter: 1-11/16'</p> <p>Maximum working temperature: 150°C</p> <p>Maximum WP: 10K psi.</p> <p>The package should include but not limited to the following:</p> <ul style="list-style-type: none"> <li>- Deployment tools: Weight Bars, Knuckle Joints, Swivel joints, cross overs, 3-Arm Roller Centralisers, Bow spring Centralisers.</li> <li>- CCL and GR sensors for depth correlation: sensitivity 1 count/API, accuracy less 10%).</li> <li>- Temperature sensor: resolution less 0.005°C, accuracy ±0.15°C.</li> <li>- Pressure sensor: resolution less 0.008psi, accuracy ±0.02psi/ft.</li> <li>- Radioactive density sensor: resolution less 0.01g/cc, accuracy ±0.03g/cc, range from 0 to 1.25g/cc.</li> <li>- Fluid Density Inertial (FDI) sensor (non-radioactive) for fluid identification: accuracy of ±0.03 g/cc with range 0 to 1.25g/cc.</li> <li>- Capacitance Water Holdup and Gas Holdup sensors for fluid identification: resolution less 1%, accuracy of ±5% with range 0 to 45% fluid hold up.</li> <li>- Fullbore spinner sensor: threshold 1.7ft/min, fluid velocity above 500ft/min.</li> <li>- Inline spinner sensor: threshold 12ft/min, fluid velocity above 3000ft/min.</li> <li>- Continuous spinner sensor: threshold 12ft/min, fluid velocity above 3000ft/min.</li> <li>- Memory section: sampling rate from 0.1 to 1 second, memory minimum 16Mb</li> </ul>	<p><b>2 set</b></p>	<p>COMPLY: Y/N</p>
<p>(b) <u>Dummy MPLT Tools</u></p>	<p><b>1 set</b></p>	<p>COMPLY: Y/N</p>
<p>(c) <u>Conveyance tools &amp; accessories for logging in deviated wells</u></p> <p>Allow the tools to run in high deviation wells or wells with high friction; Eline Rollerise tools for <u>3.5' and 4.5' tubing</u></p>	<p><b>1 set</b></p>	<p>COMPLY: Y/N</p>



<p style="text-align: center;"><b>CLIENT SPECIFICATIONS</b></p> <p>The MPLT package for logging survey in 3.5' and 4.5' OD tubing with maximum inclination up to 60deg.</p>	<p style="text-align: center;"><b>QTY</b></p>	<p style="text-align: center;"><b>CONTRACTOR PROPOSED SPECIFICATIONS</b></p>
<p>(d) <u>Surface Equipment and Software for MPLT Data Acquisition</u></p> <p>Allows the operators to program the tools prior to logging runs, and to acquire, log, assemble, and present various kinds of downhole data after logging runs. This includes applications for creating well diagrams, tool diagrams, customized log headers, calibration summaries, and logging passes.</p>	<p style="text-align: center;"><b>1 set</b></p>	<p style="text-align: center;">COMPLY: Y/N</p>
<p>(e) <u>MPLT Interpretation services</u></p> <p>Interpretation of MPLT/PLT data of single or multiple phase, multiple flow rate.</p>	<p style="text-align: center;"><b>10 wells</b></p>	<p style="text-align: center;">COMPLY: Y/N</p>
<p>(f) <u>Lesson learned Workshop</u></p>	<p style="text-align: center;"><b>Trip</b></p>	
<p><b><u>OPTIONAL MPLT TOOLS</u></b> &lt;&lt;CONTRACTOR is to propose&gt;&gt;</p>		



**3. CALL OUT MAST SYSTEM**

<p style="text-align: center;"><b>CLIENT SPECIFICATIONS</b></p> <p style="text-align: center;">The package is required for rig-less slick-line operations.</p>	<p style="text-align: center;"><b>QTY</b></p>	<p style="text-align: center;"><b>CONTRACTOR PROPOSED SPECIFICATIONS</b></p>
<p>(a) <u>Mast 70 feet (within 5 years old, purchase proof to be included in Technical proposal)</u></p> <p>A minimum 70-feet Telescopic Wireline Hydraulic Mast System, Zone 1 specification. Completed with a Power pack unit driven by diesel engine. Zone 2 Specification. Must be less than 3 years old.</p>	<p style="text-align: center;"><b>1 set</b></p>	<p style="text-align: center;">COMPLY: Y/N</p>
<p><b><u>OPTIONAL EQUIPMENT AND TOOLS</u></b> &lt;&lt;CONTRACTOR is to propose&gt;&gt;</p>		

**4. ADDITIONAL SLICK-LINE EQUIPMENT AND TOOLS**

Any additional equipment in contact with reservoir fluid must be sour service. CONTRACTOR has to specify to CLIENT additional equipment and tools that are required to CONTRACTOR's operation. CLIENT shall have the right not to accept any of the additional equipment offered by CONTRACTOR.

**5. PREPARATION, REPAIR AND MAINTENANCE SERVICES/SUPPORT BASE & OFFICE IN VUNGTAU**

CONTRACTOR must have adequate tools, equipment and spare parts inventory to service and maintain in good working order on the Work Site(s) and at the respective supply bases in Vung tau. CONTRACTOR is able to provide the list of spare equipment, spare parts and consumables that will be maintained at CONTRACTOR's warehouse to support the operations. CONTRACTOR must have a designated team to provide technical support in town, supply base, logistic capability to support offshore operation.

**6. SOUR (H2S, CO2 AND ACIDIZING) SERVICE**

All equipment and tools in contact with or expose to reservoir fluids must be sour service (H2S, CO2 and acid) and built as per ANSI/ASME B31-3 and NACE MR-01-75 specifications.

