



VIETSOVPETRO

INVITATION TO BID

**FOR 12 INCH OIL PIPELINE MSP1-BK2,
MSP1-MSP8 IN-LINE INSPECTION**

VSP's PACKAGE №: DV-73/26-KT

HO CHI MINH CITY, VIET NAM 2025

INVITATION TO BID

Bidding package No:

DV-73/26-KT

Title of bidding package:

**12 INCH OIL PIPELINE
MSP1-BK2, MSP1-MSP8 IN-
LINE INSPECTION**

Name of the project:

Issued on:

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Issued including Decision:



CONTENTS

Brief description

Abbreviation

PART 1 – BIDDING PROCEDURES

Chapter I. Instructions to bidders

Chapter II. Bidding data sheet

Chapter III. Bid proposal evaluation criteria

Chapter IV. Bidding form

PART 2 – SCOPE OF SERVICES REQUIREMENTS

Chapter V. Scope of services

PART 3 – CONDITIONS OF CONTRACT AND CONTRACT FORMS

PART 4 – APPENDICES



BRIEF DESCRIPTION

Part 1. BIDDING PROCEDURES

Chapter I. Instructions to bidders

This Chapter provides information to help bidder in preparation of Bid Proposal. Information includes rules of preparation, submission of Bid Proposal, bid opening, bid evaluation and contract award. Chapter I contains provisions that are to be used without modification.

Chapter II. Bidding data sheet

This Chapter specifies in detail contents of Chapter I for applying for each bidding package.

Chapter III. Bid evaluation criteria

This Chapter includes criteria for evaluation of Bid Proposal.

Chapter IV. Bidding forms

This Chapter includes forms that bidder shall complete to form a part of Bid Proposal.

Part 2. TECHNICAL REQUIREMENTS

Chapter V. Technical requirements

This Chapter includes scope, progress of services supply, technical requirements, drawing for description the specification of services.

Part 3. TERMS AND CONDITIONS OF CONTRACT AND CONTRACT FORMS

Chapter VI. General Conditions of Contract

This Chapter includes general conditions applied for all contracts of various bidding packages. Chapter VI contains common provisions that are completed by awarded bidder before contract comes into effect.

Chapter VII. Particular Conditions of Contract

This Chapter includes contract data and specific conditions, which specifies detailed conditions for each contract. Particular conditions of contract are to be modified and supplemented but not to replace general conditions of contract.

Chapter VIII. Contract forms

This Chapter includes forms which, once completed, shall become integrated part of contract. Templates of contract performance guarantee (Performance Bond) and Advance payment guarantee (if any) are completed by awarded bidder before contract comes into effect.

Part 4. APPENDICES

- Scope of services;
- Technical requirements;
- Technical evaluation criteria;
- Other technical documents, ... + link for reference (if any).

ABBREVIATION

ITB	Instructions to Bid
BDS	Bid data sheet
GCC	General conditions of contract
PCC	Particular conditions of contract
VND	Vietnam Dong
USD	US Dollar
EUR	European currency

Part 1. BIDDING PROCEDURES

Chapter I. INSTRUCTIONS TO BIDDERS

1. Scope of bid	<p>1.1. Employer as specified in the BDS issues this Invitation to Bid for selection of Bidder to implement bidding package for supplying of services following single-stage one-envelope procedure.</p> <p>1.2. Title of the bidding package; number, quantity of parts (in case bidding package is divided into many independent parts) belongs to bidding package as specified in BDS.</p> <p>1.3. Time for implementation of contract as specified in the BDS.</p>
2. Explanation of terms used in bidding	<p>2.1. The Deadline for bid submission is the deadline for submission bids and is specified in the Invitation to Bid.</p> <p>2.2. Day refers to Gregorian calendar day, including weekends, holidays, and Tet holidays according to the provisions of laborlaw.</p> <p>2.3. Time and date is the time and date displayed on the National bidding network (GMT + 7).</p>
3. Source of funds	<p>Source of funding (or method of capital arrangement) for bidding package as specified in BDS.</p>
4. Prohibited acts in bidding	<p>4.1. Offering, giving, receiving or taking a bribe;</p> <p>4.2. Abusing positions or entrusted power to influence or illegally intervene in bidding process in any form;</p> <p>4.3. Collusive practice, including:</p> <ul style="list-style-type: none">a) Reaching, with or without undue influence, an arrangement or agreement which is designed to let one or more parties to prepare bids for all bidders or to withdraw submitted bids so that one of them will win the bid;b) Reaching an arrangement or agreement on refusal to supply goods or services, or subcontract, or reaching other agreements to limit competition so that one party will win the bid;c) A bidder or investor with appropriate qualifications and experience has submitted a bid and meets the requirements laid down in the Invitation to Bid but deliberately refuses to provide additional documents proving their capacity and experience at the Vietsovpetro's request for clarification of the bid or verification of their submitted documents with the aim of facilitating one party's winning of the bid. <p>4.4. Fraudulent practice, including:</p> <ul style="list-style-type: none">a) Forging or falsifying information and/or documents used in bidding;b) Deliberately providing information and documents which are not accurate or objective in bids or proposals with the aim of falsifying the contractor selection result. <p>4.5. Obstructive practice, including:</p> <ul style="list-style-type: none">a) Destroying, deceiving, altering or concealing of evidence or making false statements; threatening, harassing or intimidating any party to

- prevent the verification or investigation into a corrupt, fraudulent or collusive practice made with a supervision, inspection or audit authority;
- b) Obstructing the competent person, employer, Vietsovpetro, bidders in the course of contractor selection;
- c) Impeding competent authorities' rights of supervision, inspection or audit of bidding activities;
- d) Deliberately making false complaints, denunciations or petitions with the aim of impeding bidding process;
- e) Acts of violation against laws and regulations on cybersecurity and safety intended to intervene or impede the online bidding process.

4.6. Inequality and non-transparency, including:

- a) A bidder of a package or investment project is also Vietsovpetro or employer or takes charge of performing tasks of Vietsovpetro or employer of that package or investment project, violating against the regulations stated in Point 5 ITB;
- b) A person or entity concurrently engages in the preparation and appraisal of Invitation to Bid, or RFP of the same package or investment project;
- c) A person or entity concurrently engages in the evaluation of bids or proposals and the appraisal of the contractor selection result of the same package or investment project;
- d) A person who is working for Vietsovpetro/employer directly engages in the contractor selection, or acts as a member of the expert team or appraising team in charge of appraising the contractor selection result, or is a competent person or head of Vietsovpetro/employer, for a package or investment project for which his/her family relative, as defined in the Law on enterprises, directly submits a bid or acts as the legal representative of a bidder;
- e) A bidder submits a bid for a procurement, construction or non-consulting service package for which the bidder is also acting as a consultant on preparation, verification and appraisal of cost estimate, technical design, building drawings and designs, front-end engineering design (FEED); preparation and appraisal of Invitation to Bid; evaluation of bids; inspection of goods; appraisal of contractor selection result; supervision of contract execution;
- f) A person acts as a bidder for a package of a project or investment project of Vietsovpetro or employer for which he/she worked and held the executive or managerial position within 12 months from the date of his/her resignation therefrom;
- g) A supervision consultant also acts as the inspection consultant of the same package.

4.7. Unauthorized disclosure of the following information and documents on the contractor selection:

- a) Contents of Invitation to Bid before they are issued as prescribed;
- b) Contents of Bids, notebooks, minutes of bid evaluation meetings, comments and evaluations for each Bids before publishing contractor selection result;

	<p>c) Content of request for clarification of Bid proposals of Vietsovetro and responses of bidders during the evaluation process of Bid proposals before publishing the contractor selection result;</p> <p>d) Report of Vietsovetro, report of the expert group, appraisal report, report of consulting bidder, report of relevant professional authorized organization during the contractor selection process before publishing the contractor selection result;</p> <p>e) The contractor selection result before it is disclosed as prescribed;</p> <p>f) Other documents in the contractor selection process, which are stamped confidential according to the provisions of Regulation No. VSP-000-TM-238.</p> <p>4.8. Illegal transfer of awarded contract:</p> <p>The contractor transfers to other contractor(s) a volume of tasks of the package worth more than 10% of package value; or worth less than 10% of package value but more than 02 million USD (after deducting the work part of the subcontractor's responsibility as declared in the contract), calculated on the signed contract price.</p>
<p>5. Eligibility of bidders</p>	<p>A bidder that is an organization shall be deemed to be eligible if complying the following requirements:</p> <p>a) It is required to have registration and operational license granted by the competent government body of the country in which it is operating.</p> <p>b) It must keep independent accounting records;</p> <p>c) It is not undergoing dissolution process or subject to revocation of enterprise registration certificate, cooperative/cooperative union/artel registration certificate; is not facing insolvency as prescribed by the law on bankruptcy;</p> <p>d) It must ensure competitiveness in bidding as prescribed in BDS;</p> <p>e) It is not being prohibited from participating in bidding;</p> <p>f) It is not liable to criminal prosecution;</p> <p>g) It is not the state of temporary suspension, termination of participation in National bidding network;</p> <p>h) Its name is registered on National bidding network before the grant of approval for contractor selection result as prescribed in BDS.</p>
<p>6. Contents of Invitation to Bid</p>	<p>6.1. The Invitation to Bid consists of Parts 1, 2, 3 and 4 accompanied with documents of Bid Proposal amendment as specified in ITB 7 (if any) including as follows:</p> <p>Part 1. Bidding procedures:</p> <ul style="list-style-type: none"> - Chapter I. Instructions to Bidders (ITB); - Chapter II. Bidding Data Sheet (BDS); - Chapter III. Bid Proposal Evaluation Criteria; - Chapter IV. Bidding Forms. <p>Part 2. Technical Requirements:</p> <ul style="list-style-type: none"> - Chapter V. Technical Requirements. <p>Part 3. Conditions and Forms of Contract</p> <p>This Part includes terms, conditions, data and forms that constitute the complete contract.</p> <p>Part 4. Appendices</p>



	<p>6.2. Vietsovpetro is not responsible for the preciseness, completeness of the Invitation to Bid, explanation for clarification documents, minutes of pre-tender conference (if any) or amendment of Invitation to Bid as prescribed in ITB 7 if these documents are not obtained from Vietsovpetro. In case of any contradiction, documents issued by Vietsovpetro shall prevail for consideration and evaluation.</p> <p>6.3. The bidder is expected to examine all instructions, forms, supply requirements and other requirements in the Invitation to Bid, including the contents of amendment, clarification of the Invitation to Bid, the minutes of the pre-bid conference (if any) for preparation Bid Proposal including all information or documentation as required by the Invitation to Bid.</p>
7. Clarification, amendment of Invitation to Bid	<p>7.1. The amendment of the Invitation to Bid shall be made as prescribed in BDS prior to the deadline for bid submission by issuing the written documentation for amendment in accordance with the methods as prescribed in BDS. To give bidders reasonable time in preparing their Bid proposal, Vietsovpetro may, at its discretion, extend the deadline for bid submission.</p> <p>7.2. Any bidder who needs clarification of the ITB shall send a written request to Vietsovpetro in a minimum period of time as prescribed in the BDS prior to date of deadline for bid submission in order that Vietsovpetro shall take consideration. After receiving the written request for clarification by the deadline, Vietsovpetro shall make a written clarification response in a minimum period of time as prescribed in BDS, that specifying clarification content request without specifying the name of the requesting bidder, and send it to every bidder who have received the ITB from the Vietsovpetro. If the clarification leads to amendment ITB, Vietsovpetro shall amend the ITB in accordance with ITB 7.1.</p> <p>7.3. If necessary Vietsovpetro hold pre-bidding conference to discuss the contents in Bidding Document in which the bidders are unclear as stipulated in BDS. Vietsovpetro shall send an invitation to the pre-bidding conference to all bidders who have received the Invitation to Bid and post it on the System. The discussion shall be formally recorded as minutes of clarification which shall be sent to all bidders who have bought or acquired Invitation to Bid from Vietsovpetro.</p> <p>7.4. In case the Invitation to Bid is required to be modified after the pre-tender conference, Vietsovpetro shall issue a written document for amendment as specified in ITB 7.1, minutes of pre-bidding conference is not the amendment of Invitation to Bid.</p> <p>7.5. No participation in pre-bidding conference or without a confirmation letter that bidder having participated in pre-bidding conference is not the reason to reject the Bid proposals' bidder.</p>
8. Cost of bidding	<p>The bidder shall bear all costs associated with the bidding process (the preparation and submission of its Bid Proposal). Vietsovpetro shall not be liable for those cost under any circumstances.</p> <p>Cost of bidding as specified in the BDS.</p>
9. Language of Bid Proposal	<p>The bid proposal, as well as all correspondence and documents relating to the bid proposal exchanged by the bidder and Vietsovpetro, shall be written in English. Any supporting documents in bid proposal can be written in other languages and concurrently attached with translation in English. In case of no translation, if necessary, Vietsovpetro may ask bidder for supplementation of documents.</p>

<p>10. Documents comprising the bid proposal</p>	<p>The Bid Proposal consists of the following:</p> <p>10.1. Application for bidding in accordance with ITB 11;</p> <p>10.2. Consortium agreement in case the bidder is Consortium in accordance with Template No. 3, Chapter IV – Bidding forms;</p> <p>10.3. Bid Bond, in accordance with ITB 18;</p> <p>10.4. Proof documents for eligibility of bidder in accordance with ITB 5;</p> <p>10.5. Proof documents for eligibility of signatory under the Application for bidding, in accordance with ITB 20.3;</p> <p>10.6. Proof documents for capacity and experience of bidder, in accordance with ITB 16;</p> <p>10.7. Technical proposals and proof document for service qualification, in accordance with ITB 15;</p> <p>10.8. Financial proposals and price schedules with full information, in accordance with ITB 11 and 13;</p> <p>10.9. Proposals of technical alternatives, in accordance with ITB 12 (if any);</p> <p>10.10. Other contents as specified in BDS.</p>
<p>11. Application for bidding form and price schedules</p>	<p>The application for bidding form and respective price schedules shall be prepared using the relevant forms furnished in Chapter IV, Bidding Forms.</p>
<p>12. Proposals of Technical alternatives</p>	<p>12.1. In case Invitation to Bid stipulates in BDS for probability of technical alternatives, then those technical alternatives shall be considered and evaluated.</p> <p>The bidder is required to clearly state the main offer and the alternative offer in the bidding proposal.</p> <p>12.2. Technical alternatives are only considered when main solution meets requirements and bidder is ranked first. In this case, bidder shall provide all information necessary for evaluation of the alternatives by Vietsovpetro, including notes, drawings, technical specifications, progress of supply and other relevant information. The evaluation of technical alternatives in accordance with Section 5 Chapter III – Bid Proposal Evaluation criteria.</p>
<p>13. Bidding prices and discounts</p>	<p>13.1. Bidding price stated in the Application for bidding and in the bidding price tables with discounts must comply with the regulations as specified in this Section:</p> <p>a) The bidding prices means the price stated in Application for bidding, including all costs for implementation of bidding package (not including discounts) as prescribed in Part 2 – Technical Requirements.</p> <p>b) In case the bidding packages is not divided into independent parts, on condition that bidder offers discount, this can be offered directly in Application for Bidding or put in separate letter for discount. Bidder has to specify the content of discount and details of discount allocation into specific items in columns of “List of goods”, “Services description”. In case details are not provided, the discount is assumed to apply uniformly for all items in the columns of “List of goods”, “Services description”. Letter for discount (if any) can be submitted with Bid Proposal or separately provided that Vietsovpetro receive prior to Deadline for bid submission.</p> <p>c) Bidder shall submit Bid Proposal for all work described in ITB 1.1 and offer unit prices, extended amount for work specified in columns of “List of services”, “Services description” in accordance with respective template prescribed in Chapter IV – Bidding forms.</p>



	<p>In case columns “Unit price” and “Extended amount” are not offered or offered “0”, it is assumed that bidder allocates prices of these goods and services into others prices of those in bidding package, bidder is responsible to provide goods, services in accordance with requirements of Invitation to Bid and not receive payment from Vietsovpetro during implementation of contract. Bidder is required to offer prices in each Price schedules.</p> <p>13.2. In case bidding package is divided into independent parts and bidder is allowed bidding in each part specified in BDS, bidder is able to bid for one or many parts of bidding package. Bidder has to bid all work of such part which the bidder attends. Should the bidder offer discount, bidder shall specify details and prices of discount in each part as per ITB 1.2.</p> <p>13.3. The bidder shall be responsible for the bidding price quoted to perform and complete the work in accordance with the requirements as stated in the Invitation to Bid. In case the bidder offer a low unit price in abnormal manner which affecting to the quality of the bidding package, the Vietsovpetro may require the bidder to clarify the feasibility of such abnormal unit price.</p> <p>13.4. Bidder’s bidding price quoted shall include all taxes, fees and charges (if any) in response to tax rates, expenses, fees at the time of 28 days prior to the stipulated deadline for bid submission. In case bidders announce bidding prices not including taxes, fees, charges (if any), bidders’ Bid Proposal shall be rejected.</p> <p>13.5. Bidders offer the bidding price as stipulated in BDS.</p>
<p>14. Currencies of Bid and Payment</p>	<p>14.1. The currency of the bid shall be offered in VND/USD/EUR. Cost incurred inside Vietnam shall be offered in VND. Cost incurred outside Vietnam shall be offered in VND/USD/EUR. Bidders have to offer by only one currency for a specific work. In case bidding price is offered in foreign currency, bidder has to prove that the respective work has been using foreign currency.</p> <p>14.2. The currency of payment for work items shall correspond with the currency of bid for those items. Domestic costs are only paid in VND.</p> <p>14.3. The currency for conversion of different bidding prices from various currencies into unique currency for evaluation and comparison is: VND/USD applying the selling rate stated by Vietcombank on the date when the bid is closed. If all bidding prices are in foreign currency, then bid evaluation and comparison shall be done in USD. In the event that one of bidding prices is in VND, then bid evaluation and comparison shall be done in VND.</p> <p>14.4. Without prejudice to any terms mentioned above and relevant applicable laws, contract currency for domestic bidders shall be in VND, applying the selling rate stated by Vietcombank on the date when the bid is closed.</p>
<p>15. Documents establishing the conformity of the technical specifications and standards</p>	<p>15.1. To establish the eligibility of the services in accordance with Invitation to Bid, the bidder shall furnish as part of its Bid Proposal the documentary evidence that the services conform to the technical specifications and standards specified in Chapter V – Scope of services.</p> <p>15.2. Standards for service supplying specified by Vietsovpetro in the Chapter V – Scope of services, are intended to be descriptive only and not restrictive. The bidder may offer other standards of quality for service, provided that it demonstrates, to Vietsovpetro’s satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Chapter V – Scope of services.</p>



<p>16. Documents establishing the capacity and experiences of the bidder</p>	<p>16.1. The bidder shall provide necessary information in templates in Chapter IV – Bidding Forms in order to demonstrate capability and experiences for performance of contract as specified in Chapter III – Bid Proposal evaluation criteria. The bidder shall prepare original documents for verification if Vietsovpetro requires.</p> <p>In case application of pre-qualification, if there are changes in capacity and experience when submitting the bid proposal in comparison with the information in the evaluated pre-qualification documents, the bidders must update their capability and experience; in case there is no change in bidders’ capacity and experience, the bidders must send a written commitment that they still satisfy the bidding package’s requirements.</p> <p>16.2. The documentary evidence of the bidder’s capacity to perform the contract if its bid proposal is accepted.</p> <p>16.3. If pre-qualification has been applied to a bidding package, if there is a change in the contractor's capacity and experience when submitting the Bid Proposal and participating in the pre-qualification, their capacity and experience must be updated.</p>
<p>17. Period of validity of Bid Proposal</p>	<p>17.1. Bid Proposal shall remain valid not shorter than the period specified in the BDS. Bid Proposal with shorter validity period shall not be considered and evaluated by Vietsovpetro.</p> <p>17.2. In exceptional circumstances, prior to the expiration of the bid proposal’s validity period, Vietsovpetro may request bidders to extend the period of validity of their Bid Proposal. The Bid Bond as also requested shall be extended for 30 days beyond the deadline of the extended validity period. If a Bidder refuses to extend its Bid Proposal validity as required, the Bid Proposal shall not be further considered and the Bid Bond shall be returned to bidder. The bidder have accepted Vietsovpetro’s extension request shall not be permitted to modify any contents of its Bid Proposal, except for the extension of the validity of the Bid Bond. The extension request and acceptance or non-acceptance shall be show in writing.</p>
<p>18. Bid Guarantee</p>	<p>18.1. When attending the bid, prior to deadline for bid submission, the bidder shall implement bid guarantee and attach it to Bid proposal under the following forms:</p> <p>a) A form unconditional guarantee issued by a bank or financial institution which is legally operating in Vietnam or foreign bank branches established under Vietnamese law in accordance with ITB 18.2;</p> <p>b) Or pay a deposit or bank transfer to VSP’s account as specified in BDS 18.2;</p> <p>c) Or submit a certificate of surety bond insurance issued by a domestic non-life insurer or branch of a foreign non-life insurer duly established under the law of S.R. Vietnam.</p> <p>In the case of a bank guarantee, the bid security shall be submitted either using the Bid Bond Forms - 04(a) or 04(b) included in Chapter IV - Bidding Forms or in another substantially similar format with full basic contents of Bid Bond.</p> <p>In case the validity of Bid proposal is extended as specified in ITB 17.2, the Bid bond’s validity shall be accrodingly extended. In case of consortium bidder, all partners of consortium shall implement the same form of Bid bond.</p> <p>In case of Consortium, the Bid Bond shall comply with one of the following:</p> <p>a) Each Consortium partner shall provide a separate Bid Bond; however, the aggregate amount of Bid Bond submitted by all Consortium partners</p>



is not less than the required amount specified in ITB 18.2. If the Bid Bond of any Consortium partner is determined to be invalid, the bid of the Consortium shall not be considered and evaluated further. If any Consortium partner is in breach of the rules resulting in without return of Bid Bond in accordance with ITB 18.5, then bid securities of all Consortium partners shall not be returned.

b) All partners of the Consortium shall nominate one partner to arrange a single Bid Bond for itself and all other partners in the Consortium. In this case, the Bid Bond shall be in the name of the Consortium or the name of the partner who arranges the Bid Bond for the entire Consortium provided that the total amount is not less than the required amount in BDS of ITB 18.2. If any Consortium partner is in breach of the rules resulting in without return of the Bid Bond in accordance with ITB 18.5, the Bid Bond shall not be returned.

182 Amount, currency and valid period of the Bid Bond shall be as specified in the BDS.

The Bid Bond shall be considered illegitimate in one of following cases: having lower value, with shorter valid period as specified in ITB 18.2, incorrectly states the name of the beneficiary, not original and without legitimate signature, signed before Vietsovpetro issues the Invitation to Bid or accompanied with adverse condition for Vietsovpetro (including not fully committed with content of the Bid Bond Forms – 04A, 04B, 04C in Chapter IV). In case of using a letter of guarantee or certificate of insurance, the letter of guarantee or certificate of insurance must be provided, signed and stamped (if applied) by one of the following: a lawful representative of a domestic credit institution, a branch of a foreign bank established under Vietnamese law, a domestic non-life insurance enterprise, a branch of foreign non-life insurance enterprise established under Vietnamese law. In case of using a letter of guarantee (of deposit/transfer to Vietsovpetro's account), the letter must be signed and stamped by the legal representative of the contractor.

184. Unsuccessful bidder shall be returned or released the Bid Bond in the maximum duration specified in the BDS since the date for notification of result of selecting bidder. For successful bidder, the Bid Bond shall be returned or released after the bidder furnishes the contract performance guarantee.

185. The Bid Bond shall not be returned in one of following cases:

a) After the deadline for bid submission and during the validity period of the bid, the bidder withdraws their bid or gives a written refusal to perform one or some tasks proposed in their bid in accordance with the requirements laid down in the Invitation to Bid;

b) The bidder performs any of the prohibited acts specified in Point 4 ITB or commits violations of the bidding law resulting in bid cancellation as prescribed in Point 32 ITB;

c) The successful bidder fails to furnish the required performance security as prescribed Point 37 ITB;

d) The first ranked contractor is invited to negotiate the Contract. Within seven (07) days from the date of receipt of the invitation to negotiate the contract from Vietsovpetro, the bidder does not come to negotiate or refuses to negotiate the contract or offers conditions different from the contents. content in the Bid proposal or withdrawing commitments in the Bid proposals leading to unsuccessful contract negotiations, the Bid bond shall be not returned to bidder, except in cases of force majeure;

	<p>e) The bidder fails or refuses to complete the contract within twenty (20) days from the date of receipt of notification of Bid award from Vietsovpetro, except in cases of force majeure;</p> <p>f) The bidder refuses to sign the contract within ten (10) days from the date of completion of the contract, except in cases of force majeure.</p> <p>18.6. In case the bidding package is divided into a number of independent parts, Bidder can choose Bid Bond for individual part or combination of parts as follows:</p> <p>a) Bid Bond for all parts/ combination of parts, value of Bid Bond should be equal to Sum of Bid Bond value with respective parts. In case that value of Bid Bond is less than Sum of those Bid Bond value with respective parts, Vietsovpetro has the right to decide Bid Bond is used for which part of package attended by Bidder.</p> <p>b) Bid Bond for individual part attended by Bidder.</p> <p>In case that Bidder violates and the Bid Bond shall not be returned as per ITB 18.5, non returned value of Bid Bond is calculated on the part that Bidder violates.</p>
<p>19. Deadline for bid submission</p>	<p>19.1. The deadline for bid submission is the time specified in the BDS.</p> <p>19.2. Vietsovpetro may at its discretion, extend the deadline for the submission of Bid Proposal by amending the Invitation to Bid in accordance with ITB 8, in which case all rights and obligations of Vietsovpetro and bidders previously subject to the deadline shall thereafter be subject to the new deadline as extended.</p> <p>19.3. The bidder submits directly or delivers the Bid Proposal to Vietsovpetro address provided that it arrives before deadline for bid submission specified in the BDS. Vietsovpetro receives Bid Proposal of all bidders before deadline for bid submission, including the case bidder has not bought or received the Invitation to Bid from Vietsovpetro. For such case, the bidder shall submit the remittance, evidencing the transfer of monetary amount accounting for selling price of bidding document at the moment of submission of Bid Proposal, but must be ensured before the deadline for bid submission.</p> <p>19.4. The method of purchasing and submitting Bid Proposal is specified in the BDS.</p> <p>19.5. Vietsovpetro may at its discretion, extend the deadline for the submission of Bid Proposal by amending the Invitation to Bid in accordance with ITB 7.3, in which case all rights and obligations of Vietsovpetro and bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.</p> <p>19.6 Vietsovpetro shall not consider any bid proposal that arrives after the deadline for bid submission. Any bid proposal received by Vietsovpetro after the deadline for bid submission shall be declared late, rejected, and returned unopened to the bidder.</p>



20. Submission, withdrawal, substitution and amendment of Bid Proposal

20.1. The bidder shall prepare Bid Proposal comprising: one original as specified in ITB 10 and some copies with amount mentioned in the BDS. The cover of dossier shall be marked clearly “ORIGINAL OF BID PROPOSAL”, “COPY OF BID PROPOSAL”.

In case of amendment, alternative of Bid Proposal, the bidder shall prepare one original and some copies of dossier with amount specified in the BDS. The cover of dossier shall be marked clearly “ORIGINAL OF AMENDED BID PROPOSAL”, “COPY OF AMENDED BID PROPOSAL”, “ORIGINAL OF ALTERNATIVE”, “COPY OF ALTERNATIVE”.

In case of technical alternative in the Bid Proposal specified in ITB 12, the bidder shall prepare one original and some copies with amount mentioned in BDS. The cover of dossier shall be marked clearly “ORIGINAL OF TECHNICAL ALTERNATIVE”, “COPY OF TECHNICAL ALTERNATIVE OPTION”.

20.2. Bidders shall be responsible for the appropriateness of the copies compared to the original. In case of deviation between original and copy but without changing the bidder ranking, the original shall be used for evaluation. In case of deviation between original and copy leading to different results in evaluation of original and the copy, and resulting change in the bidder ranking, the Bid Proposal of that bidder shall be rejected.

20.3. The original of Bid Proposal shall be typed, printed with inerasable ink, with continuous page numbers. The application for bidding form letter, letter of discount (if any), supplementary documents, clarifying the Bid Proposal, price offer list and other forms in Chapter IV – Bidding forms shall be signed and stamped by the bidder's legitimate representative or the bidder's legitimate attorney (if any), in case of attorney, letter of attorney specified in Template 02, Chapter IV – Bidding forms or certified copy of company charter, decision on establishment of branch or other documents to demonstrate power of attorney shall be submitted with the Bid Proposal.

20.4. In case of Consortium bidders, Bid Proposal shall be signed by legal representative of all partners in Consortium or legal partner representing Consortium bidders according to Consortium agreement. In order that all partners of Consortium to be legally bound, Consortium agreement must be signed by legal representatives of all partners of Consortium.

20.5. Any words added, written between lines, erased, overwritten shall only be deemed legitimate if having signature nearby or in that page of signatory on the application for bidding letter.

20.6 The envelope of Bid Proposal comprises of original and copies, duly marking “BID PROPOSAL”.

In case of amendment, alternative of Bid Proposal, then the amended, alternative document (including original and copies) shall be placed in separated envelopes other than the envelope for Bid Proposal, clearly marking “AMENDMENT OF BID PROPOSAL”, “ALTERNATIVE BID PROPOSAL”.

In case the bidder proposes an alternative technical plan, the entire alternative technical plan, including technical proposals and price proposals, must be contained in separate envelopes from the Bid Proposal

	<p>envelop, the outside must clearly state "PROPOSED ALTERNATIVE TECHNICAL OPTION".</p> <p>The envelopes: for Bid Proposal; amended Bid Proposal, proposed alternative technical options (if any) must be sealed. Sealing method is according to the bidders' own regulations.</p> <p>20.7. The envelopes shall:</p> <ol style="list-style-type: none"> a) bear the name and address of the bidder; b) be addressed to Vietsovpetro in accordance with BDS; c) bear title of bidding package in accordance with ITB 1.2; d) bear a warning “not to open before the time and date for bid opening”. <p>20.8. The bidder shall be responsible for aftermath or disadvantages if is not in accordance with this Invitation to Bid such as not sealing or losing seal of Bid Proposal during delivery to Vietsovpetro, not marking right information on envelopes of Bid Proposal as specified in ITB 20.6 and ITB 20.7. Vietsovpetro shall not be responsible for confidentiality of information in Bid Proposal if the bidders do not comply with above requirements.</p> <p>20.9. Vietsovpetro shall not consider any Bid Proposals submitted after the Deadline for bid submission. Any Bid Proposals received by Vietsovpetro after the Deadline for bid submission shall be declared late submission, be rejected and be returned unopened to the Bidder.</p> <p>20.10. After submitting the Bid Proposals, the Bidders may amend, replace or withdraw the Bid Proposals by sending a written notice signed by the bidder's legal representative, in case of attorney, a power of attorney letter must be enclosed as prescribed in ITB 20.3. Dossier for amendment or replacement of Bid Proposal must be enclosed with a written notification of the corresponding amendment, replacement and must ensure the following conditions:</p> <ol style="list-style-type: none"> a) Being prepared by the Bidders and being submitted to the Vietsovpetro in accordance with ITB 20, the dossier containing the notification must be clearly stated "AMENDMENT OF BID PROPOSAL" or "SUBSTITUTION OF BID PROPOSAL" or "WITHDRAWAL OF BID PROPOSAL "; b) Being received by Vietsovpetro before the Deadline for bid submission as stipulated in ITB 19. <p>20.11. The Bid Proposals which the bidder requests to withdraw in accordance with ITB 20.10 shall be returned unopened to the bidder.</p> <p>20.12. The Bidder is not allowed to modify, replace or withdraw the Bid Proposal after the Deadline for bid submission until the expiration of the Bid Proposal's validity as stated in the application for bidding form letter or until the expiration of the extended validity of the Bid Proposal.</p>
<p>21. Bid opening</p>	<p>21.1. Except in the cases specified in ITB 20, Vietsovpetro shall publicly open and read out, clearly information in accordance with ITB 21.3 of all Bid Proposal received before the deadline for submission of bids. The bid opening shall take place publicly at time and place specified in the BDS in the presence of bidders and representatives of related organizations. The bid opening does not depend on presence or absence of bidders' representatives attending the bid.</p>



	<p>21.2. In case bidder requests withdrawal or substitution of Bid Proposal, Vietsovpetro shall firstly open and read out clearly information in envelope of which outer notification marks “WITHDRAWAL OF BID PROPOSAL”, the envelope of Bid Proposal of bidder with request for withdrawal shall remain sealed and be returned unopened to Bidder. Vietsovpetro shall not accept the Bidders' withdrawal of the Bid Proposal and still open such the Bid Proposal if the written notice of "Withdrawal of Bid Proposal" does not include documents providing that the person signing such documents is the bidder's legal representative and must be publicly announced during the bid opening.</p> <p>Next, Vietsovpetro shall open, read out clearly information in envelope of which outer notification marks “SUBSTITUTION OF BID PROPOSAL” and this shall be replaced with the previous. This previous shall not be opened and be returned unopened to bidder. Vietsovpetro shall not accept the bidder to replace the Bid Proposal if the written notice of Bid Proposal replacement is not accompanied by documents proving that the person signing the document is the bidder's legal representative and must be made public during the bid opening.</p> <p>For envelope with notification marked “SUBSTITUTION OF BID PROPOSAL”, any attached notification document accompanied with amended Bid Proposal shall be opened, read out clearly. Vietsovpetro shall not accept the bidder to amend the Bid Proposal if the written notice of Bid Proposal’s amendment does not include documents proving that the person signing the document is the bidder's legal representative. Only Bid Proposal opened and read out at the bid opening then shall be considered further and evaluated.</p> <p>21.3 All the Bid Proposals shall be opened one at a time following the alphabetical sequence of the bidders’ names and sequence below:</p> <ol style="list-style-type: none"> a) Examine the seals; b) Open original of Bid Proposal, amendment of Bid Proposal (if any) and read out clearly at least the following information: name of bidder, quantity of originals and copies, bidding price in letter of bid, bidding price in summarized price list, discount (if any), validity of Bid Proposal, date of contract performance, value, validity of Bid Bond and other necessary information. In case bidding package is divided into many independent parts, then bidding prices and discount for each part shall be read out. Only discount read out in bid opening shall be further considered and evaluated; c) Representatives of Vietsovpetro shall countersign in original of letter of bid, Bid Bond, summarized price list, letter of attorney of bidder’s legal representative (if any), letter of discount (if any), Consortium agreement (if any). Vietsovpetro shall not reject any Bid Proposal at the bid opening, except for late submission Bid Proposals as specified in ITB 20. <p>21.4. Vietsovpetro shall prepare a record of the bid opening that shall include information specified in ITB 21.3. The record shall be signed by representatives of Vietsovpetro and bidders attending bid opening. The omission of a bidder’s signature on the record shall not invalidate the contents and effect of the record. The record shall be distributed to all bidders attending the bid.</p>
22. Confidentiality	22.1. Information relating to the evaluation of bids and recommendation of contract award shall not be disclosed to bidders or any other persons

	<p>not officially concerned with the bidder selection process until publication of result of bidder selection. Under no circumstances, is the information in Bid Proposal revealed to any other bidders, except for the information that need disclosing during the bid opening.</p> <p>22.2. Except for the case of enquiries for clarification of Bid Proposal and contract negotiation, bidder is not permitted to contact Vietsovetro for issues related to bidder's Bid Proposal and other relevant issues of bidding package during the time from bid opening until the result of tendered selection is published.</p>
<p>23. Clarification of Bid Proposal</p>	<p>23.1. After bid opening, the bidder shall be responsible to clarify the Bid Proposal if required by Vietsovetro, including eligibility, capacity and experiences of the Bidder. In terms of technical, financial proposal in bidder's Bid Proposal, the clarification shall comply with the principle of not changing the basic content of the submitted Bid Proposal and not changing the offered bidding price.</p> <p>23.2. During the evaluation process, clarification of Bid proposal between Bidders and Vietsovetro is performed directly in written.</p> <p>23.3. Clarification of Bid Proposals is only performed between the Vietsovetro and Bidder whose Bid Proposals need to be clarified. In terms of clarification contents that directly affect evaluation of eligibility, capacity, experiences, technical requirement, financial issues, if period of clarification exceeds deadline and bidder does not submit documentation for clarification or submitted documentation does not comply with requirements of clarification from Vietsovetro, Vietsovetro shall evaluate based on the Bid Proposal submitted before deadline for bid submission. Vietsovetro shall give the Bidder a reasonable period of time to clarify the Bid Proposal.</p> <p>23.4. In case after deadline for submission of bids, the bidder knowing that the Bid Proposal it has submitted falls short of documents establishing its eligibility, similar contracts, production capacity, financial reports, tax declaration and payment obligations, documents on personnel, specific equipment proposed in its Bid Proposal may provide such evidence to the Procuring entity within a period of time specified in the Bid Proposal. The Procuring entity shall receive, consider and evaluate the bidder's additional and clarifying documents, which shall be considered as part of the Bid Proposal.</p> <p>23.5. In case of any inconsistencies in the Bid Proposal's content or on the condition that the content is unclear, Vietsovetro request clarification toward the bidder based on compliance as specified in ITB 23.1.</p> <p>23.6. In case of doubt about the authenticity of documents provided by the Bidder, Vietsovetro shall verify with organizations and individuals related to the content of the documents.</p> <p>23.7. In case the Invitation to Bid requires the commitment, Contract Principles for equipment rental, main material supply, warranty, upkeep and maintenance, but such documents are not enclosed in the Bid Proposals, Vietsovetro shall request Bidders to clarify their Bid Proposals and supplement documents within an appropriate period of time but not less than 03 working days as a basis for evaluation of Bid Proposals.</p>



24. Deviations, Imposing conditions and Omission of content	<p>The following definitions shall be applied during the evaluation process of bidding proposals:</p> <p>24.1. "Deviation" refers to any differences from the requirements stated in the Invitation to Bid;</p> <p>24.2. "Imposing conditions" means setting conditions that are restrictive or indicate a partial non-acceptance of the requirements stated in the Invitation to Bid;</p> <p>24.3. "Omission of content" refers to the contractor's failure to provide some or all of the information or documents as required in the Invitation to Bid.</p>
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<p>25. Determination of responsiveness</p>	<p>25.1. Vietsovpetro’s determination of a responsiveness of Bid Proposal is to be based on the contents of the bid Proposal itself, as defined in ITB 10.</p> <p>25.2. A substantially responsive Bid Proposal is one that meets the requirements of the Invitation to Bid without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:</p> <p>a) if accepted, would affect in any substantial way the scope, quality, or performance of services; limit in any substantial way, inconsistent with the Invitation to Bid , the purchaser’s rights or the bidder’s obligations under the contract;</p> <p>b) if rectified, would unfairly affect the competitive position of other bidders presenting substantially responsive Bid proposal that meet the requirement of the Invitation to Bid.</p> <p>25.3. Vietsovpetro shall examine the technical aspects of the Bid Proposal submitted in accordance with ITB 15 and ITB 16, in particular, to confirm that all requirements of the Invitation to Bid have been met without any material deviation or reservation, or omission.</p> <p>25.4. If the Bid Proposal is not substantially responsive to the requirements of Invitation to Bid, it shall be rejected; not being allowed to deviations, reservation conditions or omission of basic content in such Bid Proposal with the purpose of making Bid Proposal to be met substantially responsive to the requirements of Invitation to Bid.</p>
<p>26. Nonmaterial mistake</p>	<p>26.1. Provided that a Bid Proposal is substantially responsive, Vietsovpetro may waive any mistakes in the bid proposal that not to be a material deviation, reservation or omission.</p> <p>26.2. Provided that a bid proposal is substantially responsive, Vietsovpetro may request that the bidder submits the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial mistake in the bid related to documentation requirements. Such mistakes shall not be related to any aspect of the bidding price. Failure of the bidder to comply with the request may result in the rejection of its Bid Proposal.</p> <p>26.3. Provided that a bid proposal is substantially responsive, Vietsovpetro shall rectify quantifiable nonmaterial mistakes related to the bidding price. To this effect, the bidding price shall be adjusted to reflect the price of a missing or non-conforming item or component; this adjustment is for comparison purposes only.</p>
<p>27. Subcontractor</p>	<p>27.1. Sub-contractors are organizations, individuals signing contracts with the bidders to perform related services.</p> <p>27.2. Requirements of Subcontractors are specified in BDS.</p> <p>27.3. Sub-contracting will not change the bidder’s responsibilities. The bidders shall be responsible for the workload, quality, progress and other responsibilities for the parts of the contract carried out by the subcontractors. Sub-contractors’ capacity and experiences shall not be considered in evaluation of the Bidder’s Bid proposal. The bidder itself</p>



	<p>must comply with capacity criteria (no consideration of sub-contractors' capacity and experiences).</p> <p>27.4. The bidder may sign contracts with sub-contractors according to the list of sub-contractors stated in the Bid Proposal or signing contracts with sub-contractors approved by Vietsovpetro to participate in performing the work.</p> <p>27.5. The bidders is not allowed to utilize the sub-contractors to carry out the tasks other than the tasks of the subcontractors mentioned in the Bid Proposal; the replacement or addition of sub-contractors other than the list of sub-contractors prescribed in the Bid Proposal shall only be carried out when there is a valid and appropriate reason and is approved by Vietsovpetro; in case sub-contractors are utilized to carry out the taks other than the tasks listed in the Bid Proposal that using a sub-contractor with a value of 10% or higher (after deducting the work part of the sub-contractor's responsibility) calculated on the contract price signed, as an act of "bid transfer".</p>
<p>28. Bid preferences in the selection of bidder</p>	<p>28.1. Subjects are eligible for bid preferences when participating in international bidding for the provision of non-consultancy services include:</p> <ul style="list-style-type: none"> - Domestic bidders participate the bidding as an independent bidder or Consortium; - Foreign bidders shall enter into Consortium with domestic bidders and domestic bidders undertake for above 25% of the working value of bidding packages; - Bid preferences are applied during evaluation process for comparing and rating Bid Proposal; - In case all bidders do not receive bid preferences, evaluation and determination of bid preferences shall not be applied. <p>28.2. Bid preferences calculation is specified in the BDS.</p> <p>28.3. In case after applying above preferential treatment, if bidding proposals are ranked equally, order of ranking precedence will be:</p> <ul style="list-style-type: none"> - Goods originating from S.R. Vietnam and Russian Federation; - Services/Job using personnels of S.R. Vietnam and Russian Federation.
<p>29. Bid Proposal evaluation</p>	<p>29.1. Vietsovpetro shall apply evaluation criteria listed in this clause and methods of evaluation are specified in the BDS. Any other criteria and methods of evaluation shall not be allowed.</p> <p>29.2. Vietsovpetro shall evaluate directly on the bid proposals submitted by the bidder.</p> <p>29.3. Verify and evaluate eligibility of Bid Proposal:</p> <ul style="list-style-type: none"> a) The verification and evaluation of eligibility of Bid Proposal as specified in clause 1, Chapter III –Bid Proposal Evaluation criteria; b) Any bidders who have eligibility Bid Proposal shall be further considered and evaluated with respect to capacity and experiences. <p>29.4. Evaluation of capacity and experiences:</p> <ul style="list-style-type: none"> a) Capacity and experiences are evaluated as specified in clause 2, Chapter III – Bid Proposal Evaluation criteria; b) Bidders with satisfactory capacity and experiences shall be considered and evaluated to examine their technical capability. <p>29.5. Technical and price-based evaluation:</p>

a) Evaluation of technical capability must adhere to the evaluation standards and methods prescribed in Section 3, Chapter III – Bid Proposal Evaluation criteria;

b) Bidders who satisfy technical requirements shall be considered to evaluate the price specified in Section 4, Chapter III – Bid Proposal Evaluation criteria.

29.6. After price-based evaluation, Vietsovpetro shall make and approve ranking list of bidders. The bidder ranked at the first position in the bidder's ranking list shall be eligible for the contract negotiation. Ranking of bidders shall be made as prescribed in the BDS.

29.7. In case bidding package is divided into independent parts and bidder is allowed bidding in each part prescribed in ITB 1.2, bid evaluation is carried out with those respective parts of the bidder as prescribed in Section 6, Chapter III – Bid Proposal Evaluation criteria.

29.8. Principle of Bid proposal's evaluation:

a) Vietsovpetro evaluate directly based on the bid proposals submitted by the bidder. In case the information committed, declared in the Bid proposal is not truthful, leading to false results of evaluating Bid proposal of the bidder, bidder shall be considered to have committed fraudulent;

b) In case there is inconsistency between information of similar contract and supporting documents proving information of such similar contract, Vietsovpetro request bidder to clarify the Bid proposal. In case the contracts declared, enclosed in the Bid proposal that not meeting the requirements of Invitation to Bid or the Bidder does not declare or incompletely declares the similar contracts, Vietsovpetro request the bidder to clarify and supplement the another contract to meet the requirements of the Invitation to Bid within an appropriate period of time but not less than 03 working days. In case the bidder does not have a contract met the requirements of the Invitation to Bid, the bidder shall be disqualified;

d) In case the key personnel and key equipment (if any) proposed by the contractor in the Bid proposal not meeting the requirements, Vietsovpetro allow the bidder to supplement or replace. Bidders are only allowed to add or replace each personnel position, equipment once within an appropriate period of time but not less than 03 working days. In case the Bidder does not have the replacement of personnel and equipment that meet the requirements of the Invitation to Bid, the bidder will be disqualified. Under any circumstances, on condition that the Bidder dishonestly declares personnel and equipment, the Bidder is not allowed to substitute other personnel or equipment, the Bidder's Bid proposal shall be rejected and the Bidder shall be considered having committed fraudulent according to regulations in Clause 4, Article 16 of the Bidding Law and shall be subject to be handled according to regulations.

đ) For the origin of the goods, in case there is any inconsistency between the declared information and attached documents, Vietsovpetro request clarification of the Bid proposal;

e) For contents other than those mentioned in Points a, b, c and d of this Clause, in case there is inconsistency between the information in the original Bid proposal and the copy of the Bid proposal, the information in the original Bid proposal is the basis for review and evaluation;

	<p>g) At the financial assessment step, in case the Bidder does not declare information in the bid preferences's form for domestically produced goods (for Goods procurement bidding packages) in order that Vietsovpetro have a basis for calculating bid preferences, then Bidder will not receive the bid preferences.</p>
30. Contract negotiation	<p>30.1. Contract negotiation shall be based on the followings:</p> <p>a) Report on evaluation of the Bid Proposal;</p> <p>b) Bid Proposal and bidder's records of clarification of bidding package (if any);</p> <p>c) Invitation to Bid.</p> <p>30.2. Rules of the contract negotiation:</p> <p>a) Contents of the bidding package that satisfy the requirements of the Invitation to Bid do not need to be negotiated;</p> <p>b) While evaluating Bid Proposal and negotiating contract, if scope of supply/ work, workloads specified in Chapter V – Scope of Supply are insufficient compared to the design documentation, Vietsovpetro will request bidder to add supplement scope for this insufficient part, on the basis of the quoted price; if the Bid Proposal has not provided the unit price, Vietsovpetro shall consider and decide to apply the approved estimated price for these scope of work / inadequate workloads or the price quoted by other bidders who have passed the technical evaluation if this quoted price is lower than the one approved in estimate;</p> <p>c) For negotiation over the deficient deviation value, in case the Bid Proposal has not provided respective quoted price for deficient deviation, the lowest quoted offer out of other Bid Proposals that passed the technical evaluation or unit price in approved estimated price if only one Bid Proposal that passes the technical evaluation shall be accepted to negotiate the deficient deviation.</p> <p>30.3. Contents of contract negotiation:</p> <p>a) Unspecified, inappropriate and inconsistent contents between Invitation to Bid and Bid Proposal or in the same Bid Proposal shall be negotiated to prevent any possible dispute or unexpected impact on the contractual obligations of contracting parties;</p> <p>b) Deviations that have been found by the Bidder and Bidder's recommendations (if any), including proposal of amendment or technical alternatives which Bidder is allowed to provide according to relevant bidding regulations;</p> <p>c) Any issue that arises during the selection of Bidder (if any) in the aim of completing detailed contents of the bidding package;</p> <p>d) Nonmaterial omissions specified in ITB 30;</p> <p>e) Other necessary issues.</p> <p>304. During contract negotiation, negotiating parties must proceed to draft and complete the official agreement, detailed terms and conditions and annexes that determine detailed list of scope of supply, price list and progress of supply.</p> <p>305. If the negotiation fails, Vietsovpetro will consider to and decide to invite the bidder who is ranked at the next positions for contract negotiation; if the successive negotiations also fail, Vietsovpetro will consider and decide to cancel the bid as regulated in point a. of ITB 32.1.</p>
31. Conditions for recommendation as the awarded bidder	<p>Bidder shall be considered for recommendation as the winning bidder upon satisfying the following conditions:</p> <p>31.1. Having Eligibility Bid Proposal as prescribed in Section 1, Chapter III – Bid Proposal Evaluation criteria;</p>

	<p>312. Having capacity and experiences satisfying requirements as prescribed in Section 2, Chapter III – Bid Proposal Evaluation criteria;</p> <p>313. Having technical proposals satisfying requirements as prescribed in Section 3, Chapter III – Bid Proposal Evaluation criteria;</p> <p>314. Having deficient deviation not exceeding 10% of bidding price;</p> <p>315. Meeting requirements specified in the BDS;</p> <p>316. The bidder has the proposed bid-winning price (including taxes, fees, charges (if any) not exceeding the approved bidding package price. If the approved estimated budget of bidding package is lower than or higher than the approved bidding package price, this estimate shall replace the bidding package price as basis for consideration for recommendation as the winning bidder.</p>
<p>32. Bidding cancellation</p>	<p>32.1. Vietsovpetro shall notify the bidding cancellation in following cases:</p> <p>a) All Bid Proposals fail to satisfy the requirements of the Invitation to Bid;</p> <p>b) Changes in the objectives, scope of procurement which leads to changes in the workload and evaluation criteria stated in the Invitation to Bid according to the Vietsovpetro's decision;</p> <p>c) The Invitation to Bid fails to comply with legislation on bidding or other relevant legislation that lead to the failure of the selected bidder to meet requirements for performing bidding package, project;</p> <p>d) The award bidder commits prohibited acts specified in section 4 prohibited acts - Chapter I Instructions to Bidders.</p> <p>e) Organizations and individuals other than the awarded bidder commit prohibited acts specified in section 4 prohibited acts - Chapter I Instructions to Bidders leading to deviations in bidder selection results.</p> <p>322. Organizations and individuals other than the selected contractor engages in prohibited actions stipulated Points c, d, e in ITB 32.1, which results in the deviation in contractor selection result.</p> <p>323. In case of bidding cancellation specified in this section, Vietsovpetro shall return or release Bid Bond to bidders within 05 working days except that bidder violates prescription in Points d and e, ITB 32.1.</p>
<p>33. Notice of bidder selection result</p>	<p>33.1. Vietsovpetro shall publish notice of bidder selection results within 05 working days from the date of approval of bidder selection results. Notice of bidder selection result shall include following contents:</p> <p>a) Information of the bidding package:</p> <ul style="list-style-type: none"> - Number of Invitation to Bidder; - Name of the bidding package; - Bidding package price or approved estimate (if any); - Name of Investor; - Form of bidder selection; - Type of contract; - Time to implement the bidding package; - Time of contract performance. <p>b) Information of the awarded bidder:</p> <ul style="list-style-type: none"> - Tax code; - Contractor name; - Bidding price;



	<ul style="list-style-type: none"> - Bidding price after discount (if any); - Technical scores (if any); - Evaluation price (if any); - Awarded bidding price; - Time to implement the bidding package. <p>c) For each type of goods and equipment in the bidding package, the Investor must publish the following information:</p> <ul style="list-style-type: none"> - Goods name; - Wattage; - Features and technical specifications; models, part numbers, labels; - Origin; - Awarded of bidding unit price. <p>d) List of unselected bidders and brief reasons of each bidder for not being selected.</p> <p>33.2. In case of bidding cancellation as prescribed in point a, ITB 32.1, in the notice of bidder selection results and on the National bidding network must be clearly stated the reason for cancellation of bidding.</p>
34. Change in volume of services	<p>34.1. When awarding the contract, Vietsovpetro has right to increase or decrease volume of services listed in Chapter V – Scope of Supply provided that this change does not exceed the percentage specified in the BDS and not affect unit price or other conditions in Bid Proposal and Invitation to Bid.</p> <p>34.2. Additional purchase option Prior to the expiration of the contract, the Inventor is entitled to purchase additional service volumes of the bidding package, exceeding the volumes specified in Chapter IV, provided that it does not exceed the ratio, prescribed in BDS.</p>
35. Notice of Bid Proposal acceptance and contract award	<p>After publishing the notice of bidder selection results, Vietsovpetro send a notice of acceptance of the Bid proposals and award the contract, including requirements on measures of contract performance guarantee, completion time, and contract signing. VND according to the provisions in Form as prescribed in Part 3 for the awarded bidder. Notice of acceptance of bid proposals and contract award are part of the contract documentation. In case the awarded bidder fails to complete, sign the contract or submit the contract performance guarantee within the deadline stated in the notice of bid proposal’s acceptance and contract award, the bidder shall be disqualified and shall not be refunded the value of Bid bond as prescribed in Section 18.5 ITB. The period of time stated in the notice of bid proposal acceptance is calculated from the date Vietsovpetro sending this acceptance notice to the awarded bidder on the Nation bidding network.</p>
36. Conditions for signing contract	<p>36.1. At time of signing contract, Bid Proposal of the selected bidder are still valid.</p> <p>36.2. At time of signing contract, the selected bidder must ensure to meet requirements on technical and financial capability for implementation of the bidding package. If the bidder no longer meets basic requirements of capacity and experiences prescribed in Invitation to Bid, then Vietsovpetro shall refuse to sign contract. Vietsovpetro shall therefore cancel previous decision on approval of bidder selection result and contract award and shall invite the bidder who is ranked at the next position for contract negotiation.</p>

	36.3. Vietsovpetro must ensure conditions on funding for advance payment, payment funding and other necessary conditions for carrying out the bidding package on the schedule.
37. Contract performance guarantee	<p>37.1. Before signing a contract or the contract comes into effect, the bidder shall provide contract performance guarantee in a form of guarantee issued by a bank or financial institution which is legally operating in Vietnam or foreign bank branches established under Vietnamese law as specified in Part 3 or pay a deposit or bank transfer to VSP's account or submit a certificate of surety bond insurance issued by a domestic non-life insurer or branch of a foreign non-life insurer duly established under the law of Vietnam. In case the bidder uses guarantee for contract performance, Chapter VIII – Bidding forms or another form accepted by Vietsovpetro shall be applied.</p> <p>37.2. The bidder shall not be entitled for the returning of the contract performance guarantee in the following cases:</p> <p>a) The bidder refuses to perform the contract after the date the contract comes into force;</p> <p>b) The bidder violates agreements in contract;</p> <p>c) The bidder delays in performing contract due to the bidder's fault but refuse to extend the validity of contract performance guarantee.</p>
38. Handling of Complaints in Bidding	<p>38.1. When bidder's legal rights and interests are affected, the bidders, agencies and organizations may file any complaint to Vietsovpetro with respect to procurement process, bidder selection result according to the regulations of Vietsovpetro.</p> <p>38.2. In case of petition to Vietsovpetro, the bidder shall send the petition to the address specified in the BDS.</p>
39. Monitoring, supervising of Bidder selection process	When detecting violated behavior or content inconsistent with the provisions of bidding law, the bidder is responsible for notifying the organization, individual performing the monitoring task and supervision as prescribed in the BDS.

Chapter II. BIDDING DATA SHEET

ITB 1.1	Name of employer: Vietsovetro
ITB 1.2	<p>Title of bidding package: 12 INCH OIL PIPELINE MSP1-BK2, MSP1-MSP8 IN-LINE INSPECTION</p> <p>Name of project:</p> <p>Quantity and part number of parts in bidding package:</p> <p>Vietsovetro will evaluation and selection following whole package.</p> <p>Technical requirement see Attachment 1 of PART IV. Technical Evaluation Criteria see Attachment 2 of PART IV.</p>
ITB 1.3	Time for implementation of contract: 03/2025, (in Technical requirement – ITB).
ITB 3	Source of funding: Vietsovetro’s financial plan for production activities in the year 2025 for Block Lô 09-1
ITB 5(d)	<p>Competitiveness in the bidding must be ensured by following rules:</p> <p>- Bidders participating in bidding do not have a shareholding or equity contribution representing more than 30% with:_____ [insert full name and address of the Employer, Procuring entity], except in the case of:</p> <p>(i) The bidder is an affiliate or subsidiary of a state-owned corporation or group whose main production and business lines are consistent with the nature of the bid package of that state-owned corporation or group.</p> <p>(ii) The bidder is a parent company, subsidiary, or affiliate of a state-owned corporation or group whose main production and business lines are suitable for products and services under the bid package, and this bid package belongs to its subsidiary or affiliate.</p> <p>- The bidder do not either have a shareholding or equity contribution relationship with consultants or have a shareholding or equity contribution representing more than 20% of equity owned by a third party being an entity or a natural person, specifically as follows:</p> <p>+ Consulting on preparation for technical design:___ [insert full name and address of consultants (if any)];</p> <p>+ Consulting on verification of bid price:___ [insert full name and address of consultants (if any)];</p> <p>+ Consulting on supervision of contract execution and inspection:___ [insert full name and address of consulting unit (if any)];</p> <p>+ Consulting on preparation for the BD:___ [insert full name and address of consultants (if any)];</p> <p>+ Consulting on appraisal of the BD:___ [insert full name and address of consultants (if any)];</p> <p>+ Consulting on evaluation BDBs:___ [insert full name and address of consultants (if any)];</p> <p>+ Consulting on appraisal of bidder selection results:___ [insert full name and address of the consultants (if any)];</p> <p>+ Project management consulting, contract management, other consulting services whose work is directly related to the bid package:___ [insert full name and address of</p>



	<p>the consultants (if any));</p> <ul style="list-style-type: none"> - The bidder does not belong to the same agency or organization directly managing the consultants (mentioned above)*. - Public sector entities and employers, procuring entities that have the same direct governing authority, and equity contribution when participating in bidding for each other's bid packages shall not have to satisfy the regulations on legal and financial independence between the bidder and the employer and the procuring entity. - Public sector entities and enterprises that have the same direct governing authority, and equity contribution when participating in bidding for each other's bid packages shall not have to satisfy the regulations on legal and financial independence between the bidder and the employer and the procuring entity. - The ratio of shares, equity contributions between the parties is determined at the deadline for submission of bids and according to the ratio stated in the business registration certificate, establishment decision, and other documents of equivalent value. <p>In case the bidder participates in the bidding as a joint venture or the consultant is selected as a joint venture, the equity ownership ratio of other organizations and individuals in the joint venture is determined according to the following formula:</p> $\text{Ownership ratio} = \sum_{i=1}^n X_i \times Y_i$ <p>Of which:</p> <p>X_i: Equity ownership ratio of other organizations and individuals in the i-th joint venture member;</p> <p>Y_i: Percentage (%) of the work volume of the i-th joint venture member in the joint venture agreement;</p> <p>n: Number of members participating in the joint venture</p> <p>*Only evaluate this content for bidders that are public sector entities".</p>
ITB 5(h)	<p>Bidders have to register procurement information on the National bidding network: To be applied</p> <ul style="list-style-type: none"> - Bidders are to provide confirmation of information registration on the national bidding network system in according to the Circulars issued by Ministry of Planning & Investment for providing provisions on posting information about bidding, on the roadmap for applying online Contractor selection, and managing the use of the value of bidding guarantee, ensuring the performance of non-refundable contracts: <p><u>Detailed instructions of the National bidding network system are on the website: http://muasamcong.mpi.gov.vn</u></p>
ITB 7.1	<p>The amendment of Invitation to Bid shall be published in national bidding network at least 03 working days before the Deadline for bid submission.</p>
ITB 7.2	<p>Requests for clarification should be received by Vietsovpetro no later than 05 working days prior to the Deadline for bid submissions.</p> <p>Vietsovpetro shall clarify the request of clarification at least 03 working days prior to Deadline for bid submissions.</p>
ITB 7.3	<p>Pre-bidding conference: No</p>



ITB 8	<p>Cost of bidding:</p> <p>Interested bidders can buy Invitation to Bid with non-refundable cost of VND 500,000.00/set (in word: Five hundred thousand Vietnam Dong/set).</p> <p>Payment for Invitation to Bid shall be made by Telegraphic Transfer to the following Vietsovpetro's account:</p> <p style="padding-left: 40px;">Account No. 008.100.000001.1 Beneficiary: Vietsovpetro VIETCOMBANK, Vung Tau Branch Please indicate: Bidder Name, payment for 12 INCH OIL PIPELINE MSP1-BK2, MSP1-MSP8 IN-LINE INSPECTION, Bidding package No. DV-73/26-KT.</p>
ITB 10.10	<p>The Bidder shall submit the following additional documents in its bid proposal:</p> <p>Scope of services, scope and work and Technical Documentation as required Technical Requirement (Part 2 Chapter V: Scope of services, Scope of works and Technical documents in ITB).</p>
ITB 12.1	<p>Bidder is allowed to submit Technical alternative.</p> <p>The bidder is required to clearly state the main offer and the alternative offer in the bidding proposal.</p> <p>Technical alternatives are only considered when main solution meets requirements and bidder is ranked first. In this case, bidder shall provide all information necessary for evaluation of the alternatives by Vietsovpetro, including notes, drawings, technical specifications, progress of supply and other relevant information.</p>
ITB 13.2	<p>The parts of bidding package: Following ITB 1.2</p>
ITB 13.5	<p>In the detailed price quotation table, bidder shall offer prices according to the following requirements:</p> <p><i>For services:</i> The bidders offer prices as Template 2, Chapter IV – Bidding form. In the price quotation, bidders shall analyze the contents of components in the offered prices as follows:</p> <ul style="list-style-type: none"> - The offered prices shall include costs of services – included but not limited to: supplying of Equipments, charges of mobilization / demobilization / installation for Equipments, charges of Personnel and charges for renting the Equipments to perform the services, - All rates and prices shall remain fixed for the duration of contract and shall not be subject to escalation or revision. - The bidding price of the bidder must include all the necessary costs to implement the tender package, including taxes, fees and charges (if any). Taxes, fees and charges are applied at the tax rates, fees and charges as stipulated at the time of 28 days prior to the bid closing time. <p><i>Note for foreign bidders:</i> Vietsovpetro will calculate and add FCWT into the offered price for comparison and evaluation.</p> <ul style="list-style-type: none"> - Offers should include the cost of accompanying technical services for the implementation of the bidding package.
ITB 17.1	<p>The Bid proposal shall be valid for: ≥ 120 days from the deadline for bid submission.</p>
ITB 18.2	<p>Contents of Bid Bond:</p> <p>The amount and currency of the Bid Bond shall be: 2,548.80 USD or 66,542,000 VND for the whole package.</p>

	<p>The Bid Bond shall be valid for: \geq 150 days from the Deadline for bid submission.</p> <p>In case the Bidder provides the Bid Bond through Deposit/Telegraphic Transfer to the following Vietsovpetro's account: Account: (VND) 008.100.000001.1 (USD) 0081370000029</p> <p>Beneficiary: Vietsovpetro VIETCOMBANK, Vung Tau Branch</p>
ITB 18.4	The Bid Bond of unsuccessful Bidders shall be returned or released in maximum 14 days from the date of Notification of Bidder selection Result.
ITB 19.1	<p>The Deadline for bid submission is:</p> <p>Time: at 09h00 (local time)</p> <p>Date: 09 / 02 /2026</p>
ITB 19.3	<p>Bidders shall submit their Bid Proposals to:</p> <p>Recipients: Vietsovpetro</p> <p>Address: 105 Le Loi Str., Vung Tau Ward, Ho Chi Minh City, S.R. Vietnam</p>
ITB 19.4	<p>Payment for Invitation to Bid shall be made by Telegraphic Transfer to the following Vietsovpetro's account: Account No. 008.100.000001.1 (VND) Beneficiary: Vietsovpetro VIETCOMBANK, Vung Tau Branch Please indicate: Payment for Invitation to Bid – Package No. _____</p>
ITB 20.1	<p>In addition to original of Technical Proposal and Financial Proposal, the quantity of copies of Technical Proposal (as per required in Technical requirement), Financial Proposal (01 copy). In case of modification, substitution of Technical Proposal, Financial Proposal or technical alternative, the bidders must submit the equal number of copies of modification, substitution or Technical alternative.</p> <p>Note: Quantity of Proposal: + Technical Proposal: 01 original and 01 copies; + Financial Proposal: 01 original; + Soft copy: 01 USB included scanned Technical Proposal, Financial Proposal and native excel file of Financial Proposal; + All of the Proposals shall be sealing and marking as requirement in Chapter I point 21.</p>
ITB 21.1	<p>The Bid proposal shall be opened publicly at:</p> <p>Time: at 09h30 (local time)</p> <p>Date: 09 / 02 /2026</p> <p>at the following address: Vietsovpetro, 105 Le Loi Str., Vung Tau Ward, Ho Chi Minh City, S.R. Vietnam</p>
ITB 23.4	Bidders themselves can provide such evidence to the Procuring entity within 07 days from the deadline for submission of bids [Insert the maximum time the bidder is allowed to send additional documents to the procuring entity].
ITB 27.2	<p>Total value of sub-contractor(s) shall not exceed:% of total value of Bid proposal.</p> <p>Specialized sub-contractor: Not applicable.</p>

ITB 28.2	Calculation of preferential treatment: <i>[In case of Lowest price method]: “Goods that do not receive bid preferences must add a monetary amount accounting for 7.5% of bidding price after rectification of errors, adjustment of deviations and deduction of discounts (if any) of these goods to the bidding price after rectification of errors, adjustment of deviations and deduction of discounts (if any) of bidders for comparison and ranking.”;</i>
ITB 29.1	Bid proposal evaluation methods: a. Evaluation of the bidder’s capacity and experience: using Pass/Fail criteria b. Technical evaluation: <i>to apply evaluation method using Pass/Fail or Yes/No criteria in accordance with evaluation criteria stipulated in Section III, Chapter III, Bid Proposal Evaluation Criteria</i> c. The price evaluation: <i>to apply lowest price method for whole package in accordance with evaluation criteria stipulated in Section V, Chapter III, Bid Proposal Evaluation Criteria.</i>
ITB 31.5	Ranking of bidders: <i>the bidder who has the lowest price for whole package after rectification of errors, adjustment of deviation and deduction of discounts (if any) is ranked the first.</i>
ITB 34.1	The maximum percentage by which scope of supply may be increased is: <i>Not applicable</i> The maximum percentage by which scope of supply may be decreased is: <i>Not applicable</i>
ITB 34.2	Additional purchase option: <i>Not applicable</i>
ITB 38.2	Employer’s address: 105 Le Loi Str., Vung Tau Ward, Ho Chi Minh City, S.R. Vietnam, Tel: (84 254) 3 839 871, Fax: (84 254) 3 839 857
ITB 39	Address of organization, individual in charge of supervision: Mr. Vu Mai Khanh - General Director of Vietsovpetro 105 Le Loi, Vung Tau Ward, Ho Chi Minh City, S.R. Vietnam Fax: 84-254-3839857

CHAPTER III: BID PROPOSAL EVALUATION CRITERIA

Section 1: Verification and evaluation the eligibility of Bid Proposal

1.1 Verification the Bid Proposal:

- a) Verify the number of original and copies of the bid proposal;
- b) Verify the documents comprising the original Bid proposal including: administrative documents, legal documents, Bidder's capacity and experience documents, technical proposal as stipulated in Invitation to Bid, in which there are: Application for Bidding, Consortium Agreement (if any), Power of Attorney for signing Application for Bidding (if any); Bid Bond or pay a deposit or bank transfer to VSP's account or submit a certificate of surety bond insurance; documentary evidence establishing the Bidder's eligibility to bid; documentary evidence Bidder's capacity and experience; technical proposal; financial proposal and any other relevant documents of Bid Proposal as stipulated in ITB 10;
- c) Verify the consistency of contents between the original and copies for detailed evaluation process of bidding package.

1.2 Evaluation the eligibility of Bid Proposal

A Bid proposal is considered eligibility when it fully meets the following requirements:

- a) The Bidder submits the original of Bid proposal.
- b) The Application for Bidding is signed and stamped (if any) by the legitimate representative of the bidder as required by Invitation to Bid. For consortium, the Application for Bidding is signed and stamped (if any) by the legitimate representatives of each member of the consortium or the authorized leader member of the consortium sign the Application for Bidding according to responsibilities in written agreement of consortium.
- c) Bidding prices in Application for Bidding must be detailed, fixed, indicated by numbers, words and in accordance with total bidding prices mentioned in Summary of bidding price table. Bidders are required not to propose different bidding prices or conditions that put Vietsovetro in disadvantage.
- d) The validity period of the Bid proposal must meet the requirements stipulated in ITB 17.1
- e) The Bid Bond/Deposit must satisfy all the requirements as stipulated in ITB 18.3.
- f) The bidder is not named in 2 or more Bid proposals as a main bidder (independent bidder or a member of consortium) in one bidding package. In case the bidding package is divided into many independent parts, the bidder is not named in 2 or more Bid proposals as the main bidder for the parts that bidder participates.
- g) For consortium, written agreement of consortium is signed and stamped (if any) by the legitimate representative of each member of the consortium and the consortium agreement must specify the detail scope of work and estimated respective percentage that each member will implement as Bidding Form No. 3, Chapter IV, Bidding Form.
- h) The bidder is eligible as stipulated ITB 5.

Bidders who submit eligible bid proposals shall be considered and evaluated on their capacity and experience.

Section 2: Capacity and experience evaluation criteria

2.1 Capacity and experience evaluation criteria

Capacity and experience evaluation criteria are implemented according to Table No. 01 of this Chapter. Contractors are evaluated as being qualified and experienced when meeting all evaluation criteria. The qualifications and experience of the subcontractors will not be considered when evaluating the main contractor's bids. The main contractor itself must meet the evaluation criteria for capacity and experience.

It is not required that the contractor has ever performed one contract or more with the Employer in a specific area or the contractor must have experience in providing services in a specific area as the criterion for rejection of bidders.

In case the currency mentioned in similar contracts or confirmation of payment of the Investor for non-consulting service provision contracts performed or tax payment declaration or related documents proving capacity, the contractor's experience is not in VND, when preparing the Bid, the Bidder must convert it into VND stated in the Bid as a basis for evaluation of the Bid. The foreign exchange applied is the selling rate of Vietcombank at the date of signing the such contract(s).

In case the contractor participating in the bid is the parent company (for example, a Corporation) that mobilizes its subsidiaries to perform a part of the work of the bidding package, the contractor must specify the part of the work for these subsidiaries as Form No. 17c Chapter IV. The evaluation of experience in performing similar contracts is based on the value and volume of work undertaken by the parent company and subsidiary companies in the bidding package.

For Consortium, capacity and experience will be defined by the aggregated capacity and experience of each member of Consortium, but it must be assured that each member of Consortium must satisfy the requirement of capacity and experience for the volume of work implemented by him; if any of the members in Consortium do not satisfy the capacity and experience criteria, the Consortium will be evaluated as fail to meet the requirement on capacity and experience.

Sub-contractors' capacity and experience will not be considered in the evaluation of the Bid proposal of main Bidder (unless the Invitation to Bid allows to use specialized sub-contractor). The main bidders themselves must satisfy criteria on capacity and experience (not considered the sub-contractors' capacity and experience)

In case application of pre-qualification, if there are changes in capacity and experience when submitting the bid proposal in comparison with the information in the evaluated pre-qualification documents, the bidders must update their capacity and experience; in case there is no change in bidders' capacity and experience, the bidders must send a written commitment that they still satisfy the bidding package's requirements.

If there is no pre-qualification, the evaluation of capacity and experience will be carried out in accordance with the following evaluation criteria, the bidders are considered "pass" the capacity and experience requirements if they satisfy all the criteria.

Tab. 1

Criteria on capacity and experience			Compliance Requirements			Documents
No.	Description	Requirement	Single Entity	Consortium		Submission Requirements
				All Members Combined	Each Member	
1	Historical Contract Non-Performance	From <i>01 January 2022</i> ⁽¹⁾ to the Deadline for bid submission, non-performance ¹ of a contract did not occur due to Bidder's fault ⁽²⁾	must meet requirement	not applicable	must meet requirement	Form 08
2	Fulfill your tax obligations	Has fulfilled tax obligations ⁽³⁾ of the latest fiscal year compared to the time of bid closing	must meet requirement	not applicable	must meet requirement	Commitment along with the Application for bidding
3	Average Annual business activity Turnover (excluding VAT)	The Bidder's net worth for the last year to the bid submission deadline should be positive. (calculated as the difference between total assets and total liabilities). Minimum average annual turnover of following value within the last 03 years ⁽⁴⁾ : ≥ 236,000.00 USD / 6,161,252,000 VND ⁽⁵⁾ (Incase Company of the Bidder established less than 03 years, the value of Average annual business activity turnover will be sum total value of business activity turnover and divide to total number of years have activities)	must meet requirement	must meet requirement	not applicable	Form 09
4	Experience on implementing	Participation in at least 01 contract as described hereunder that has been successfully or or performed at least 80% of the total contract value ^(*) as main Bidder (individually or member of Consortium) ⁽⁶⁾ or	must meet requirement	must meet requirement	must meet requirement	Form 13



	<p>Contracts of supplying similar service</p>	<p>sub-contractor⁽⁷⁾ within the last 05 years⁽⁸⁾ (to the deadline for bid submission). The similar contract is: - Type of similar contract: Provision of service for oil and gas industry ⁽⁹⁾ - Size of similar contract (The minimum value of similar contract): 76,500.00 USD / 1,996,246,000 VND ⁽¹⁰⁾</p> <p>(* Level of completion shall be up to 80% or more of the total contract value. To verify that the Similar Contract has been completed to the required extent, the Bidder shall provide Acceptance protocol and Invoices.</p>			<p>(equivalent to the volume of work implemented)</p>	
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Note:

(1) Insert the required time, usually from 03 to 05 years before the year of deadline for submission of bids. For example: from 1 January 2019 to the deadline for submission of bids.

(2) Non-performance contracts for the provision of non-consulting service as a result of bidder defaults includes:

- The contract for providing non-consulting services was concluded by the Employer to be non-performance and it is not challenged by the bidder;

- The contract for providing non-consulting services was concluded by the Employer to be non-performance, it is challenged by the bidder, but was concluded by the arbitrator or court in a direction unfavorable to the bidder.

Non-performance contract for providing non-consulting service shall not include contracts where Employer's decision was overruled by the dispute resolution mechanism. Non-performance must be based on all information on fully settled disputes or litigation, i.e. dispute or litigation that has been resolved in accordance with the dispute resolution mechanism under the respective contract and where all appeal instances available to the bidder have been exhausted. Contracts that are behind schedule due to the bidder's default but still completed are not considered non-performance.

For a joint venture bidder in which only one or several members of the joint venture violate and are prohibited from participating in bidding activities as prescribed in Clause 1, Article 125 of Decree No. 24/2024/ND-CP, the remaining joint venture member shall not be considered as having failed to fulfill the contract due to the contractor's fault. In case one or more members of the joint venture violate the contract, are no longer capable of continuing to perform the contract, seriously affecting the progress, quality and efficiency of the bid package, only one or more members of the joint venture that violate the contract will be considered as failing to fulfill the contract, the remaining members will not be considered as failing to fulfill the contract due to the contractor's fault.

(3) The bidder shall provide documents proving that it fulfilled the tax liabilities (personal income tax for bidders who are business households) of the most recent financial year prior to the bid closing time.

(4) Fill the required time, usually from 03 to 05 years prior to the year of bid closing time. In case the bidder's years of establishment is fewer than the required years by the DB, the average annual turnover (excluding VAT) is calculated based on the on the number of established years. In case the contractor's average annual turnover (excluding VAT) meets the required value by the DB, the bidder will still be evaluated without being disqualified. In case bidders are business households, it is not required to submit financial statements, but bidders must provide documents proving turnover corresponding to tax obligations.

In case the deadline for submission of bids is after the end date of the bidder's fiscal year (year Y) and prior or on the last day of the 3rd month from the end date of year Y, the requirement for submitting financial statements applies to previous years of year Y (year Y-1; Y-2...).

(For example: The closing date for bids is March 20, 2024, the bidder's fiscal year is January 1 - December 31 and the DB requires the contractor to submit financial statements for the last 3 years, the bidder must submit financial statements for the years 2020, 2021, 2022).

For example: Average annual turnover (excluding VAT) of the last 3 fiscal years compared to the deadline for submission of bids. In this case, the deadline for submission of bids is November 15, 2024, then the bidder must submit financial statements for the years 2021, 2022, 2023. The bidder was established in 2022

but the average turnover of 2022 and 2023 meets the required value, the contractor will still be evaluated.

(5) Typical calculation of average annual turnover requirement (excluding VAT):

a) In case the package performance period is 12 months or more, the turnover calculation is as follows:

Minimum requirement for average annual turnover (excluding VAT) = [(Price of package - VAT value)/contract performance period in years] x k. Normally, the k coefficient requirement in this formula is from 1 to 1.5.

b) In case the contract performance period is less than 12 months, the turnover calculation is as follows:

Minimum requirement for average annual turnover (excluding VAT) = (Price of package – VAT value) x k. Normally, the k coefficient requirement in this formula is 1.0.

For insurance packages, it is possible to require a higher average annual turnover than calculated by the above formula, but it must be ensured that it does not limit the participation of bidders.

(6) For contracts in which the contractor has participated as a joint venture member or subcontractor, only the value of the work performed by the contractor shall be recorded.

(7) For contracts in which the Procuring entity and the expert group have evidence that the bidder performed as a subcontractor due to illegal assignment of the contract, violating the Clause 8, Article 16 of the Law on Bidding, this contract will not be considered or evaluated.

(8) Fill the required time usually from 03 to 05 years prior to the year of bid closing time. For example: For example, from January 1, 2019 to the time of bid closing time.

(9), (10) Similar contracts:

Similar contracts are contracts of a similar nature to the package under consideration, with a contract value typically approximately 30% of the package price.

(i) For special jobs or in localities where the capacity of local contractors is limited, the value of similar contracts may be required to be within 20% of the price of the package under consideration.

(ii) In case the package for non-consulting service has a large bidding volume and there are less than 03 domestic contractors who have performed similar contracts with a size of over 30% of the size of the package under consideration, the regulation on the size of similar contracts can be adjusted to reduce to 20% of the size of the package under consideration. In this case, the Employer shall ensure that the selected bidder has the capacity to implement the package to meet schedule and quality requirements.

(iii) If the package includes many different work items, depending on the nature and size of the package, the Procuring entity shall make a request for similar size based on the main items of the package (must clearly state the main items) or a request for similar size based on all items of the package.

(iv) The assessment of the size and nature of similar contracts is based on the completed value and is accepted as follows:

- In case the work items of the package under consideration need to be linked together, the bidder shall prove with at least 01 completed contract providing full similar items with a value at least 50% of the value of the package under consideration.

- In case the work items of the bid package under consideration are independent of each other, the bidder can prove it in one or more of the following ways:

+ There is at least 01 completed contract providing full similar items with a value meeting at least 30% (or 20% in case (i) and (ii) as mentioned above) of the value of the package under consideration, or

+ There are similar work items performed in different contracts (contracts may be completed or in progress) but ensure that the value of each similar work item performed meets at least 30% (or 20% in cases (i) and (ii) as mentioned above) of the value of each corresponding work item in the package under consideration and the total value of the performed items must meet at least 30% (or 20% in cases (i) and (ii) as mentioned above) of the value of the package under consideration. In which, the completed work item is the work item that has been accepted within the prescribed time period, regardless the time of signing the contract. The time of confirmation of performed the work items to determine similar items is the time of acceptance of the work items.

A completed contract is a contract that was accepted by the Employer for all items and work contents in the contract or the contract was liquidated. The time of contract completion confirmation to determine similar contracts is the time when all items and work contents in the contract (excluding warranty obligations) are completed and accepted in accordance with regulations, regardless of the time of contract signing.

For non-consulting package with a cyclical nature of work over the years leading to a prolonged contract implementation period, the value of a similar contract is determined at approximately 30% of the value of the work calculated over 1 cycle (1 year) without calculating the total value of the package over the years. In this case, the assessment of the size and nature of similar contracts is also considered according to a corresponding cycle (1 year).

For example: The package under consideration is to hire a building cleaning service for 03 years with a value of 3,000,000,000 VND, BD can request the value of a similar contract in 01 cycle (01 year) of 500,000,000 VND. Bidder X has a 48-month building cleaning contract with Employer A (in progress, not completed, not liquidated), but up to the time of bidding, bidder X has performed for 15 months, in which the value of the work accepted in the first 12 months is 550,000,000 VND, bidder X is evaluated as meeting the requirements for similar contract value of this package.

Table No. X

Evaluation criteria for capacity and experience

(For the non-consulting service package divided into multiple parts)

3

No.	Identification number of part (lot)	Name of part (lot)	Estimated value of part (lot) (VND)	Average annual turnover (excluding VAT) (VND)	Characteristics of similar contract	Size of similar contract (VND)
(1)	(2)	(3)	(4)	(5)	(6)	(7)

For history of non-performing contracts due to bidder default, tax liabilities are applicable according to Table No.01 of this Chapter.

Note:



(5) *In case there is no requirement on turnover, remove this requirement.* In cases where turnover requirements are specified, and the bidder participates in multiple parts, the evaluation of the turnover will be based on the total average turnover required for the parts the bidder participates in. If the bidder participates in only one part, only the turnover requirement for that part needs to be met.

(6), (7) In cases where the bidder participates in multiple parts, the evaluation of similar contracts will be carried out separately for each part the bidder participates in. The bidder is not required to meet the total size of similar contracts for all parts they participate in.

3.1 Evaluation Criteria for Key personnel and main equipment (evaluated in detail in Section 3 of this Chapter)

a) Requirements on key personnel:

Key personnel are not required for a package of non-consulting services that do not require highly specialized personnel, except for cases where highly qualified and skilled workers are required to perform specific jobs. In case the non-consulting service has specific and complicated elements, it is necessary to have highly qualified, skilled and experienced personnel to undertake it, the requirements for mobilization of key personnel may be raised. to perform these specific and complex tasks. In addition, the key personnel is not required to be unskilled labor for the package of non-consulting services.

Where the Invitation to Bid require key personnel, the Bidder must demonstrate the ability to mobilize key personnel to meet the requirements of the Bid. Key personnel may be on the contractor's payroll or mobilized by the contractor. In case the key personnel declared by the Bidder in the Bid does not meet the requirements of the Bid, the Procuring Entity shall allow the Bidder to clarify, change or supplement key personnel to meet the requirements of the Bid for a period of time. suitable time but not less than 03 working days. For each unresponsive employee, the contractor is only replaced once. In case the contractor does not have a replacement staff that meets the requirements of the Invitation to Bid, the bidder will be disqualified.

Experience in similar jobs is expressed in the minimum number of years of personnel performing similar jobs or the minimum number of contracts in similar jobs. The number of years of experience of the key personnel is calculated from the time the employee starts performing the same job to the time of closing the bid. Bidders must provide details of proposed key personnel on Forms 14, 15(a), 15(b) Chapter IV to demonstrate that they are adequately staffed for the key positions that meet the following requirements:

Table 02: Key personnel

Seq.	Position	Quantity	Experiences in similar jobs	Certs/ Qualification
1			<i>At least ____ year</i> <i>At least ____ contract (s)</i>	
2			<i>At least ____ year</i> <i>At least ____ contract (s)</i>	
...				

b) Main equipment to be mobilized for the implementation of the bidding package:



Based on the size and nature of the bidding package, the Investor and the bid solicitor shall make requirements on the main equipment to be mobilized and the quantity to execute the bidding package accordingly. Only the main equipment is specified for special and special equipment required to implement the bidding package. Equipment can mainly be from the contractor or mobilized by the contractor. In case the equipment declared by the bidder in the Bid does not meet the requirements of the Bid, the Procuring Entity shall allow the Bidder to clarify, change or supplement the equipment to meet the requirements of the Bid within a suitable period of time, but not less than 03 working days. For each non-conforming device, the contractor may only replace it once. In case the contractor does not have replacement equipment that meets the requirements of the Invitation to Bid, the bidder will be disqualified. The Contractor shall provide detailed information on the proposed Major Construction Equipment according to Form No. 16 Chapter IV to demonstrate that he has sufficient equipment to meet the following requirements:

Table 03: Main equipment

Seq.	Equipment / Descriptions	Minimum quantity required
1		
2		
3		
...		

c) In case the contractor wins the bid and signs the contract, the contractor is obliged to mobilize key personnel and key equipment as originally proposed or proposed to change according to the provisions of this Section. In case key personnel and key equipment cannot be mobilized, the contractor will be fined for the contract and assessed for its reputation when participating in other bidding packages. In all cases, if the contractor declares the key personnel and main equipment dishonestly, the contractor must not replace other personnel and equipment; Proposals of the bidders are rejected and the bidders will be deemed to have committed fraudulent acts.

Section 3: Technical evaluation criteria (see Attachment 1)

Section 4: Price evaluation criteria

Lowest price method:

For Block 09-1:

To be evaluated by the lowest price method as the following steps:

Determination of lowest price as following steps:

Step 1: Determination of bidding price including all taxes, fees, charges (if any) arisen inside Vietnam.

(For imported material / equipment (if any): In case of using quota of Vietsovpetro for Block 09-1, bidding price includes all taxes, fees, charges (if any) arisen inside Vietnam and shall be taken into consideration exemption of import tax / temporary import and re-export tax and VAT for ONLY value of imported goods on customs declaration from using List of exempted goods available for Vietsovpetro in Block 09-1);

Step 2: Rectification of errors (apply in accordance with Note);

Step 3: Adjustment of deviations (apply in accordance with Note);



Step 4: Determination of bidding price after rectification of errors, adjustment of deviations, discount deduction (if any);

Step 5: Conversion of bidding price into a single currency (if any);

Step 6: Determination of preferential treatment value (if any) as stipulated in ITB 31;

Step 7: Ranking the bidders: the Bid proposal which has the lowest bidding price after rectification of errors, adjustment of deviations, discount deduction (if any), conversion of bidding price into a single currency, addition preferential treatment value (if any), including all taxes, fees, charges (if any) arisen inside Vietnam shall be ranked the first.

The following content will be considered in the evaluation and ranking stage of contractors:

During the Bid evaluation stage, for proposal of goods originating from countries affected by armed conflict, in state of war, sanctioned or embargoed, and the importation of those may be interrupted and affect the contract performance and delivery schedule, Bidder must provide explanations and commitments on the ability to deliver goods for Vietsovpetro to consider and evaluate.

Based on the actual situation at that time, Vietsovpetro has the sole and exclusive right to review and decide to reject the bids, or not to continue the evaluation, if in the opinion of Vietsovpetro there is any risk to the contract performance and delivery schedule. In that case, the Vietsovpetro at its sole and absolute discretion will have the right to consider and remove these Bidders from the ranking list.

Notes:

1. Rectification of errors

Provided that the bid proposal substantially satisfies Invitation to Bid, Vietsovpetro shall rectify arithmetical errors and other errors on the following basis:

a) Arithmetical errors include mistakes from calculation such as: addition, subtraction, multiplication, division when calculating bidding price. If there is a discrepancy between the unit price and the total price, the unit price shall prevail and the total price shall be corrected; If there is unusual differences in unit price due to decimal errors (10 times, 100 times, 1000 times), the total price should be used as a legal basis for correction; when the bidder fills without price or “0” in the column of unit price and total price, price of this item shall be deemed to be allocated among the prices for the other items of work of the package and Bidder will not be paid for by Vietsovpetro during contract performance.

b) Other errors:

- If the Total price column is filled without the corresponding unit price, the unit price shall be determined by dividing the total price by the quantity; if the unit price is filled in, but the total price is missing, the total price shall be determined by multiplying the quantity by the unit price; if one of the items has the unit price and total price filled in, but the quantity is missing, the quantity shall be determined by dividing the total price by the unit price of that particular item. In case the aforesaid quantity that has been additionally defined is different from the quantity mentioned in the Invitation to Bid, that value difference is the deviation in the scope of supply, which shall be adjusted under regulations specified in Step 3;

- Mistake in Unit must be corrected to meet the requirements specified in the Invitation to Bid;

- Mistakes in using comas (instead of periods) and vice versa shall also be corrected in accordance with the written in Vietnamese customary. If Vietsovpetro determines the obvious mistake in placing of comas and periods, the total price shall prevail and the unit price shall be corrected;

- If there is an error in a total corresponding to the addition of subtotals, the subtotals shall prevail and the total shall be corrected;

- If there is a discrepancy between words and numbers, the amount in words shall used as a legal basis for correction. If the amount expressed in words is incorrect, then the number after rectification of error as stipulated in this article should be used as a legal basis for correction.

2. Adjustment of deviation

a) In case of deviation in the scope of supply compared to the Invitation to Bid, what is deficient shall be

added, and what is redundant shall be subtracted according to respective unit price in the Bid proposal of bidder that has deviation;

In case of deficient deviation (lack of items of work in comparison with the scope of supply), if there is no respective unit price in the Bid proposal with deficient deviation, the adjustment of deviation will be as follows:

The highest unit price offered for such item of Bid proposals which pass the Technical evaluation shall be used as legal basis for adjustment of deviation. In case the Bid proposals passed the Technical evaluation has no unit price, unit price in the value of bidding package shall be used as legal basis for adjustment of deviation. In case not having value of bidding package, unit price for calculating price of bidding package shall be used as legal basis for adjustment of deviation.

In case only one bidder passes the Technical evaluation, adjustment of deviation shall be made based on respective unit price in the Bid proposal of this bidder; In case this Bid proposal has no respective unit price, unit price in value of bidding package shall be used. In case not having value of bidding package, unit price for calculating price of the bidding package shall be used as legal basis for adjustment of deviation.

b) In case bidder has discount letter, rectification of errors and adjustment of deviation shall be made based on bidding price without discount. Percentage (%) of deficient deviation shall be determined on basis of comparison of bidding price in Application for Bidding.

c) In case the bidder whose bid has been adjusted for the first ranking deviation is invited to negotiate the contract, when negotiating the contract, the lowest offered unit price must be taken among other bids that have passed the technical evaluation, in order to negotiate for the missing deviation.

Section 5: Technical alternative (If applied)

Bidder is allowed to submit Technical alternative and requested to identify clearly which is “**The Main offer**” and which is “**The alternative offer**” in the Proposal.

Note: Technical alternatives are only considered when main solution meets requirements and bidder is ranked first. In this case, bidder shall provide all information necessary for evaluation of the alternatives by Vietsovpetro, including notes, drawings, technical specifications, progress of supply and other relevant information.

Section 6: Bidding package with multiple independent parts (If applied)

If the bidding package is divided into multiple independent parts as stipulated in ITB 1.2, implement as follows:

1. The evaluation and approval of the winning of bid will be carried out on the basis that the total proposed bid winning prices of the bidding package are lowest (for lowest price method); the total evaluated prices are lowest (for evaluated price method); the total proposed bid winning prices shall not exceed the approved value of bidding package but are not compared to the estimated value of each part.
2. There is one contract if only one bidder wins all the parts of the bidding package. There are many contracts if many bidders win the different parts of the bidding package.

Section 7: The right to unilaterally terminate contract negotiations with the first-ranked contractor in in contract negotiation satge.

For the proposal of goods originating from countries affected by armed conflict, in state of war, sanctioned or embargoed, and the importation of the those may be interrupted and affect the contract performance and delivery schedule, explanations and commitments on the ability to deliver goods must be provided by the Bidder for Vietsovpetro to consider and evaluate.

Based on the actual situation at that time, Vietsovpetro will have the sole and exclusive right to review and decide to reject the proposals of those goods, or not to continue the evaluation, if in the opinion of Vietsovpetro there is any risk to the contract performance and delivery schedule. In that case, Vietsovpetro at its sole and absolute discretion will have the right to stop contract negotiation, and the next ranked bidder will be invited to negotiate the contract.

CHAPTER IV: BIDDING FORM

No.	Form name	Form No.	Content
1	APPLICATION FOR BIDDING	Form No. 1	
2	POWER OF ATTORNEY	Form No. 2	Only applicable in case the legal representative of the authorized contractor in the bidding
3	CONSORTIUM/ JOINT BIDDER AGREEMENT	Form No. 3	Only applicable in the case of a consortium bidder participating in the bid
4	GUARANTEE FOR BID PARTICIPATION	Form No. 4(a)	Applied for independent bidder submit bid bond in form of bank guarantee
		Form No. 4(b)	Applied for consortium bidders submit bid bond in form of bank guarantee
		Form No. 4(c)	Deposit
5	BIDDING PRICE SCHEDULE OF SERVICES	Form No. 5	
6	BIDDER'S INFORMATION FORM	Form No. 6(a)	
	INFORMATION FORM FOR CONSORTIUM BIDDER'S MEMBERS	Form No. 6(b)	Only applied for consortium bidders
7	LIST OF COMPANIES TO PERFORM THE WORK OF BIDDING PACKAGE	Form No. 7	Only applicable in case the bidder is the parent company
8	HISTORICAL CONTRACT NON-PERFORMANCE	Form No. 8	
9	BIDDER'S HISTORICAL FINANCIAL PERFORMANCE	Form No. 9	
10	AVERAGE ANNUAL TURNOVER	Form No. 10 (Not applicable)	Only applicable when stated in ITB
11	FINANCIAL RESOURCES	Form No. 11	Only applicable when stated in ITB



No.	Form name	Form No.	Content
12	MONTHLY FINANCIAL RESOURCES REQUIRED FOR EACH CONTRACTS IN PROGRESS	Form No. 12	Only applicable when stated in ITB
13	SIMILAR CONTRACT PERFORMED BY BIDDER	Form No. 13	
14	PROPOSED KEY PERSONEL	Form No. 14	Only applicable when stated in ITB
15	PROFESSIONAL CURRICULUM VITAE OF KEY PERSONNEL	Form No. 15 (a)	Only applicable when stated in ITB
	PROFESSIONAL EXPERIENCE	Form No. 15 (b)	Only applicable when stated in ITB
16	LIST OF EQUIPMENT	Form No. 16	Only applicable when stated in ITB
17	SCOPE OF WORK USING SUB-CONTRACTORS	Form No. 17(a)	Only applicable when using sub-contractors
	LIST OF SPECIALIZED SUB-CONTRACTORS	Form No. 17(b)	Only applicable when SPECIALIZED SUB-CONTRACTORS IS ALLOWED as stated in ITB
	LIST OF SUBSIDIARIES TO PERFORM THE WORK OF BIDDING PACKAGE	Form No. 17(c)	
18	SOLUTIONS AND METHODOLOGY PROPOSED BY THE BIDDER TO PROVIDE NON-CONSULTING SERVICES	Form No. 18	

APPLICATION FOR BIDDING¹

Date: (Date of signing application for bidding)
 Name of bidding package:..... (Name Package according to Bid Announcement)
 Name of project: (Name project)
 Bid invitation No. :.....(In case of limited tendering)
 Attention to: _____ (full name and address of employer)

After studying the Invitation to Bid and the documents for Amendment of the Invitation to Bid [insert the code of the amendment documents, if any] that we have received, we [insert the name of the bidder] commit to execute [name of bidding package] as required by the Invitation to Bid at the total amount of [specify in number, in words, and currency of bid proposal]² and the summary of bidding price.

In addition, we voluntarily offer a discount with amount: ____ [specify in number, in words, and currency of bid proposal].

The bidding price after application of discount is: ____ [specify in number, in words, and currency of bid proposal].³

Validity of the Proposal⁴: ____ [write the validity period from the deadline for submission of bids in accordance with the BDS] days, from the deadline for submission of bids.

Bid Security: ____ [State the value in figures, in words and in currency of the bid security]

Validity of Bid Security: ____ [insert validity period from deadline for submission of bids]

Time for contract implementation: (Total time to perform all work required in Bidding package)⁵

We commit:

1. We are not in the process of carrying out dissolution procedures or having its business registration certificate, cooperative registration certificate, cooperative union registration certificate, or cooperative group registration certificate revoked, not in a case of insolvency according to the provisions of the law on bankruptcy (not in the process of ceasing operations or having its business household registration certificate revoked for Bidders that are household businesses).
2. We do not violate regulations on ensuring fair competition in bidding.
3. We have fulfilled the tax liabilities of the most recent fiscal year prior to the deadline for submission of bids.
4. We are not being under suspension from participating in bidding according to the provisions of the law on bidding.
5. We are not being prosecuted for criminal liability (the household owner is not being prosecuted for criminal liability in case the bidder is a business household).
6. We do not proceed any practices of corruption, bribe, collusion, obstruction and other violated provisions of the law on procurement when participating this package.
7. The information declared in the bid is truthful.
8. In case of winning the bid, the Proposal and clarification, supplemental documents of the Proposal constitute the agreement of responsibilities between the two parties until the contract is signed.
9. If our bid is accepted, we shall furnish a performance security as specified in IBT 40 of the Bidding document.

Legitimate representative of the bidder⁶
 (Specify name, title, sign and stamp)

Notes:

¹ Application for bidding must be filled with sufficient and accurate information of Vietsovpetro, Bidder, the validity duration of Bid proposal, signed and stamped by legitimate representative of the bidder.

² Bidding prices in Application for bidding must be specific, fixed, indicated by numbers, words and in accordance with total bidding prices mentioned in price list. Bidders are required not to propose different bidding prices or conditions that put Vietsovpetro in disadvantage. In case of multiple parts, the Bidder must write the total bidding price of each parts and total bidding price of all parts that bidder participates.

³ Specify discount for the whole bidding package or for one or many works, items (specify detailed discounted works, items)

⁴ The validity of Bid proposal shall be counted from the date of Deadline for bid submission to the last date of validity period as stipulated in the Invitation to Bid. From the time of Deadline for bid submission until 24:00 of the date which has the deadline for bid submission is considered as one day.

⁵ Duration of contract implementation in Application for bidding must be in accordance with Technical proposal and completion schedule specified in the Bid Proposal.

⁶ If legitimate representative of bidder authorizes the subordinate to sign the application for bidding, the bidder must submit Power of Attorney according to Form No.2 of this Chapter; if the company's Charter/regulations or other

related documents have the assignment of responsibilities to subordinates to sign application for bidding, the bid proposal must include these documents (no Power Of Attorney is required in accordance with Form No.2 of this Chapter).

For consortium, the application for bidding must be signed by the legitimate representative of each member of the consortium, except in Consortium agreement (as in Form No.3 of this chapter), the members of Consortium agree to authorize the leader member of the consortium to sign the Application for bidding. If each member of consortium has its own authorization, apply as for independent bidders. If the bidder wins the bidding package, the bidder must present to the Employer the notarized/certified copy of these documents before signing the contract. If the information declared is not accurate, the bidder is considered violation of ITB 3.



POWER OF ATTORNEY ¹

Date ____/____/20____, at ____ [name of place]

I ____ (Insert Name, ID/passport number, position of Legitimate representative of the bidder), Legitimate representative of ____ (insert the bidder name) at ____ (insert address of bidder), to issue this Power of Attorney to:

Mr/Mrs. _____

ID/Passport number _____

Position _____

To do, execute and perform the following acts and things during the process of participating the Bidding package ____ [Name of Bidding Package] of Project ____ [Name of project] held by Vietsovpetro:

[-Sign the Application for bidding forms of Technical Proposal and Financial Proposal;

-Sign the Consortium agreement (if any);

-Sign all documents, correspondences to Vietsovpetro during the bidding process, including the written requests to clarify Invitation to Bid, written clarification of Bid proposal, or written request to withdraw, modify or substitute the bid proposal;

-Negotiate and finalize contract with Vietsovpetro;

-Sign the Bidder's arising claims (if any);

-Sign contract with Vietsovpetro (if awarded the Bidding package)] ²;

The Attorney shall perform the acts within the scope of Power of Attorney as the legitimate representative of ____ [name of bidder].

The Mandator, ____ [Legitimate representative of the bidder] will be completely responsible for acts performed by the Attorney in the scope of Power of Attorney.

This Power of Attorney is valid for the period from.....to.....³ and will be made in originals,of which will be retained by Mandator ;of which will be retained by Attorney and the rest will be retained by Vietsovpetro. All original copies hereof are identical and legally equal.

Attorney

(Signature)

(Name, position and stamp (if any))

Mandator

(Signature)

(Name, position and stamp (if any)
of Legitimate representative of the bidder)**Note:**

¹The original of this Power of Attorney must be submitted to Vietsovpetro together with the application for bidding as stipulated in ITB 19.3. Legitimate representative of bidder gives the power of attorney to the deputy, subordinate, branch's manager, chief of bidder's representative office to perform one or more above mentioned listed acts. The stamp used in case of power of attorney can belong to the bidder or to the entity of the Attorney. The Attorney can not subsequently give this authorization to another.

²The scope of Power of Attorney may include one or more above mentioned listed acts.

³.Specify the date the power of attorney come into force and expiry date, in accordance with the bidding process.

CONSORTIUM / JOINT BIDDER AGREEMENT ¹

_____, day ____ month ____ year _____

Bidding package: _____ [name of bidding package]

Under the project: _____ [name of project]

- Based on the Invitation to Bid _____ [name of bidding package] date ____ month ____ year
_____ [date recorded on the Invitation to Bid];

We, the representatives of the parties sign the Consortium Agreement, including:

Names of Consortium members _____ [name of each consortium member]

Represented by Mr./Ms.: _____

Position: _____

Address: _____

Tel: _____

Fax: _____

E-mail: _____

Account: _____

Tax code: _____

Power of Attorney No. ____ date ____ month ____ year _____ (in case of authorization).

The parties (hereinafter referred to as members) agreed to sign this Consortium Agreement with the following contents:

Article 1. General principles

1. The members voluntarily establish a Consortium to participate in the bidding package _____ [name of bidding package] under the project _____ [name the project].

2. The members agree the name of the Consortium for any transactions related to this package as: _____ [name of the Consortium as Agreement].

3. The members commit that there is not any member to arbitrarily join independently in this bidding package or join consortium with other members to participate in this bidding package. In case of winning the bid, all members of the Consortium shall sign the Contract and there is not any member to have the right to refuse performance of the responsibilities and obligations stipulated in the Agreement. In case a member of the Consortium refuses to fulfill their own responsibilities as agreed or violates the provisions of the signed contract, such member shall be handled as follows:

- Compensating for damages to the parties in the consortium;
- Working with members of the Consortium to compensate for all damages to the Vietsovpetro in accordance with the provisions stipulated in the Contract (corresponding to the proportion of each member specified in Article 2 of this Agreement);
- Other forms of handling [Specify other forms of handling].

Article 2. Assignment of responsibilities

Consortium members agree to assign responsibilities for implementation of the bidding package _____ [write name of bidding package] under the project _____ [write name of project], for each member as follows:

1. Leader of the consortium:



The parties agree to authorize to _____ [Write name of a party] as a leader of the consortium, representing the Consortium in the following part of work ²:

- Signing the application of bidding;
- Sign all documents, correspondences to Vietsovpetro during the bidding process, including the written requests to clarify Invitation to Bid, written clarification of Bid proposal, or written requests to withdraw, modify or substitute the bid proposal;
- Performing Bid Bond on behalf of Consortium;
- Participating in the process of negotiation and finalization of the Contract;
- Performing Performance Bond for the entire Consortium in case the Consortium wins the bid;
- Signing the Bidder's arising claims (if any);
- Performing all obligations of the Consortium which are not specified in the Table of Responsibility between the Consortium members in item 2 as follows;
- Performing other works except for signing Contract _____ [specify the detail content of other jobs (if any)].

2. The members of the Consortium agree to assign the responsibility of members as following table ³:

No.	Name	Content of assigned work	Respective percentage to total bidding price	Amount by percentage to total bidding price
(1)	(2)	(3)	(4)	(5)
1	Name of the first member (Leader of the Consortium)	- Work 1: _____	_____ %	_____ VND/USD
		- Work 2: _____		
		- Work 3: _____		
			
2	Name of the second member	- Work 1: _____	_____ %	_____ VND/USD
		- Work 2: _____		
		- Work 3 _____		
....		
Total		All work of bidding package	100%	_____ VND/USD

3. The payment method for the Consortium in case of winning the bid and signing a contract with the Investor [PIC insert name Vietsovpetro or others block] is as follows:

- The Investor shall make direct payment to each member of the Consortium in accordance with the payment schedule specified in the Contract with the distributed amount corresponding to the proportion of workload agreed by the Consortium members and shown in column (4) of the Table of Responsibility in item 2 of this Consortium Agreement.

- Each member of the Consortium shall issue a Legal Invoice in accordance with the amount of the work performed by such Consortium member pursuant to the progress of each payment specified in the Contract

Article 3. Validity of Consortium Agreement

1. This Consortium Agreement valid from its signing date.

2. This Consortium Agreement shall be determined to be invalid in the following cases:

- In case the Consortium wins the bid, this Consortium Agreement is an integral part of the contract signed with the Vietsovpetro and shall only be terminated when the parties fulfill their responsibilities and obligations and complete the liquidation of the contract;

- The parties agree to terminate;



- The Consortium does not win the bid;
- Cancellation of bidding package _____ [Write name of bidding package] under the project _____ [Write name project] as notified by the Vietsovpetro.

Consortium Agreement is made in _____ copies, each party keeps _____ copy, each having equal legal force and authenticity.

LEGAL REPRESENTATIVE OF CONSORTIUM LEADER

[Full name, title, signature and stamp]

LEGAL REPRESENTATIVE OF CONSORTIUM MEMBERS

[Full name of each member, title, signature and stamp]

Note:

¹ *Depending on the size and nature of bidding package, the content of agreement as in this form can be amended appropriately. If the bidding package is divided into multiple independent parts, the consortium agreement must specify clearly the name, reference number of parts that the consortium participates, specify mutual responsibility and separate responsibility of each member in accordance with respective parts that bidder participates.*

² *The scope of authorization may include one or more above mentioned listed acts*

³ *Bidder must specify the detail work and the estimated percentage of respective value that each member will implement, mutual responsibility and separate responsibility of each member, including head member of the Consortium.*



GUARANTEE FOR BID PARTICIPATION ¹**(BID BOND)****(This form for independent bidder)****Beneficiary:** VIETSOVPETRO

105 LE LOI STR, VUNG TAU WARD, HO CHI MINH CITY, S.R. VIETNAM

(Hereinafter referred to as the employer)

Date: _____ [Insert date of issue]**BID GUARANTEE No.:** _____ [Insert guarantee reference number]**Guarantor:** _____ [Insert name and address of place of issue, unless indicated in the letterhead]

We have been informed that [insert name of the Bidder.] (hereinafter called "the Applicant") will participate bid for execution of the bidding package _____ [name of the bidding package] under project ... [name of the project] according to Bid Invitation letter No/Bid Announcement No. [insert No. of Bid Invitation letter/ Bid Announcement No].

We [name of the bank], hereinafter referred to as "the bank", pledge Beneficiary to guarantee for the bidder to participate in bidding for this bidding package with an amount of [specify the value in number, in words, and the currency in use].

This guarantee is effective for².days, from the date.....month... year³

At the request of the Applicant, we, as Guarantor, hereby unconditionally and irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of [insert amount in figures, insert amount in words] within 05 working days upon our receipt of written notice from Beneficiary stating without requiring proof that bidder violates the regulations as follows:

1. Bidder has withdrawn its Bid proposal after Deadline for Bid submission and during the validity period of bid proposal;
2. Bidder violating Law on Bidding leads to cancellation of Bid in accordance with point d, ITB 35.1;
3. Bidder fails or refuses to conduct contract negotiations within 05 working days from the date receipt of notification for negotiation of contracts by Vietsovpetro; or Bidder conducts contract negotiations but withdraws its Bid proposal leading to failed contract negotiations, except for force majeure;
4. Bidder fails or refuses to conduct contract finalization within 20 working days from the receipt date of Bid Award Notification from Vietsovpetro or bidder finalized contract but refuses to sign contract, except for force majeure;
5. Bidder does not conduct performance bond in accordance with ITB 43;

The said guarantee amount shall be paid by Guarantor forthwith to Beneficiary notwithstanding any contestation or protest by Guarantor or Applicant or by any third party, and irrespective of whether or not there is any dispute between Applicant and Beneficiary in respect of or relating to

the Bidding package or in respect of any other matter and irrespective of whether or not such said dispute, if any, has been settled, resolved, litigated, or adjudicated upon otherwise howsoever.

If Applicant is selected as successful bidder: This guarantee will expire immediately if the Applicant signs contract and submit Performance Bond to Beneficiary in accordance with agreement in contract.

If Applicant is not selected as successful bidder: This Guarantee will expire immediately after we receive a copy of the Beneficiary's notification to the Applicant about the result of the Bidder selection; within 30 days after the validity period of bid proposal.

Any demand for payment under this guarantee must be received by us at the office indicated above on or before that date.

Legitimate representative of the bank
(Specify name, title, sign and stamp)

Note:

- ¹ Apply if Bid Guarantee is in form of Letter of Guarantee from financial institution or foreign bank's branches which is legally operating in Vietnam
- ² Insert as stipulated in BDS 18.2
- ³ Insert Deadline for Bid submission as stipulated in BDS 21.1



GUARANTEE FOR BID PARTICIPATION ¹(BID BOND)¹

(This form for consortium bidders)

Beneficiary: VIETSOVPETRO105 LE LOI STR, VUNG TAU WARD, HO CHI MINH CITY, S.R. VIETNAM
(Hereinafter referred to as the employer)**Date:** _____ [Insert date of issue]**BID GUARANTEE No.:** _____ [Insert guarantee reference number]**Guarantor:** _____ [Insert name and address of place of issue, unless indicated in the letterhead]

We have been informed that [insert name of the Bidder.]² (hereinafter called "the Applicant") will participate bid for execution of the bidding package_ [name of the bidding package] under project [name of the project] according to Bid Invitation letter No... [name No. of Bid Invitation letter].

We [name of the bank], hereinafter referred to as "the bank", pledge Beneficiary to guarantee for the bidder to participate in bidding for this bidding package with an amount of [specify the value in number, in words, and the currency in use].

This guarantee is effective for³ days, from the date.....month... year ⁴

At the request of the Applicant, we as Guarantor, hereby **unconditionally and irrevocably** undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of [insert amount in figures, insert amount in words] within 05 working days upon our receipt of written notice from Beneficiary stating without requiring proof that bidder violates the regulations as follows:

- 1) Bidder has withdrawn its Bid proposal after bid submission deadline and during the validity period of bid proposal;
- 2) Bidder violating Law on Bidding leads to cancellation of Bid in accordance with point d, ITB 35.1;
- 3) Bidder fails or refuses to conduct contract negotiations within 05 working days from the date receipt of notification for negotiation of contracts by Vietsovpetro; or Bidder conducts contract negotiations but withdraws its Bid proposal leading to failed contract negotiations, except for force majeure;
- 4) Bidder fails or refuses to conduct contract finalization within 20 working days from the receipt date of Bid Award Notification from Vietsovpetro or bidder finalized contract but refuses to sign contract, except for force majeure;
- 5) Bidder does not conduct performance bond in accordance with ITB 40.

If any member of consortium [insert name of consortium] violates the Law, that leads to the Bid Bond not to be returned as specified in Point 15.4 - Instructions to Bidders of Invitation to Bids, then the Bid Bond of all consortium members shall not be returned.

The said guarantee amount shall be paid by Guarantor forthwith to Beneficiary notwithstanding any contestation or protest by Guarantor or Applicant or by any third party, and irrespective of whether or not there is any dispute between Applicant and Beneficiary in respect of or relating to

the Bidding package or in respect of any other matter and irrespective of whether or not such said dispute, if any, has been settled, resolved, litigated, or adjudicated upon otherwise howsoever.

This guarantee will expire: (a) if the Applicant is the successful Bidder, upon our receipt of copies of the contract agreement signed by the Applicant and the performance security issued to the Beneficiary upon the instruction of the Applicant; or (b) if the Applicant is not the successful Bidder, upon the earlier of our receipt of a copy of the Beneficiary's notification to the Applicant of the name of the successful bidder within 30 days after the expiration of Bid Proposal.

Any demand for payment under this Bid Bond must be received by us at the office on or before that date.

Legal representative of Bank

[name, position, signature and stamp]

Note:

¹ Applying in case the bid security (bank security) is a letter of guarantee of credit institutions or foreign banks' branches which are established under Vietnamese law. The bank is recommended to use this Bid security (bid bond) form, in case of applying for other different forms that violates one of following regulations: bid security has lower value than required, the validity period of bid security is shorter than regulation prescribed in ITB 18.2, invalid name of Beneficiary, not original and without valid signature or with the disadvantageous conditions to Vietsovpetro, bid security shall be invalid.

² Bidders' name can be one of following cases:

- Name of consortium participates in bid, for instance consortium bidder A + B participates in bid, name of bidders shall be written "Consortium bidder A + B";

- Name of the member undertakes implementation of bid security for the entire consortium or for other partners in consortium, for instance consortium A + B + C participates in bid, case of the consortium agreement appointed bidder A performing bid security for whole consortium, the name of bidder shall be "Bidder A (on behalf of consortium bidder A + B + C), in case

the consortium agreement appointed bidder B performing bid security for bidder B and C, then name of bidder shall be written as "Bidder B (for the behalf of bidder B and C)";

- Name of consortium's member perform separate the bid security;

³ Insert as prescribed in point 18.2 Bidding Data Sheet (BDS).

⁴ Insert date deadline for bid submission in accordance with BDS 21.1

GUARANTEE FOR BID PARTICIPATION**(DEPOSIT)**

Date: (Date of signing application for bidding)

Name of bidding package (Name Package according to Bid Announcement)

Name of project: (Name project)

Bid invitation No..... (In case of limited tendering)

Attention to: _____ (full name and address of employer)

With reference to the above mentioned bidding package, we *[insert the name of the bidder]* hereby would like to confirm as follows:

1. In lieu of the submission of Bid Bond issued by a bank, *[insert the name of the bidder]* shall implement bid guarantee for *[name of bidding package]* in the form of transfer to Vietsovpetro's bank account a deposit amount equivalent to the Bid Bond amount specified in the ITB, i.e *[specify in number, in words, and currency of deposit]*
2. Bidder confirm that Bidder shall comply all conditions as stipulated in Bid bond form of ITB. *(In the event that Bidder confirms not to comply all conditions in the Bid bond's form in ITB, Bidder's bidding proposal shall not be evaluated)*
3. After *[insert the required bid bond validity period]* days from the bid closing date , Vietsovpetro shall transfer deposit amount above to *[insert the name of the bidder]*'s account. *[insert the name of the bidder]* shall be responsible for all the bank fees in connection with this transfer.
4. Vietsovpetro's bank account:
Beneficiary's name: Vietsovpetro
Beneficiary's Bank: Joint Stock Commercial Bank for Foreign Trade of Vietnam – Vungtau Branch
Account Number: 008.100.00000.11 (VND) / 0081370000029 (USD)

Legitimate representative of the bidder
(Specify name, title, sign and stamp)



BIDDING PRICE SCHEDULE OF SERVICES

No.	List of Services	Description of services	Quantity	Unit	Unit price	Total price	Note
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
1	12 INCH OIL PIPELINE MSP1-BK2 IN-LINE INSPECTION	.....	1,00	Lot		M1	
2	12 INCH OIL PIPELINE MSP1-MSP8 IN-LINE INSPECTION	.....	1,00	Lot		M2	
Total bidding price including taxes, fees, charges (if any)						M1 + M2	

Legal representatives of bidder
(Name, position, signature and stamp)

Note:

Columns (1), (2), (3), (4), (5): Bidder offers as per in Part 4, Attachment I –Scope of service.
Columns (6), (7): quoted by the Bidder. The Bidder inserts unit price and amount of each service.
The Bidder must calculate and include expenses associated with duties, taxes and fees (if any).

When participating in bidding, bidders have to take responsibility of researching, calculating and offering sufficient tax, fees, charges (if any) in response to tax rates, expenses, fees at the time 28 days prior to the stipulated deadline for bid submission.

In case the bidder announces the bidding price not including taxes, fees, charges then the Bid Proposal of the bidder will be rejected.

Bidder must offer detail price in compliance with Scope of service in the total estimated cost table in Part 4.

For foreign bidders:

Bidding prices shall include all taxes, fees, charges (if any) levied in connection with the performance of this Contract outside BUYER's country and Personal income tax (PIT) arisen inside BUYER's country. The Bidding price does not include Foreign contractor withholding tax (FCWT) for service and GOODS in Vietnam. Vietsovetro will calculate and add FCWT 15.79% into the offered price for comparison and evaluation.

For imported material / equipment (if any), the delivery term is CFR Vietsovetro port, Ho Chi Minh City, S.R Vietnam, Incoterm 2010.

For Vietnamese bidders (for Block 09-1):

Bidding prices shall include all taxes, fees, charges (if any) levied in connection with the performance of this Contract.

For imported material / equipment (if any):

- Based on the Article 7 of Intergovernmental Agreement dated 27th December 2010 between Socialist Republic of Vietnam and Russian Federation on continuous cooperation in geological exploration, oil and gas exploitation at continental shelf

of Socialist Republic of Vietnam, Vietsovpetro is exempted from customs duty in territory of Socialist Republic of Vietnam when moving in/out material, equipments and goods for Vietsovpetro's main production. **Bidders are requested to confirm using quota or not.**

- In case of using quota of Vietsovpetro for Block 09-1, bidding price includes all taxes, fees, charges (if any) arisen inside Vietnam and shall be taken into consideration exemption of import tax / temporary import and re-export tax and VAT for ONLY value of imported goods on customs declaration from using List of exempted goods available for Vietsovpetro in Block 09-1.
(When using quota of Vietsovpetro for Block 09-1, quantity of the imported material / equipment must not exceed the quantity stipulated in the contract. In case the actual used quantity is less than the imported quantity, bidder must be responsible for imported tax and VAT for the differences).

Line item	Description of goods	Unit	Quantity	Unit price	Extended Price per line item
1				
2				
				
	...				
<p>Total bidding price of goods including taxes, fees, charges (if any) arisen inside Vietnam and shall be taken into consideration exemption of import tax and VAT for imported goods from using List of exempted goods available for Vietsovpetro in Block 09-1.</p> <p>Note:</p> <ul style="list-style-type: none"> - Request to describe all the works and the Goods following requirements in Scope of supply indicated in Technical requirement (attached). - Request to breakdown value for each line item and for all items in Scope of services. 					

- In case of not using quota of Vietsovpetro for Block 09-1, bidding price includes all taxes, fees, charges (if any) arisen inside Vietnam.

Line item	Description of goods	Unit	Quantity	Unit price	Extended Price per line item
1	.....			
2	.....			
				
	...				
	Total bidding price				
	VAT				
	Total bidding price including VAT				

Contract price will be converted to VND by Vietcombank's selling exchange rate at Deadline for Bid submission date.

BIDDER'S INFORMATION FORM

Date: _____

NCB No. and title: _____

Bidder's name: _____ *[specify Bidder's name]*

In case of consortium, insert name of each partner in consortium

Place of business registration *(indicate province/city of Constitution)*

Year of business founding / incorporation _____ *[year of company founding]*

Bidder's legal address *(in country of registration)*

Bidder's legitimate representative information:

Name:

Address:

Telephone/fax numbers:

E-mail address:

1. Attached are copies of original documents: Articles of Incorporation Business Registration, Decision of Establishment or equivalent documents of constitution or association issued by authority of country where Bidder is operating.
2. Included the organizational chart.

Legitimate representative of the bidder
(Specify name, title, sign and stamp)

INFORMATION FORM FOR CONSORTIUM BIDDER'S MEMBERS¹

Date: _____

Bid package No. and titles: _____

Consortium Bidder's name:

Consortium member's name:

Consortium member's country of registration:

Consortium member's year of foundation:

Consortium member's legal address in country of registration:

Consortium member's legitimate representative information:

Name:

Address:

Telephone/fax numbers:

E-mail address:

1. Attached are copies of original documents of: Business Registration of Company, Certificate of Investment, Decision of Establishment, etc.
2. Included is the organizational chart.

Note:

¹In case of consortium, each member must declare this form.

Legitimate representative of the bidder
(Specify name, title, sign and stamp)



LIST OF COMPANIES TO PERFORM THE WORK OF BIDDING PACKAGE ⁽¹⁾

No.	Name of company ⁽²⁾	Part of work ⁽³⁾	% of bidding package (4)	Remarks
1				
2				
3				
4				
5				
...				

Ghi chú:

(1) In case the contractor participating in the bid is the parent company (for example, a Corporation), the contractor must clearly declare the work for subsidiaries and member companies. The evaluation of the contractor's experience and capacity is based on the value and volume undertaken by the parent company, subsidiary, and member company in the bidding package and declared in the bid. In case the participating contractor is not the parent company, this Form is not applicable.

(2) Specify the name of the subsidiary or member company.

(3) Specify the part of the work undertaken by the subsidiary or member company.

(4) Specify the % of work undertaken by the subsidiary, the member company compared to the bid price.

(5)

Legitimate representative of the bidder
(Specify name, title, sign and stamp)



HISTORICAL CONTRACT NON-PERFORMANCE¹

Bidder's name: _____

Date: _____

Consortium partner's name (if any): _____

Non-Performed Contracts in accordance with Criteria 2.1 of Chapter III, Bid Evaluation Criteria

- Contract non-performance did not occur since 1st January year _____ [insert number] specified in Chapter III, Bid Evaluation Criteria, criterion 2.1.
- Contract(s) not performed since 1st January year _____ [insert number] specified in Chapter III, Bid Evaluation Criteria, criterion 2.1.

Year	Non-performed portion of contract	Contract Identification	Total contract value (current value, currency unit, exchange rate, equivalent value in VND)
		Contract Identification: Name of Employer: Address of Employer: Reason(s) for non performance:	

Note:

¹Bidders must declare accurately, honestly such historical contracts non-performance; if Vietsovpetro discovers any bidder having its historical contract non-performance without declaration, the bidder shall be considered fraud and the Bid Proposal will be rejected.

In case of consortium bidders, each member must declare according to this Form.

Legitimate representative of the bidder
(Specify name, title, sign and stamp)

BIDDER'S HISTORICAL FINANCIAL PERFORMANCE¹

Bidder's name: _____

Date: _____

Name of Consortium member (if any): _____

Financial Data for Previous 03 Years ² [VND]		
Year 01	Year 02	Year 03

Information from balance sheet

Total assets			
Total liabilities			
Net worth			
Current assets			
Current liabilities			
Working capital			

Information from Income Statement

Total turnover			
Average annual turnover from business activities ³			
Profits before taxes			
Profits after taxes			

Attached are copies of financial statements (balance sheets, including all related notes and income statements) for the last three years⁴, as indicated above, complying with the following conditions:

- All such documents reflect the financial situation of the legal entity or entities comprising the Bidder and not the Bidder's parent companies, subsidiaries or affiliates.
- Historic financial statements must be audited in accordance with the applicable laws and regulations.
- Historic financial statements must be complete, including all notes to the financial statements.
- Historic financial statements must correspond to accounting periods already completed and audited. Attached with notarized copies one of following original documents:
 - Tax finalization inspection report.
 - Declaration form of self tax finalization report (VAT and CIT) confirmed by the Tax department/ District tax department at the time of submitting the declaration form.
 - Proper documentation in which the bidder has declared the electronic tax finalization.
 - Confirmation in writing from tax department/ district tax department (confirmed the cumulative payment for full year) about complying paying tax duty.
 - Audited report
 - Other documents

Note:

(1) In case of Consortium Bidder then each member of Consortium Bidder must declare according to this Form.

(2), (4) The period stated here should be the same as the period indicated under Criterion 2.1 of Chapter III (Bid Evaluation Criteria).

(3) To determine average annual turnover from business activities, the Bidder will divide total turnover from business activities in years to number of years based on supplied information.

Legitimate representative of the bidder
(Specify name, title, sign and stamp)

AVERAGE ANNUAL TURNOVER ⁽¹⁾***(Not applicable)***

Each bidder or joint venture member must fill out this form.

The information provided must be the annual revenue from service provision activities of the contractor or each joint venture member in each year for work being performed or completed on the basis of invoiced amounts. application to the contractor or to each joint venture member.

Contractor's annual revenue figures for the most recent ___year	
Year	Amount (VND)
Contractor's average annual revenue⁽³⁾	

Note:

- (1) In case of a joint venture contractor, each member of the joint venture contractor must write in this Form.
- (2) The bid solicitor needs to record the deadline described in the Table of evaluation standards for capacity and experience in Section 2, Chapter III - Bid evaluation standards.
- (3) To determine the average annual revenue, the contractor will divide the total revenue of the years by the number of years based on the information provided.

Legitimate representative of the bidder
(Specify name, title, sign and stamp)



FINANCIAL RESOURCES¹

Specify the expected financial resources, such as liquid assets², credit limit and other financial resources (other than any contractual advance payments) available to meet the financial resources requirement indicated in Form 16 in this Chapter

Financial Resources		
No.	Source of financing	Amount (VND/USD)
1		
2		
3		
...		
Total source of financing of bidder (TSFB)		

Note:

¹ Every bidder or consortium member must provide his own information of financial resources with proof of document.

The mobilized financial resources estimated by bidder to implement the bidding package is calculated by this formula:

$$\text{FR} = \text{TSFB} - \text{RRFC}$$

With:

- FR: the estimated mobilized financial resources to implement the bidding package;
- TSFB: total source of financing of bidder (total source of financing specified in this form);
- RRFC: cumulative financial resources requirement for current contract commitments (specified in Form no 16);

Bidder is evaluated as meeting requirements of the financial resources for the bidding package if having estimated mobilized financial resources to implement the bidding package (FR) at least equal to the required value specified at Evaluation criteria 3.3 Point 2.1 Chapter III – Bid Evaluation criteria.

In case bidders submit the written credit commitments in Bid Proposal from the credit organizations legally operating in Vietnam, that irrevocably undertake to issue credit to bidder in order to implement the under evaluated bidding packing with the line of credit at least equal to the required value specified at Evaluation criteria 3.3 Point 2.1 Chapter III – Bid Evaluation criteria during the period of executing contract, bidder shall be evaluated meeting the financial resource requirements of the bidding package and not required to declare the information specified in this form and form no. 16.

² Liquid Assets mean cash and cash equivalents, short-term financial instruments, short term available-for-sale-securities, marketable securities, trade receivables, short-term financing receivables and other assets that can be converted into cash within one year.

Legitimate representative of the bidder
(Specify name, title, sign and stamp)



(Not applicable)

**MONTHLY FINANCIAL RESOURCES REQUIRED FOR EACH CONTRACTS¹ IN
PROGRESS**

No.	Name of Contract	Employer's Contact (Address, Tel, Fax)	Contract Completion Date	Remaining Contract Period in months (A) ²	Outstanding Contract Value (B) ³	Monthly Financial Resources Requirement (B/A)
1						
2						
3						
...						
Cumulative Financial Resources Required for Current Contracts Commitments (RRFC)						

Note:

¹ Bidder (or each consortium member) should provide information indicated below in order to calculate the aggregated financial resources requirement, which equals the sum of: (i) the Bidder's (or each consortium partner's) current commitments on all contracts that have been awarded or for contracts approaching completion; (ii) financial resources requirement for subject contract as determined by the Employer. Bidder must also disclose any other financial obligations that could materially affect the implementation of subject contract if such contract were to be awarded to the Bidder.

- 1 Remaining contract period to be calculated from 28 days prior to bid submission deadline.
- 2 Remaining Outstanding Contract Values to be calculated from 28 days prior to the bid submission deadline.

Legitimate representative of the bidder
(Specify name, title, sign and stamp)

SIMILAR CONTRACT PERFORMED BY BIDDER¹

Date ___ month ___ year ___

Bidder's name: _____ *[full name of bidder]*

Descriptions of each contract should contain following information:

Contract name and number	<i>[Full name of contract, identification]</i>		
Contract signing date	<i>[insert Day month year]</i>		
Completion date	<i>[insert Day month year]</i>		
Total contract amount	<i>Total contract amount and currency signed</i>		Equivalent VND/USD
If partner in a consortium, specify participation in total contract amount	<i>[Percent of total]</i>	<i>Total amount and currency signed</i>	
Project's name	<i>[Full name of project of which has contract being declared]</i>		
Purchaser's name	<i>[Insert Full name of Purchaser in contract being declared]</i>		
Address	<i>[Insert Full current address of Purchaser]</i>		
Telephone/fax: E-mail:	<i>[Telephone no, fax no including country code, postcode and E-mail address]</i>		
Description of similarity in accordance with Criteria 2.1 of Section III – Evaluation Criteria			
1. Types of goods	<i>[Insert appropriate information]</i>		
2. Value	<i>[Insert amount in VND/USD]</i>		
3. Size of performance	<i>[insert size of similar contracts/project in accordance with contract]</i>		
4. Other characteristics	<i>[other characteristics if necessary]</i>		

Bidders must attach copies of original documents related to contracts (confirmation from Purchaser's of completed contract in accordance with related content in the above table)

Note:

1. In case of consortium, each member must declare according to this Form.
2. Bidders only declare the similar content with the requirements of the bidding package.

Legitimate representative of the bidder
(Specify name, title, sign and stamp)

PROPOSED KEY PERSONEL

- For each job proposed at this Form, the Bidder must declare detailed information in accordance with Form 10 and Form 11 of this Chapter.
- The Bidder must declare key personnel on site with sufficient skills in response to requirements at Criteria 2.2 of Chapter III – Bid Evaluation Criteria and ready to mobilize for bidding package; personnel that are already mobilized for other bidding packages with the same performance time shall not be declared. In case of deceit declaration, the Bidder will be considered fraud.

1	Job position <i>[detailed job position in the bidding package]</i>
	Name <i>[name of key personnel]</i>
2	Job position <i>[detailed job position in the bidding package]</i>
	Name <i>[name of key personnel]</i>
3	Job position
	Name
4	Job position
	Name
5	Job position
	Name
—	Job position
	Name
	Legitimate representative of the bidder (Specify name, title, sign and stamp)



PROFESSIONAL CURRICULUM VITAE OF KEY PERSONNEL

The Bidder must supply all required information below and attach copies of original related documents.

Position		
Personnel Information	Name	Date of Birth
	Professional Qualification	
Current Job	Employer's name	
	Employer's address	
	Telephone no:	Contact person (Deputy / HR officer)
	Fax	E-mail
	Title	Number of years of experience with the present employer

Legitimate representative of the bidder
(Specify name, title, sign and stamp)

PROFESSIONAL EXPERIENCE

Summarize professional experience in reverse chronological order. Specify professional and management experience related to the bidding package

From	To	Company/Project/Position/Related professional and management experience

Legitimate representative of the bidder
(Specify name, title, sign and stamp)



LIST OF EQUIPMENT

(If the application form does not stipulate the ability to mobilize major machinery and equipment, this form shall be deleted)

Bidders are only allowed to declare the main equipment that meets the requirements for the main equipment as stated in the list according to the requirements specified in Section 3 Chapter III - Bid Evaluation Criteria that can be readily mobilized. for the bidding package; The equipment mobilized for other bidding packages must not be declared with the same mobilization time as the implementation time of this bidding package. In case of dishonest declaration, the contractor will be assessed as fraudulent.

Equipment must be owned by the contractor or can be rented, but the contractor must demonstrate the ability to mobilize to meet the requirements of the bidding package. In case the equipment is owned by the contractor, it must be accompanied by documents to prove that the equipment is owned by him. In case of leasing, there must be an equipment rental contract and documents proving that the equipment is owned by the lessor. Contractors must declare in the form below for each type of equipment:

Name of equipment		
Information	Manufacturer	Model
	Power	Year of manufacture
	Function	Country of Origin
Condition	Location	
	Mobilization status	
Sources	Ownership: <input type="checkbox"/> Owned <input type="checkbox"/> Rent <input type="checkbox"/> For rent <input type="checkbox"/> Special manufactured	

For equipment not owned by the contractor, the contractor must declare the following information:

Ownership	Name of Owner	
	Address of Owner	
	Phone	Name and Title
	Fax	Telex
Agreement	Agreement on renting equipment for the project	
	Legitimate representative of the bidder (Specify name, title, sign and stamp)	

SCOPE OF WORK USING SUB-CONTRACTORS¹

No.	Name of sub-contractor ²	Scope of work ³	Amount of work ⁴	Value estimated ⁵	Contract or agreement document with sub-contractor ⁶
1					
2					
3					
4					
...					

Note:

¹ Applying this form in case of using sub-contractors.

² Bidder specifies the sub-contractor's names. In case at the moment at participating in bid, the sub-contractors yet have not been identified, bidders do not have to provide information in this column, but it should be declared in the column "Scope of work". After that, if bidder is being successful, since the sub-contractors mobilized for implementing the work have to be approved by the Vietsovpetro.

³ Bidder specifies name and work description for the sub-contractor.

⁴ Bidder specifies the scope of work for the sub-contractor.

⁵ Bidder specifies the value of work percentage which the sub-contractor undertakes compared to the bidding price.

⁶ Bidder specifies the contracts number or agreement documents, the bidder should submit the original or notarized copy of these documents.

Legitimate representative of the bidder
(Specify name, title, sign and stamp)



LIST OF SPECIALIZED SUB-CONTRACTORS¹

Bidder must provide the proof evidence which meets requirements prescribed at Point 2.3 Chapter III, Evaluation criteria of the Bid Proposal.

STT No	Name of specialized subcontractor²	Scope of work³	Amount of work⁴	Percentage value estimated⁵	Contract or agreement document with specialized subcontractor⁶
1					
2					
3					
4					
...					

Note:

¹ Applying this form in case of using sub-contractor.

² Bidder specifies the specialized sub-contractor's name.

³ Vietsovpetro specifies names and works description that are implemented by the specialized sub-contractor.

⁴ Bidder specifies the scope of work assigned to the specialized sub-contractor.

⁵ Bidder specifies the value of work in percentage which the specialized sub-contractor undertakes to perform, compared to the bidding price.

⁶ Bidder specifies the contract numbers or agreement documents, the bidder should submit the original or notarized copy of these documents.

Legitimate representative of the bidder
(Specify name, title, sign and stamp)



(c) LIST OF SUBSIDIARIES TO PERFORM THE WORK OF BIDDING PACKAGE

STT	Name of subsidiary⁽²⁾	Scope of work (3)	% compared to bidding package (4)
1			
2			
...			

Remarks:

(1) In case the contractor participating in the bidding is the parent company (for example, a Corporation) that mobilizes its subsidiaries or member companies to perform a part of the work in the bidding package, it must make a specific declaration in this Form. The evaluation of the contractor's experience and capacity is based on the value and volume undertaken by the parent company, subsidiary, and member company in the bidding package. In case the participating contractor is not the parent company, this form is not applicable.

(2) Specify the name of the subsidiary or member company.

(3) Specify the part of the work undertaken by the subsidiary or member company.

(4) Specify the value of the work performed by the subsidiary or the member company compared to the bid price.

Legitimate representative of the bidder
(Specify name, title, sign and stamp)



**SOLUTIONS AND METHODOLOGY PROPOSED BY THE BIDDER TO
PROVIDE NON-CONSULTING SERVICES
FOR PERFORMANCE OF SERVICES**

The contractor prepares the proposal according to the contents specified in Chapter V - Requirements on scope of supply, including the following parts:

- 1. Solution and methodology;*
- 2. Execution plan;*

Legitimate representative of the bidder
(Specify name, title, sign and stamp)

PART 2. TECHNICAL REQUIREMENTS

Chapter V. Technical Requirements

(Refers to attachment in Part 4.Appendices)



PART 3. CONDITIONS OF CONTRACT AND CONTRACT FORMS

FORM 19. Letter of Proposal Acceptance and Contract Award

FORM 20. Contract form



LETTER OF PROPOSAL ACCEPTANCE AND CONTRACT AWARD

_____, day ____ month ____ year ____
 To: _____ [*name and address of awarded Contractor, hereinafter referred to as "Contractor"*]

Subj: Notification of Proposal Acceptance and Contract Award

Dear Sir/Madam,

In accordance with the Letter of Invitation to Tender (ITB No.) regarding tender process, we would like to notify that you are the tender winner for the items listed hereunder (scope of supply) based on the following basic terms and conditions:

- Scope of Supply:
- Total price: – Ho Chi Minh City, S.R. Vietnam
- Delivery time:days from the date of Letter of Award / contract signing
- Payment condition: TT / LC

As soon as possible but not later than 07 working days from the date signing this Purchase Order, you should open the Performance Bond which is issued by banks / branches legally operated in Vietnam with amount 03% (three percents) of Purchase Order and send to Vietsovetro. The validity of the Guarantee is equal to the delivery time plus 60 calendar days.

Please acknowledge the receipt of this letter and send us your acceptance / comments as soon as possible but not later than 02 working days from the date of this letter.

Looking forwards to receiving your favorable reply.

LEGAL REPRESENTATIVE OF THE EMPLOYER

[Full name, title, signature and stamp]



DRAFT CONTRACT

SOCIALIST REPUBLIC OF VIETNAM
Independence - Freedom - Happiness

CONTRACT

NO....

V/v: “Cung cấp Khảo sát bề mặt bên trong của các đường ống ngầm dẫn dầu 12" MSP-1 - MSP-8, MSP-1 - BK-2 tại mỏ “Bạch Hồ”

(Gói thầu số DV-73/26-KT)

Concerning: “Provision of 12 INCH OIL PIPELINE MSP-1 - MSP-8, MSP-1 - BK-2

IN-LINE INSPECTION

(Package No. DV-73/26-KT)

Căn cứ vào nhu cầu của Liên doanh Việt -Nga Vietsovpetro và khả năng cung cấp của
According to the needs of Vietsovpetro Joint Venture and capability of

Hôm nay, ngày ___ tháng ___ năm 2026, các bên gồm:

Today, ____ / ____ /2026, we are:

BÊN MUA : LIÊN DOANH VIỆT-NGA VIETSOVPETRO - Gọi tắt là Bên A

BUYER : VIETSOVPETRO JOINT VENTURE - Hereafter referred to as Party A

Do ông : **Trần Quốc Thắng - Phó Tổng giám đốc làm đại diện**

(Giấy ủy quyền số ...)

Representative : Tran Quoc Thang - Deputy General Director

(Power of Attorney No.)

Địa chỉ : 105 Lê Lợi, Phường Vũng Tàu, TP.Hồ Chí Minh

Address : 105 Le Loi Street, Vung Tau Ward, Ho Chi Minh City, S.R. Vietnam

Điện thoại : 84-254-839871/ Telephone: 84-254-839871

Fax : 84-254-839857/ Fax number : 84-254-839857

Tài khoản số : 008.1.00.00000.1.1 tại Ngân hàng CPTM Ngoại thương Việt Nam, CN Vũng Tàu

Account No. : 008.1.00.00000.1.1 at JSC Bank for Foreign Trade of Vietnam, Vung Tau Branch

Mã số thuế : 3500102414 / Tax code: 3500102414

BÊN BÁN :- Gọi tắt là Bên B

SELLER :- Hereafter referred to as Party B

.....

Hai bên thỏa thuận ký kết hợp đồng với những điều khoản dưới đây:

Two parties agreed to sign this contract with following articles:

Điều 1. Nội dung công việc

Article 1. Work content

1.1 Bên B sẽ thực hiện công việc “ Khảo sát bề mặt bên trong của các đường ống ngầm dẫn dầu 12" MSP-1 - MSP-8, MSP-1 - BK-2 tại mỏ “Bạch Hồ”” (sau đây gọi tắt là “Dịch vụ”) theo yêu cầu như đã nêu trong Phụ lục 1[Yêu cầu kỹ thuật] của Hợp đồng này.

Party B shall conduct “Pipeline in-Line Inspection from ... to ...” (hereinafter referred to as “Services”) with requirements as specified under Appendix 1 - [Technical Requirement] of this contract.

1.2 Bên B đảm bảo rằng dịch vụ sẽ được thực hiện một cách cẩn thận, tận tình và mang tính chuyên nghiệp cao.

Party B ensures that the services is conducted with care, diligence and in a professional manner.

1.3 Dịch vụ sẽ được Bên B thực hiện bởi nhân sự, thiết bị và/hoặc nguyên vật liệu của mình như được quy định trong các Phụ lục 1 [Yêu cầu kỹ thuật] và Phụ lục 3 [Danh sách nhân sự nhà thầu] của Hợp đồng này.

Bên B bảo đảm rằng nhân sự tham gia dự án này có đủ khả năng chuyên môn, trình độ kỹ thuật và kinh nghiệm theo Phụ lục 3 và mọi thiết bị ở trong tình trạng hoạt động tốt để thực hiện công việc và những yêu cầu khác được nêu trong Hợp đồng này và các Phụ lục kèm theo.

Services shall be conducted by Party B’s personnel, equipment and materials as required under Appendix 1 [Technical Requirement] and Appendix 3 [List of Personnel of Party B] of this Contract.

Party B ensures that the personnel involved in this project have the qualifications, technical qualifications and experience as set out in Appendix 3 and that all equipment is in good working order to perform the job and other requirements are stated in this Contract and the attached Appendices .

1.4 Trong quá trình thực hiện dịch vụ, nếu Bên A nhận thấy và chứng minh nhân sự hoặc thiết bị của Bên B không có khả năng thực hiện dịch vụ, Bên A sẽ thông báo cho Bên B bằng văn bản và có sự xác nhận và đồng ý của Bên B. Bên B bằng chi phí của mình khắc phục ngay tình trạng này bằng việc thay thế nhân sự hoặc thiết bị khác với sự đồng ý trước của Bên A.

During the service performance, if Party A realize and prove that personnel or equipment of Party B is not capable of conducting the services, Party A shall notify Party B in writing with confirmaiton and acceptance of Party B. Party B, at its own expenses, will remedy this circumstance by changing another personnel or equipment with prior consent of Party A.

1.5 Bên B sẽ thực hiện dịch vụ được nêu tại Phụ lục 1 [Yêu cầu kỹ thuật] của Hợp đồng bằng chi phí của mình. Bên A sẽ thanh toán cho Bên B theo các quy định tại Điều 5.

Party B shall conduct the services as specified at Appendix 1[Technical Requirement] of the Contract in its expenses. Party A shall pay Party B in accordance to terms in the Article 5 below.

1.6 Bên B bằng chi phí của mình cử nhân viên và các trang thiết bị dụng cụ cần thiết phục vụ cho công việc, đến hiện trường để kiểm tra quá trình làm sạch đường ống của bên A. Chi phí di chuyển nhân sự từ căn cứ Vũng Tàu của Bên A đến giàn khoan và ngược lại, chi phí ăn ở tại site do bên A chịu.

Party B shall, at its own cost, send Party B ’s technician and all necessary equipments for Services to the site to participate and check cleaning condition of pipeline with Party A. Personel cost from Party A’s shore base (Vung Tau base) to the rig and return to the same point.

Điều 2. Thay đổi nội dung công việc

Article 2. Change of work content

2.1 Bên A có thể thay đổi một phần hoặc bổ sung nội dung công việc bất cứ lúc nào nhưng phải thông báo trước cho Bên B bằng văn bản. Sau khi có thông báo bằng văn bản của Bên A, Bên B

sẽ cùng Bên A thảo luận và lập biên bản thay đổi nội dung công việc trước khi tiến hành công việc thay đổi liên quan, đồng thời:

Party A may change a part or supplement work content at any time but must inform Party B in advance in writing notice. After having written notice from Party A, Party B will discuss with Party A and set up the minute of change of work content before proceeding the change, at the same time:

- 2.1.1 Bên B sẽ tính toán các thay đổi về chi phí và thời gian thực hiện dịch vụ khi thay đổi nội dung của công việc;
Party B shall calculate the changes of costs and time to conduct the services with change of the work content;
- 2.1.2 Hai bên sẽ xem xét những điều khoản của Hợp đồng có thể ảnh hưởng bởi các thay đổi này.
The Parties shall consider other terms and conditions of the Contract which may affect from such changes.
- 2.2 Biên bản như đã nêu tại Điều 2.1 về sự thay đổi phải được người có thẩm quyền của hai Bên ký xác nhận và được xem như một phần không thể tách rời của Hợp đồng này.
The minutes as stated under Article 2.1 regarding the change must be signed by authorized representatives of the Parties and are deemed in integral part of the Contract.
- 2.3 Bên B chỉ thực hiện công việc thay đổi liên quan sau khi Đại diện có thẩm quyền của Bên A đã đồng ý và ký xác nhận vào biên bản về thay đổi nội dung công việc.
Party B shall perform the work of the change after Authority person Party A agree and sign on the minute of change of work content.

Điều 3. Đại diện của Bên A và Bên B

Article 3. Representative of Party A and Party B

- 3.1 Bên A sẽ chỉ định người đại diện giám sát Hợp đồng và có thẩm quyền ra các quyết định cuối cùng trong các công việc liên quan trong quá trình thực hiện Hợp đồng (sau đây gọi tắt là “Đại diện của Bên A”).
Party A shall appoint a representative who will supervise the Contract and has the authority to make the final decision for the work during the performance of the Contract (hereinafter referred to Representative of Party A).
- 3.2 Đại diện của Bên A được phép uỷ quyền cho người khác thực hiện và đảm nhận trách nhiệm của mình nếu có sự thông báo trước bằng văn bản cho Bên B.
Representative of Party A is allowed to authorise another person to take and resume his /her responsibilities if giving Party B the prior written notice.
- 3.3 Trong quá trình thực hiện dịch vụ, những hướng dẫn và chỉ thị quan trọng phải được đại diện của Bên A thông báo bằng văn bản.
During performance of the Contract, any important guidance and instructions must be notified in written documents by the Representative of Party A.
- 3.4 Bên B cũng chỉ định người đại diện có thẩm quyền của mình và thông báo cho Bên A biết về người đó. Người đại diện của Bên B phải được Bên A chấp nhận trước khi thực hiện công việc. Người đại diện của Bên B sẽ có mặt trong suốt thời gian làm việc và có thẩm quyền thay mặt cho Bên B trong việc xử lý công việc được nêu trong Hợp đồng này.
Party B also appoints its representative with notice to Party A. The representative of Party B shall be at consent of Party A before commencing the services. The representative of Party B shall be present during working time and is authorised for Party B to process the work as defined under this Contract.

- 3.5 Nhóm giám sát kỹ thuật của Bên A sẽ làm việc trực tiếp với Bên B bằng văn bản thông qua các số liệu và báo cáo mà Bên B thực hiện hàng tuần theo như quy định tại Điều 4 để đảm bảo dịch vụ được tiến hành đạt chất lượng và thời gian như yêu cầu của Bên A. Tuy nhiên, sự tham gia của Nhóm giám sát của Bên A sẽ không làm giảm nhẹ trách nhiệm của Bên B về toàn bộ nghĩa vụ đã được quy định trong Hợp đồng này.

The specialist(s) of Party A shall work directly with Party B by data and report transmittal that are weekly conducted by Party B as clearly stated under Article 4 to ensure the quality of work and time as required by Party A. However, the participation of specialist(s) of Party A shall not lessen the responsibilities of Party B as specified under the Contract.

- 3.6 Trong quá trình thực hiện dịch vụ tại công trình, nhóm giám sát bên A được quyền tham gia trực tiếp xem xét thiết bị của bên B, chứng kiến và theo dõi quá trình thực hiện Dịch vụ của Bên B. Bên B có trách nhiệm phối hợp, hỗ trợ và tạo mọi điều kiện cho người của bên A thực hiện công tác giám sát tại công trình khi bên A yêu cầu.

During the execution of Services at site, Party A's personnel can join in inspecting Party B's equipments and direct supervision of Party B's Services process. Party B is responsible for coordinating, supporting and creating all conditions for Party A's personnel to carry out their supervision at site when Party A requests

Điều 4. Số liệu và báo cáo khảo sát

Article 4. Data and survey report

- 4.1 Bên A có trách nhiệm cung cấp số liệu và tài liệu phục vụ cho công tác triển khai dịch vụ cho Bên B.

Party A has responsibilities to provide data and documents for the service implementation to Party B.

- 4.2 Bên B có trách nhiệm bảo quản an toàn tất cả các tài liệu mà Bên A cung cấp cùng với các tài liệu do Bên B xử lý.

Party B has responsibilities to keep safely all documents provided by Party A together with materials processed by Party B.

- 4.3 Bên B có trách nhiệm báo cáo hàng tuần về tiến độ thực hiện công việc cho Bên A. Bên B cũng sẽ gửi các báo cáo liên quan khác theo yêu cầu của Bên A.

Party B shall report weekly the progress of work to Party A. Party B also sends related reports upon request by Party A.

Điều 5. Giá trị hợp đồng và phương thức thanh toán

Article 5. Contract value and payment

- 5.1 Tổng giá trị của Hợp đồng là (Bằng chữ:), trong đó:

- Đối với nhà thầu nước ngoài

Giá trị này không bao gồm thuế, phí, lệ phí phát sinh trong Lãnh thổ Việt Nam. Thuế thu nhập cá nhân nhà thầu (PIT), thuế nhà thầu phụ (Nếu có) và thuế, phí, lệ phí phát sinh ngoài Lãnh thổ Việt Nam do Bên B chịu.

Đối với nhà thầu trong nước: đã bao gồm có thuế GTGT 10%. Bên B chịu trách nhiệm đối với tất cả các thuế khác phát sinh trong lãnh thổ Việt Nam.

Được thể hiện theo các đơn giá chi tiết ghi ở Phụ lục 2 [Đơn giá và Giá trị của hợp đồng] kèm theo hợp đồng này. Giá trị hợp đồng là giá cố định và không thay đổi trong suốt thời gian hợp đồng có hiệu lực. Loại hợp đồng là hợp đồng “trọn gói”.

+ Thuế GTGT áp dụng theo quy định hiện hành của Nhà nước Việt Nam.

Total of contract value: (In words: ...), as follows:

- For foreign bidders:

This value does not include taxes, fees, charges incurred in the territory of Vietnam. The contractor's personal income tax (PIT) and sub-contractor tax (if any) but includes taxes, fees and charges arises outside the territory of Vietnam are paid by Party B.

For Vietnamese Bidders: including VAT. Party B shall be responsible for all other taxes levied in S. R. Of Vietnam.

+ Value of the contract as specified in unit price at Appendix 2 [Price & Value of contract] enclosed this contract. Value of the contract is fixed and keep unchanged throughout contract duration. Contract type is "Lump-sum".

+ Value added tax applies according to the current regulations of the State of Vietnam.

5.2 Điều kiện thanh toán:

- Lần 1 - Tam ứng: Sau khi ký kết hợp đồng, Bên A sẽ tạm ứng 10% giá trị hợp đồng (Không bao gồm thuế) cho Bên B trong vòng 30 ngày kể từ ngày nhận được các chứng từ (Bản gốc) như sau:
 - a) Công văn đề nghị tạm ứng của Bên B.
 - b) Bảo đảm thực hiện hợp đồng theo quy định tại Điều 12 [Bảo đảm thực hiện hợp đồng] và theo mẫu quy định tại Phụ lục 9 của Hợp đồng. Bảo đảm thực hiện hợp đồng bằng: 03% của tổng giá trị hợp đồng).
 - c) Bảo lãnh tiền tạm ứng: Do Ngân hàng / Chi nhánh Ngân hàng hoạt động hợp pháp phát hành với giá trị bảo lãnh bằng giá trị tạm ứng và có hiệu lực đến thời điểm Bên A thu hồi hết toàn bộ số tiền tạm ứng hoặc 180 ngày kể từ ngày ký hợp đồng, tùy theo thời điểm nào sớm hơn. Trong trường hợp đến hết ngày hiệu lực của Bảo lãnh tiền tạm ứng mà Bên A chưa thu hồi hết toàn bộ số tiền tạm ứng thì Bên B có trách nhiệm phải thực hiện gia hạn thời hạn Bảo lãnh tiền tạm ứng. (Theo mẫu quy định tại Phụ lục số 10).
 - d) Bên B cung cấp cho bên A: Thỏa thuận liên danh giữa PVMR và LINSKAN đối với việc thực hiện công việc cung cấp dịch vụ cho Bên A. Trong thỏa thuận quy định được tỷ lệ giá trị, phạm vi công việc của từng thành viên, trách nhiệm và nghĩa vụ đóng thuế của từng thành viên, thời gian PVMR chuyển tiền cho LINSKAN đối với phần giá trị công việc của LINSKAN được quy định trong thỏa thuận.
- Lần 2 - Thanh toán giai đoạn: sau khi Bên B hoàn thành toàn bộ công việc khảo sát đường ống (Inspection Pipeline) theo hợp đồng và được Bên A nghiệm thu, Bên A sẽ thanh toán 50% giá trị khối lượng công việc hoàn thành (đã bao gồm thuế GTGT) cho Bên B trong vòng 30 ngày kể từ ngày nhận được các chứng từ (Bản gốc) như sau:
 - a) Công văn đề nghị thanh toán của Bên B.
 - b) Hóa đơn GTGT hợp lệ.
 - c) Biên bản nghiệm thu hoàn thành công việc khảo sát đường ống (Inspection Pipeline) được đại diện Bên A (XNKT, phòng XDCCB, phòng KTSX và Viện NCKH&TK) ký xác nhận và Lãnh đạo Bên A phê duyệt. (Theo mẫu quy định tại Phụ lục số 6).

Lưu ý: Nhà thầu có thể yêu cầu thanh toán theo từng tuyến ống.
- Lần 3 - Quyết toán hợp đồng: Sau khi Bên A nghiệm thu kết quả báo cáo khảo sát, Bên A sẽ thanh toán giá trị hợp đồng còn lại cho Bên B trong vòng 30 ngày kể từ ngày nhận được các chứng từ (Bản gốc) như sau:
 - a) Công văn đề nghị quyết toán của Bên B.
 - b) Hóa đơn GTGT hợp lệ.
 - c) Biên bản nghiệm thu hoàn thành báo cáo cuối cùng được đại diện Bên A (XNKT, phòng XDCCB, phòng KTSX và Viện NCKH&TK) ký xác nhận và Lãnh đạo Bên A phê duyệt. (Theo mẫu quy định tại Phụ lục số 7).
 - d) Biên bản thanh quyết toán hợp đồng được đại diện Bên A (Phòng KT, phòng XDCCB và phòng TM) ký xác nhận và Lãnh đạo Bên A phê duyệt.
 - e) Biên bản bàn giao Báo cáo kết quả khảo sát được đại diện Bên A (Phòng KTSX hoặc XNKT) ký xác nhận.
 - f) Biên bản nghiệm thu hợp đồng được đại diện Bên A (XNKT, phòng XDCCB, phòng KTSX và Viện NCKH&TK) ký xác nhận và Lãnh đạo Bên A phê duyệt. (Theo mẫu quy định tại Phụ lục số 8).

5.2 Payment term:

- First - Advance payment: After signing the contract, Party A will pay 10% of the contract value (Not included taxes) to Party B within 30 days since receiving the document (Original) listed below:
 - a) The request for payment of Party B.
 - b) Performance guarantee as prescribed in Article 12 and in the form prescribed in Appendix 9 of the contract. Performance guarantee is equal to: *3% of the total contract value.*
 - c) Advance guarantee: issued by a bank/bank branch operating legally with the guarantee value equal to the advance value and be effective until the full amount of the advance payment is collected by Party A or 180 days from the date of signing the contract, whichever is earlier. In case of expiration of the advance guarantee, if Party A has not fully collected all the advance, Party B shall have to extend the term of the advance guarantee. (Form of Advance guarantee prescribed in Appendix 10).
 - d) Party B provides Party A: Agreement between PVMR and LINSCAN for the performance of service provision for Party A. The agreement stipulates the value ratio, scope of work of each member, responsibilities and tax obligations of each member, time for PVMR to transfer money to LINSCAN for the value of LINSCAN's work as stipulated in the agreement.
- Second - Payment Milestone: After completing and being accepted by Party A for Pipeline Inspection works, Party A will pay 50% of the service value of that pipeline included taxes to Party B within 30 days since receiving the document (Original) listed below:
 - a) The request for payment of Party B.
 - b) Invoice.
 - c) Minutes of acceptance pipeline survey work are confirmed by the Party A's representative and approved by Party A's Leader. (Form of acceptance test in Appendix 06).
Note: Contractors can request to pay for one or two pipeline.
- Third - Settlement: After Party B completes the whole work and is accepted by Party A for the Final Report, Party A will pay the remaining contract value to Party B within 30 days since receiving the document (Original) listed below:
 - a) The request for payment of Party B.
 - b) Invoice.
 - c) Minutes of acceptance for the Final Report is signed for confirmation by Party A's representative and approved by Party A's Leader. (Form of Minutes of acceptance Final Report in Appendix 07).
 - d) The contract settlement record is signed for confirmation by Party A's representative and approved by Party A's Leader.
 - e) The Hand-over report of the survey result Final Report is signed for confirmation by Party A's representative.
 - f) Minutes of acceptance for the contract is signed for confirmation by Party A's representative and approved by Party A's Leader. (Form in Appendix 08).

5.3 Hồ sơ thanh toán sẽ được gửi cho Bên A theo địa chỉ sau:

- Liên doanh Việt - Nga Vietsovpetro
- Địa chỉ: số 105 Lê Lợi, phường Vũng Tàu, TP. Hồ Chí Minh
- Điện thoại: 84-254-3839871 & Fax: 84-254-3839857

Payment documents shall be sent to Party A the below address:

- VIETSOVPETRO J.V
- Address: 105 Le Loi Street, Vung Tau Ward, Ho Chi Minh City, S.R. Vietnam
- Phone number: 84-254-3839871 & Fax: 84-254-3839857

5.4 Số tài khoản giao dịch theo hợp đồng này của Bên B:

Bank account for this contract of Party B:

5.5 Phí chuyển tiền do Bên A chịu.

Bank transfer fee is paid by Party A.

Điều 6: Trách nhiệm của Bên A

Article 6: Responsibility of Party A

- 6.1 Hỗ trợ cho Bên B thu thập các tài liệu có liên quan đến nhiệm vụ của Hợp đồng, phù hợp với nội dung công việc ghi trong Phụ lục 1 kèm theo Hợp đồng này.
Support Party B in collecting documents relating to responsibilities under the Contract, in line with work content as stated under Appendix 1 of the Contract.
- 6.2 Bên A chịu trách nhiệm về chi phí vận chuyển vật tư, thiết bị và các chuyên gia của Bên B từ bờ ra công trình biển của Bên A và ngược lại; cũng như đảm bảo cho các chuyên gia của Bên B nơi ở, thức ăn, các dịch vụ y tế cơ bản, thường xuyên và các điều kiện làm việc khác như điều kiện đối với chuyên gia của Bên A tại công trình biển.
Party A is responsible for the cost of transporting materials, equipment and Party B' experts from mobilization place (Vung tau airport/ Petroleum port) to the Party A's site/ platform and vice versa; as well as ensuring Party B's experts on accommodation, food, basic and regular medical services and other working conditions same as Party A's experts.
- 6.3 Chịu trách nhiệm trong trường hợp mất mát, hư hỏng đối với vật tư, thiết bị, máy móc, dụng cụ thi công của Bên B trong quá trình vận chuyển ra Công trường nếu do lỗi của Bên A.
Take responsibility for any loss or damage to Party B's materials, equipment, machinery, and tools during transportation to the site if it is due to Party A's fault.
- 6.4 Trong trường hợp cần cấp cứu khẩn cấp hoặc trường hợp xảy ra tai nạn lao động, Bên A sẽ thực hiện dịch vụ cấp cứu cho người của Bên B. Toàn bộ chi phí y tế cấp cứu, chi phí vận chuyển người của bên B về bờ và các chi phí liên quan khác sẽ do Bên B chịu.
In case of an emergency or an occupational accident, Party A will perform emergency services for Party B's people. All emergency medical costs, the cost of transporting Party B's people to the shore and other related costs will be borne by Party B.
- 6.5 Thực hiện các thủ tục cần thiết để tổ chức Hội đồng nghiệm thu và các hồ sơ liên quan khi kết thúc Hợp đồng.
Carry out necessary procedure to organize the council of acceptance and related documents when the Contract expires.
- 6.6 Chuyển khoản và thanh toán Hợp đồng đúng thời hạn quy định ở Điều 5 của Hợp đồng này.
Transfer and settle the payment for the Contract in a timely manner as specified under the Article 5 of the Contract.
- 6.7 Bên A có quyền chấm dứt hợp đồng nếu có phát hiện bên B vi phạm hợp đồng và không sửa chữa/ khắc phục vi phạm trong vòng 10 ngày kể từ ngày Bên A có thông báo bằng văn bản, hoặc nếu Bên B không đảm bảo chất lượng hoặc cố tình gây chậm trễ.
Party A has the right to terminate the contract if it is found that Party B is in breach of the contract and does not cure the breach within 10 days since the date of a written notification thereof from Party A, or if Party B does not guarantee quality or intentionally causes delay.

Điều 7. Trách nhiệm của Bên B

Article 7. Responsibility of Party B

- 7.1. Bên B bằng nhân lực, phương tiện và chi phí của mình đảm bảo thực hiện đúng yêu cầu nội dung công việc cũng như đảm bảo chất lượng kết quả xử lý như nêu trong Phụ lục 1 của Hợp đồng này.
Party B shall, by its personnel, equipment and costs, ensure to perform the work content properly as stated in Appendix 1 of the Contract.
- 7.2 Tất cả chi phí cho việc đi và đến bên A của các chuyên gia BÊN B bao gồm vé máy bay khứ hồi, đi lại, ăn, ở khách sạn sẽ do BÊN B chi trả. Bên B bằng chi phí của mình tự đảm nhận việc vận

chuyên, ăn ở, đi lại và trang bị bảo hộ lao động, các phương tiện bảo vệ cá nhân khác cho nhân sự của Bên B để thực hiện công việc.

All charges for Party B 's Engineers' trip to mobilization place and in Vietnam including but not limited to air tickets, local transportation, hotel accommodation, food... will be borne by Party B. Party B, at its own expense, undertakes the transportation, accommodation, travel and labor protective equipment, other personal protective equipment for Party B's personnel to perform the Works.

- Nhân sự của Bên B khi tham gia làm việc tại công trường ngoài các chứng chỉ, bằng cấp được quy định trong hồ sơ mời thầu và Phụ lục 3 còn phải có chứng chỉ huấn luyện an toàn Bosiet (Opito approved) và chứng chỉ sức khỏe phù hợp với làm việc trên công trình biển (fit to offshore work) còn hiệu lực trước khi thực hiện công việc trên công trình biển của Bên A và tuân thủ nội quy khi làm việc trong các công trình biển của Bên A.

Party B's personnel, when working at site, in addition to the certificates and qualifications specified in the bidding documents and Appendix 3, must also have a Bosiet safety training certificate (Opito approved) and a valid health certificate (fit to offshore work) before performing work on Party A's site and complying with the internal regulations when working at Party A's site.

- Bên B phải đảm bảo tất cả nhân sự của Bên B tham gia thực hiện công việc đều có sức khỏe tốt, trình độ tay nghề, kinh nghiệm... đáp ứng yêu cầu công việc.

Party B must ensure that all Party B's personnel participating in the Work are in good health, professional skills, experience ... meet the job requirements.

- BÊN B sẽ chịu trách nhiệm trong việc bảo đảm cho các chuyên gia của mình đối với bệnh tật, bị thương hay tử vong trong suốt thời gian đến, trở về và ở Việt nam để thực hiện công việc liên quan đến hợp đồng.

PARTY B will be responsible for securing its experts against illness, injury or death during their arrival, return and in Vietnam to perform the Work related to the contract.

- 7.2. Bên B có trách nhiệm giữ bí mật, không được chuyển giao kết quả công việc cũng như toàn bộ tài liệu thông tin liên quan đến Hợp đồng này cho Bên thứ ba khi chưa có ý kiến chấp thuận bằng văn bản của Bên A.

Party B has responsibility to keep confidential, not transfer results of work done as well as the documents regarding the Contract to any third party without the written consent of the Party A.

- 7.3. Mặc dù có bất kỳ điều gì trái ngược với Hợp đồng này, các Bên đồng ý rằng trách nhiệm pháp lý tối đa của Bên B đối với giá trị của các dịch vụ trong Hợp đồng này sẽ được giới hạn ở giá trị tối đa của các dịch vụ do Bên B cung cấp theo quy định tại Điều 5 của Hợp đồng này.

Notwithstanding anything to the contrary in this contract, the Parties agree that Party B's maximum aggregate liability to the value of the services in this Contract shall be limited to the maximum value of the services supplied by Party B as defined under the Article 5 of this Contract.

- 7.4. Bên A sẽ giải phóng, bảo vệ và giữ Bên B hoặc có liên quan Bên B như công ty mẹ, công ty con, công ty liên quan và các nhà thầu phụ của Bên B và các giám đốc, nhân viên, công nhân, chuyên gia tư vấn, đại lý và khách mời của họ, miễn trách từ và chống lại bất kỳ và tất cả các yêu cầu bồi thường vượt quá giới hạn trách nhiệm tối đa đó, được khẳng định bởi hoặc có lợi cho bất kỳ người nào, bên nào hoặc tổ chức nào, bất kể nguyên nhân nào.

The Party A shall release, defend and hold Party B or relating Party B such as its parents,

subsidiaries, and affiliated or related companies, and Party's subcontractors, and each of its and their respective directors, officers, employees, consultants, agents and invitees, harmless from and against any and all Claims, without limite in excess of that Maximum Liability, asserted by or in favor of any person, party or entity, regardless of cause.

Cả Bên A và Bên B đều không chịu trách nhiệm cho bên kia về các thiệt hại do hậu quả, gián tiếp, ngẫu nhiên, thiệt hại mang tính cảnh cáo để làm gương hoặc mang tính trừng phạt, bao gồm việc tổn thất về khả năng sử dụng, tổn thất về sản xuất hoặc tổn thất về lợi nhuận, bất kể một trong các Bên nhận thức được sự việc xảy ra và bất kể nguyên nhân nào.

Neither Party A nor Party B shall be liable to the other for consequential, indirect, incidental, exemplary or punitive damages, including loss of use, loss of production or loss of profit, regardless of whether either Party was aware of the occurrence and regardless of cause.

- 7.5 Bên B có trách nhiệm kê khai và nộp thuế thu nhập cá nhân cho người lao động của Bên B tại Việt Nam theo sự phân công của công ty. Trong thời hạn bảy (07) ngày kể từ ngày bắt đầu làm việc tại Việt Nam, Bên B phải nộp cho Chi cục Thuế khu vực XV các thông tin sau: Danh sách nhân viên, quốc tịch, hộ chiếu, thời gian làm việc, công việc đảm nhiệm, thu nhập.

Party B have responsibility for declaring and paying personal income tax for employees working in Vietnam under company's assignment. Within seven (7) days from the date the employees begin working in Vietnam, Party B have to submit to the Tax Office of Region XV the information below: Lists employees, nationality, passports, working time, work undertaken, income.

- 7.6 Đứng đầu liên danh chịu trách nhiệm thực hiện tất cả các công việc dịch vụ của liên danh không nêu trong bảng phân chia công việc giữa các thành viên liên danh của Bên B.

Head of Consortium of Party B is responsible for performing all Services stipulated in the Contract but not mentioned in content of assigned work for each member in the Consortium agreement of Party B.

Điều 8. Bảo hiểm

Article 8. Insurance

- 8.1 Bên B có trách nhiệm mua và duy trì đơn bảo hiểm trong suốt thời hạn thực hiện Công việc dịch vụ của hợp đồng cho con người, tài sản của bên B phù hợp với luật pháp Việt Nam và thông lệ quốc tế.

Party B is responsible for purchasing and maintaining the policy for the entire term of the service performance of the contract for Party B's people and property in accordance with Vietnamese law and international practice.

- 8.2 Bên A đảm bảo cho Bên B và người của Bên B được miễn trách trước các cơ quan pháp luật và không phải bồi hoàn bất kỳ một khoản chi phí (kể cả chi phí pháp lý) nào đối với những hư hỏng, mất mát, thương tật, tử vong hay mất tích đối với người và tài sản của Bên A với bất kỳ nguyên nhân gì kể cả do lỗi của Bên B (ngoại trừ do lỗi cố ý của Bên B) trong suốt thời gian thực hiện Hợp đồng này.

Party A ensures Party B and Party B's persons are exempt from the legal authorities and do not have to reimburse any expenses (including legal costs) for damages, losses, injury, death or missing to people and property of Party A for any cause including fault of Party B (except due to Party B's intentional fault) during the contract performance period.

- 8.3 Bên B có trách nhiệm bảo quản và trông coi máy móc, vật tư, trang thiết bị, tài sản của Bên A bàn giao cho Bên B trong suốt quá trình thực hiện, đồng thời Bên B chịu trách nhiệm bồi thường

cho Bên A mọi tổn thất, thiệt hại đối với tài sản của Bên A nếu do lỗi của Bên B gây ra trong quá trình thực hiện hợp đồng mà những tổn thất, thiệt hại đó không thuộc phạm vi bảo hiểm hoặc dưới mức miễn thường theo các đơn bảo hiểm của Bên A.

Party B is responsible for maintaining and looking after the machinery, materials, equipment, and property of Party A handed over to Party B during the performing period, and Party B is responsible for any loss or damage to the property of Party A if it is caused by Party B's fault during the performance of the contract provided that such loss or damage is not covered by insurance or below the normal exemption under Party A's policies.

- 8.4 Bên B đảm bảo cho Bên A và người của Bên A được miễn trách trước các cơ quan pháp luật và không phải bồi hoàn bất kỳ một khoản chi phí (kể cả chi phí pháp lý) nào đối với những hư hỏng, mất mát, thương tật, tử vong hay mất tích đối với người và tài sản của Bên B với bất kỳ nguyên nhân gì kể cả do lỗi của Bên A (ngoại trừ do lỗi cố ý của Bên A) trong suốt thời gian thực hiện Hợp đồng này.

Party B ensures Party A and Party A's people are exempted from legal authorities and do not have to reimburse any costs (including legal costs) for damage, loss, injury, death or missing to Party B's people and property for any causes including fault of Party A (except due to Party A's intentional fault) during the contract performance period of this Agreement

Điều 9. Quyền sở hữu và bảo mật

Article 9. Ownership and confidentiality

- 9.1 Bên B hiểu rằng tất cả các “Thông tin” đã biết và thu được trong quá trình thực hiện Hợp đồng này luôn là tài sản có giá trị lớn của Bên A. Tất cả các “Thông tin” này sẽ không được tiết lộ cho bất cứ Bên thứ ba nào nếu chưa được sự đồng ý bằng văn bản của Bên A. “Thông tin” ở điều này có nghĩa là tất cả các thông tin, tin tức, số liệu, tài liệu, báo cáo, hình vẽ, thiết kế, tài sản trí tuệ, phương pháp, công thức, bí quyết sản xuất, v.v... dưới bất kỳ một dạng diễn đạt nào liên quan đến Hợp đồng này.

Party B understands that all information known and collected during performing the Contract is always a property of value of Party A. All this information shall not be disclose to any third party without the written consent of Party A. Information in this context shall mean all information, news, data, material, report, drawing, design, intellectual property, method, formula, know how, and so on in any form of expression regarding the Contract.

- 9.2 Bên B đảm bảo sẽ không sử dụng những “Thông tin” này bằng bất cứ cách nào xuất phát từ mục đích tư lợi ngoại trừ được sự đồng ý bằng văn bản của Bên A.

Party B warrants not using the Information in any form for any its benefit unless the prior written consent is obtained.

- 9.3 Nghĩa vụ bảo mật “Thông tin” không áp dụng trong trường hợp:

The obligations of keeping confidential the Information is not applicable to the circumstances below:

- 9.3.1 Thông báo công khai là thông tin công cộng;

Public announcement is public news.

- 9.3.2 Thông tin đó được xuất phát từ Bên thứ ba (ngoại trừ Đại diện của Bên A) mà Bên đó làm việc đó một cách hợp pháp nhưng những thông tin đó không phải xuất phát từ Bên A hoặc:

The information comes from the third party (excluding the Representative of Party A) who makes it legally but the information is not coming from the Party A or:

- 9.3.3 Yêu cầu phải tiết lộ từ cơ quan hành chính hoặc cơ quan tài phán Nhà nước có thẩm quyền của Việt Nam.

The requirement of disclosure requested by administrative authorities or jurisdiction of Vietnam.

- 9.4 Điều khoản này sẽ tiếp tục có hiệu lực ngay cả khi Hợp đồng đã kết thúc.
This clause shall survive the termination or completion of the Contract.
- 9.5 Bản quyền của các tài liệu, báo cáo, hình vẽ và các thông tin khác chuẩn bị bởi Bên B trong quá trình thực hiện Hợp đồng hoặc là kết quả của việc thực hiện Hợp đồng sẽ là tài sản riêng của Bên A.
The copyright of material, report, drawing and other information prepared by Party B during executing the Contract or the results of executing so are the private property of Party A.
- 9.6 Bên A đảm bảo không cung cấp hoặc không tiết lộ thông tin, kỹ thuật và công nghệ trong hoạt động sản xuất của Bên B cho Bên thứ ba.
Party A ensure not to supply or disclose information, technical and technology in operation of Party B to any third party.

Điều 10. Thời hạn của dịch vụ **Article 10. Durations of service**

- 10.1 Thời hạn thực hiện dịch vụ là ngày kể từ ngày ký hợp đồng cho đến ngày Bên B hoàn thành toàn bộ công việc dịch vụ (báo cáo cuối cùng được lãnh đạo bên A phê duyệt), không bao gồm thời gian chờ không do lỗi của Bên B. Cụ thể như sau:

The duration of service is days from the date of signing the contract until the date Party B completes the service (the final report is approved by Party A's leader), excluding all standby time not due to Party B's fault. Specifically as follows:

- Giai đoạn Bên B chuẩn bị: ngày bao gồm các công việc xin visa, huy động người, thiết bị đến cơ sở của bên A, thực hiện cách ly y tế theo quy định của Việt Nam và theo quy định của Bên A (nếu có).
The period for Party B's preparation: days including visa application, mobilization of people and equipment to Party A's facility, quarantine time in accordance with Vietnam's regulations and Party A's regulations (if any).
- Giai đoạn Bên A huy động nhân sự của Bên B ra hiện trường (Nếu có): ngày
The period for Party A to mobilize Party B's personnel to platform (if any): days
- Giai đoạn Bên B thực hiện công việc dịch vụ tại hiện trường (ngay sau Giai đoạn chuẩn bị): dự kiến ngày bao gồm các công việc phóng thoi làm sạch, phóng thoi kiểm tra độ sạch và phóng thoi thông minh cho từng tuyến ống (**dự kiến ngày** cho tuyến ống).
The period for Party B to perform the service at the site (after period for preparation): estimated days, including pre-ILI cleaning, cleaning verification and intelligent pig for each pipeline (estimated days for pipeline).
- Giai đoạn Bên B thực hiện đánh giá kết quả khảo sát, lập báo cáo cuối cùng: ngày
The period for Party B to evaluate the inspection results and prepare the final report: days
- Giai đoạn Bên A xem xét, phê duyệt báo cáo cuối cùng: ngày
The period for Party A to review and approve the final report:days

- 10.2 Trong giai đoạn chuẩn bị: Bên B định kỳ hàng tuần báo cáo cho bên A về tiến độ công tác chuẩn bị. Trên cơ sở báo cáo của Bên B, Bên A sẽ có kế hoạch thực hiện làm sạch các tuyến ống cho phù hợp.

During the preparation period: Party B will report weekly to Party A on the progress of the preparation work. Based on the weekly report of Party B, Party A will plan to perform pipeline cleanings accordingly.

- 10.3 Thời hạn của Hợp đồng có thể được gia hạn theo thỏa thuận chung của các Bên.

The duration of the Contract can be extended by mutual agreement of the Parties.

10.4 Phụ thuộc vào các quy định tại Điều 10.5 dưới đây, không bên nào có quyền đơn phương chấm dứt Hợp đồng.

Subject to Article 10.5, neither party has the right to terminate the Contract.

10.5 Tạm ngừng và chấm dứt thực hiện Hợp đồng:

Suspend and terminate the Contract:

10.5.1 Bên A có thể tạm ngừng các hoạt động của Bên B liên quan tới việc thực hiện Hợp đồng này tại bất cứ thời điểm nào nếu Bên A phát hiện ra Bên B có lỗi gây ảnh hưởng đến chất lượng và thời hạn thực hiện công việc.

Party A may suspend all activities of Party B at any time if Party A finds that Party B has fault affecting the quality and time of performing the work.

10.5.2 Bên A có quyền chấm dứt Hợp đồng này tại bất kỳ thời điểm nào nếu Bên B gây ảnh hưởng đến chất lượng và thời hạn thực hiện công việc và trong trường hợp Bên B có lỗi nhưng không khắc phục các lỗi đó theo yêu cầu của Bên A trong vòng 04 tuần kể từ ngày nhận được yêu cầu bằng văn bản của Bên A.

Party A has the right to terminate this Contract at any time if Party A finds that Party B has fault affecting the quality and time of performing the work and if Party B has not remedied the fault within 04 weeks from receiving written notice of fault from Party A.

10.5.3 Trong trường hợp Bên A yêu cầu chấm dứt Hợp đồng, Bên B có quyền đề nghị Bên A thanh toán theo quy định tại Điều 5 và Phụ lục 2 của Hợp đồng đối với phần công việc đã được Bên B thực hiện và Bên A chấp nhận cho tới thời điểm chấm dứt.

In case Party A terminates the Contract, Party B has the right to request Party A to pay for the work done by Party B and approved by Party A till the time of such termination as stated at Article 5 and Appendix 2 of the Contract.

Điều 11. TRÁCH NHIỆM DO VI PHẠM HỢP ĐỒNG

Article 11. Liquidated damages

11.1 Nếu Bên B chậm bắt đầu thực hiện công việc hoặc chậm giao nộp báo cáo cuối cùng và các tài liệu liên quan khác theo yêu cầu kỹ thuật v.v... so với thời gian ghi ở Điều 10 của Hợp đồng này thì Bên B sẽ phải chịu phạt 1% trên tổng phí dịch vụ của Công việc bị chậm trễ cho mỗi tuần thực hiện chậm và tổng số tiền phạt sẽ không vượt quá 8% tổng phí dịch vụ của Công việc bị chậm trễ.

If Party B delays to commence the work or to submit the final report and related documents... as time required in the Article 1 of the Contract then Party B shall pay Party A the agreed and liquidated damages at a rate of 1% of the Total services charge of the delayed Work for each week of such delay but total amount under this Article shall not exceed 8% of the of the Total Services charge of the delayed Work.

11.2 Tổng mức phạt vi phạm do chậm bắt đầu thực hiện công việc hoặc chậm giao nộp báo cáo cuối cùng và các tài liệu liên quan khác không vượt quá 8% tổng giá trị Hợp đồng.

The total payment for this delay shall not exceed 8% of the Contract total value.

11.3 Khi tính số tiền phạt, nếu ít hơn 04 ngày thì sẽ không tính; nếu từ 04 ngày trở lên thì được tính như một tuần lịch.

When calculating the liquidated damages, if less than 04 days the liquidated damages shall not be applicable, if more than 04 days then a week of liquidated damages shall apply.

11.4 Trong trường hợp nếu Bên B:

In cases below if Party B:

- Chậm bắt đầu thực hiện công việc hơn 02 tuần so với ngày ghi ở Điều 10 của Hợp đồng này;
Delay to commence the work more than 02 weeks as time required in the Article 10 of the Contract;
- Không hoàn thành hoặc chậm hoàn thành thực hiện công việc trên 01 tháng so với thời gian ghi nhận ở Điều 10 của Hợp đồng này.
Failure to complete the work or delay to complete the work more than 01 month as time required in the Article 10 of the Contract.

Khi đó Bên A có quyền huỷ Hợp đồng và Bên B phải chịu phạt vi phạm với mức 8% tổng giá trị của Hợp đồng. Trong trường hợp này các khoản tiền phạt vi phạm ghi ở Điều 11.1 sẽ không áp dụng.

As of this reason, the Party A reserves the right to terminate the Contract and Party B shall be charged 8% of the Contract total value. In this case the sum of liquidated damages under Article 11.1 shall not apply.

- 11.5 Để thu hồi khoản tiền phạt vi phạm, Bên A sẽ toàn quyền: (1) khấu trừ khoản tiền phạt vi phạm từ các khoản tiền mà Bên A sẽ thanh toán cho Bên B tại Hợp đồng này hoặc theo các hợp đồng khác được ký kết giữa hai bên; (2) Yêu cầu Ngân hàng cấp Bảo đảm thực hiện hợp đồng thanh toán ngay khoản tiền Bên B mở bảo lãnh cho Bên A; (3) Bằng văn bản, yêu cầu Bên B thanh toán. Trong mọi trường hợp, Bên B cam kết nghiêm túc thực hiện nghĩa vụ thanh toán của mình cho Bên A.

For recovering fines for violations, Party A has the right: (1) Deduct the breach of the penalty from the amount that Party A will pay to Party B in this Contract or under other contracts signed between the two parties; (2) Request payment of the amount of money that Party B has to open a Performance Bond to Party A by the Bank (The Bank issues the Performance Bond); (3) In writing, request Party B to pay. In all cases, Party B commits seriously make its payment to Party A.

- 11.6 Trường hợp sau đây Bên A không được phạt vi phạm chậm:
In below case, the Party A is not entitled to get the the sum of liquidated damages:

Trong khi thực hiện công việc bất cứ thời gian chậm trễ được ghi nhận bằng văn bản do chờ Bên A cung cấp tài liệu liên quan cần thiết cho công việc.

During performance of the Contract, the delay causes by the waiting of Party A's transfer of any related documents regarding the work.

- 11.7 Việc bồi thường thiệt hại (nếu có) được thực hiện theo quy định của pháp luật Việt Nam.
Any compensation for damage (if any) other than the liquidated damages agreed above shall be made in accordance with the law of Vietnam.

11.8 Bảo hành và khiếu nại **Guarantee and claim**

- 11.8.1. Bên B phải đảm bảo chất lượng của dịch vụ ILI sẽ tuân thủ đầy đủ theo các điều khoản và điều kiện của yêu cầu kỹ thuật.

Party B shall guarantee that the quality of the ILI services shall fully in compliance with the terms and conditions of the TR.

- 11.8.2. Nếu phát hiện ra sự khác biệt giữa thông tin thu được từ kết quả ILI và tình trạng thực tế của đường ống (phát hiện ra các bất thường mới của đường ống hoặc không xác nhận được các bất thường đã xác định trước đó), Bên A có quyền đưa ra khiếu nại tương ứng trong thời hạn 03 tháng kể từ thời điểm Final Report của kết quả ILI được hai bên chấp thuận. Để chứng minh cho

khiếu nại, Bên A phải nộp cho Bên B các tài liệu xác nhận sự khác biệt giữa dữ liệu thu được dựa trên kết quả ILI.

If a discrepancy is detected between the information obtained from the results of ILI and the actual condition of the pipeline (detection of new pipeline anomalies or failure to confirm previously identified ones), Party A have the right to make respective claim within within 03 months from the date the final report of ILI is approved by both parties. To substantiate the claim, the Party A shall submit to the Party B the documents confirming the discrepancy between the data obtained based on the ILI results.

11.8.3. Bên B phải thông báo cho Bên A về kết quả xem xét khiếu nại chậm nhất là 30 ngày kể từ ngày nhận được khiếu nại.

The Party B shall inform the Party A about result of the consideration of the claim not later than in 30 days after receipt of claim.

11.8.4. Trong trường hợp khiếu nại được chứng minh là có căn cứ, Bên B phải giải trình và lập đề xuất thực hiện lại công việc với chi phí do Bên B chịu hoặc điều chỉnh báo cáo dựa trên kết quả ILI. Chi phí Bên A phải chịu do chất lượng dịch vụ ILI kém phải được Bên B bồi thường.

In case the claim proved to be justified, the Party B shall provide an explanation and prepare a proposal for repeating the work at Party B's expense or adjusting the report based on the ILI results. Party A's expenses incurred due to poor quality of the ILI service must be compensated by Party B.

11.8.5. Sau khi dịch vụ ILI lặp lại được cung cấp hoặc báo cáo dựa trên kết quả ILI đã được điều chỉnh và tất cả các chi phí, phí tổn và bồi thường liên quan đã được giải quyết, khiếu nại sẽ được coi là đã được giải quyết xong.

After the repeated ILI service has been provided or the report based on the ILI results has been adjusted and all related expenses, costs and compensations have been settled, the claim shall be deemed finally settled.

11.8.6. Toàn bộ số tiền yêu cầu bồi thường mà Bên B có nghĩa vụ phải trả cho Bên A theo Hợp đồng này sẽ được Bên B bồi thường bằng cách chuyển vào tài khoản của Bên A hoặc bằng cách khác theo thỏa thuận chung trước đó.

The entire amount of the claim that the Party B is obliged to pay to the Party A under this Contract shall be compensated by the Party B by transferring it to the Party A's account or otherwise by prior mutual agreement.

Điều 12. Bảo đảm thực hiện hợp đồng

Article 12. Performance bond

12.1 Trong vòng 07 ngày làm việc sau ngày ký hợp đồng (ghi tại trang 01 của hợp đồng), Bên B phải nộp giấy Bảo lãnh thực hiện hợp đồng (Phụ lục 9 của hợp đồng này). Bảo lãnh được cấp bởi Ngân hàng / Chi nhánh Ngân hàng hoạt động hợp pháp. Giá trị Bảo đảm thực hiện hợp đồng bằng 8% tổng giá trị hợp đồng.

Party B must submit the Performance guarantee (Appendix 9 of this contract) not later than 07 working days from the date of signing the contract (recorded at page 01 of the contract). The guarantee is granted by a bank/bank branch operating legally. The value of Performance guarantee is equivalent to 08% of the total contract value.

Giấy bảo đảm này có hiệu lực bằng thời hạn thực hiện dịch vụ (150 ngày) quy định tại mục 10.1 hợp

đồng này cộng thêm 60 ngày lịch.

This guarantee is valid for the durations of service (150 days) specified in clause 10.1 of this contract plus 60 calendar days.

12.2 Mọi chi phí liên quan đến việc phát hành bảo đảm thực hiện hợp đồng do Bên B chịu.

All costs relating to the Performance Bond shall be at Party B's account.

12.3 Bên B không được nhận lại Bảo đảm thực hiện hợp đồng trong trường hợp Bên B từ chối/không thực hiện hợp đồng sau khi ký hợp đồng.

Party B shall not receive Performance guarantee if Party B refuses/fails to perform the contract after signing the contract.

12.4 Trong trường hợp Bên B vi phạm trách nhiệm thực hiện hợp đồng theo quy định tại hợp đồng này thì khoản tiền bảo đảm được Bên A dùng để khấu trừ tiền phạt.

In the event that Party B violates the contract performance obligations under this contract, the amount of guarantee shall be used by Party A to withhold the penalty.

12.5 Bên B phải ngay lập tức yêu cầu Ngân hàng phát hành giấy bảo đảm thực hiện hợp đồng thực hiện sửa đổi giấy Bảo đảm thực hiện Hợp đồng trong trường hợp cần gia hạn thời gian hiệu lực của Bảo đảm này vì lý do chậm thực hiện dịch vụ hoặc gia hạn thời hạn thực hiện dịch vụ, đồng thời gửi ngay cho Bên A giấy Bảo đảm đã gia hạn hiệu lực.

Party B must immediately request the Issuing Bank to amend the Performance guarantee in case of necessity to extend the validity of this guarantee due to late service or extending the service period and simultaneously, submit the renewal guarantee to Party A immediately.

Điều 13. Bất khả kháng

Article 13. Force Majeure

13.1 Sự kiện bất khả kháng là sự kiện xảy ra một cách khách quan không thể lường trước được và không thể khắc phục được mặc dù đã áp dụng mọi biện pháp cần thiết và khả năng cho phép như: chiến tranh, bạo loạn, xung đột vũ trang, cấm vận, thiên tai (lũ lụt, bão, lốc xoáy, động đất, sóng thần), hỏa hoạn, dịch bệnh (Epidemic, Pandemic) được WHO/Quốc gia công bố, lệnh phong tỏa Vùng/Quốc gia do Chính quyền sở tại áp đặt....

A force majeure means an event which occurs objectively and unpredictably and cannot be overcome though all necessary measures have been applied and all the permitted capabilities have been used i.e. war, rebel, army conflicts, embargo, natural calamities (floods, fires, quakes, tsunami ...), fire, diseases (Epidemic, Pandemic) published by WHO/Country, blockade announcements applied through Regional/National level by Government.

13.2 Bên gặp sự kiện bất khả kháng dẫn đến việc không thực hiện được nghĩa vụ theo hợp đồng do ảnh hưởng trực tiếp bởi các sự kiện bất khả kháng có nghĩa vụ phải ngay lập tức thông báo cho bên kia biết, bao gồm cung cấp thông tin, giải trình về sự ảnh hưởng trực tiếp của sự kiện bất khả kháng đến việc vi phạm thực hiện hợp đồng kèm chứng cứ chứng minh, các biện pháp đã được thực hiện để khắc phục vấn đề và giảm thiểu tổn thất. Việc chậm thông báo, cung cấp thông tin và giải trình nếu trễ hơn 10 ngày lịch sau khi sự kiện bất khả kháng xảy ra sẽ làm cho bên gặp bất khả kháng mất quyền miễn trách sau này vì lý do bất khả kháng.

The Party who not be able to perform the obligations due to the directly impact of above force majeure shall notify to the other party immediately, including to furnish information, justification proving that the aforementioned force majeure are the main causes that effect of those obligations in the Contract, and evidences that are showing all actions has been made to remedy problem and reduce damages . Any delay in providing information, notice and justification up to 10 days upon the occurring of force majeure events could not be considered as exemption from the related Party's responsibility thereafter due to the force majeure.

13.3 Văn bản xác nhận của Phòng Thương mại và Công nghiệp Việt Nam hoặc cơ quan có thẩm quyền ở nơi xảy ra sự kiện bất khả kháng là bằng chứng đủ để chứng minh sự kiện và thời gian xảy ra bất khả kháng.

The confirmation of Chamber of Commerce and Industry of Vietnam or authority department at the place where force majeure occurs is the evidence of happening force majeure and when it occurs.

- 13.4 Trường hợp do hậu quả trực tiếp của sự kiện bất khả kháng mà một Bên trong Hợp Đồng không thể thực hiện toàn bộ hoặc một phần nghĩa vụ theo hợp đồng này thì thời gian thực hiện hợp đồng sẽ được kéo dài thêm bằng thời gian mà sự kiện bất khả kháng diễn ra.

If in the extent of performing obligations of one Party is hindered in whole or in part due to the above force majeure, then the duration of this Contract shall be extended to cover for the same period when force majeure occurs.

- 13.5 Nếu sự kiện bất khả kháng kéo dài hơn 02 tháng, mỗi bên đều có quyền chấm dứt hợp đồng này mà không phải bồi thường bất cứ một khoản tiền nào cho bên kia.

In case the force majeure lasts accumulated up to 02 months, each party reserves the right to terminate this Contract without any compensation to the other part.

- 13.6 Các khó khăn trong sản xuất như thiếu vật tư, điện, nhân công, hỏa hoạn, đình công... không được coi là bất khả kháng và không miễn cho Bên B nghĩa vụ giao hàng hoặc giao hàng muộn; Các thông tin từ trang báo, mạng và các phương tiện truyền thông khác chỉ mang tính chất tham khảo.

The other event such as lack of material, electricity, personnel... is not considered as force majeure and not exempt from Party B's obligations in delivery or due to late delivery. Information from newspaper, website and other social media are for reference purpose only.

Điều 14. Giải quyết tranh chấp

Article 14. Dispute resolution

- 14.1 Bất kỳ tranh chấp nào phát sinh từ hợp đồng này sẽ được giải quyết bằng thương lượng giữa hai bên trên tinh thần hợp tác, hai bên cùng có lợi và tôn trọng lẫn nhau.

Any disputes arising from this contract shall be settled by negotiation between the two parties in the spirit of cooperation, mutual benefit and mutual respect.

- 14.2 Trường hợp tranh chấp không thể giải quyết bằng thương lượng thì sẽ được đưa ra Trung tâm Trọng tài Quốc tế Việt Nam tại Hà Nội để phân xử theo Quy tắc tố tụng của Trung tâm này. Số lượng trọng tài viên là 03 người. Luật áp dụng là Luật Việt Nam. Ngôn ngữ trọng tài là Tiếng Việt. Phán quyết của Trung tâm trọng tài là cuối cùng và buộc hai bên phải tuân thủ. Án phí do Bên thua kiện chịu.

If the dispute can not be settled by negotiation, it will be resolved by arbitration at the Vietnam International Arbitration Center in Hanoi in accordance with its Rules of Procedure. The number of arbitrators shall be three. The applicable law shall be the law of Vietnam. The language of arbitrator shall be Vietnamese. Decision / award of the arbitration shall be final and binding upon both parties. The losing party will bear the arbitration fees.

Điều 15: Các điều khoản khác

Article 15: Other conditions

- 15.1 Những điều không quy định hoặc quy định không đầy đủ trong Hợp đồng này sẽ căn cứ vào luật pháp Việt Nam hiện hành.

Unspecified or inadequate provisions in this Contract shall be performed in accordance with the laws of Vietnam.

- 15.2 Bất kỳ sự sửa đổi, bổ sung nào đối với Hợp đồng này đều phải được lập thành văn bản và có chữ ký của cả hai bên hoặc bằng văn thư có sự đồng thuận của cả hai bên.

Mọi giao dịch trong quá trình thực hiện Hợp đồng được các Bên thực hiện bằng văn bản và gửi theo đường bưu chính hoặc theo số Fax tới địa chỉ đăng ký hoặc số Fax của mỗi Bên ghi trong hợp đồng, theo mẫu Phụ lục số 5 (a, b) kèm theo.

Any amendment or supplement to this contract must be mutually agreed in written document by the two parties. All transactions during the performance of the Contract are conducted by the Parties in writing and sent by post or by Fax number to the registered address or the Fax number of each Party specified in the Contract and emailed to the email address in accordance with the template of Appendix No. 5 (a, b) attached.

- 15.3 Không bên nào được chuyển quyền và nghĩa vụ của mình theo hợp đồng này cho bên thứ ba mà không được sự đồng ý trước bằng văn bản của bên kia.

Neither party may transfer the rights and obligations under this contract to any third party without the prior written acceptance of the other party.

- 15.4 Hợp đồng, tài liệu dẫn chiếu và thứ tự ưu tiên pháp lý như sau:

(1) Văn bản hợp đồng (kèm theo Phạm vi cung cấp dịch vụ và bảng giá cùng các Phụ lục hợp đồng);

(2) Thư thông báo trúng thầu;

(3) Hồ sơ dự thầu của Bên B;

(4) Hồ sơ mời thầu và các tài liệu sửa đổi hồ sơ mời thầu;

Contract, reference document and priority order are as follows:

(1) *Contract documents (enclosed with the scope of supply service, price list, and the contract appendices);*

(2) *Letter of winning award;*

(3) *Bid proposal documents of Party B;*

(4) *Invitation to Bid and documents amending the bidding documents;*

Trong trường hợp nếu có sự tranh chấp hay khác biệt giữa bản tiếng Anh và bản tiếng Việt trong hợp đồng này, bản tiếng Việt sẽ ưu tiên áp dụng.

In the event of disputes or discrepancies between the Vietnamese and English versions of the Contract, the Vietnamese version will prevail.

- 15.5 Hợp đồng này có hiệu lực kể từ ngày Ngân hàng Bên B mở bảo lãnh thực hiện Hợp đồng (ngày hiệu lực của bảo lãnh) và hoàn thành việc ký Hợp đồng nhưng không muộn hơn 14 ngày làm việc so với ngày được ghi trên Hợp đồng và tiếp tục cho đến khi hai bên thực hiện hết trách nhiệm của mình như quy định trong hợp đồng.

This contract takes effect from the date Party B's Bank opens the Performance Bond (effective date of Performance Bond) and completes the signing of the Contract but not later than 14 working days from the date stated in the Contract and continues until the two parties fulfill their responsibilities as stipulated in the contract.

- 15.6 Hết thời hạn hiệu lực của hợp đồng, nếu hai bên không có khiếu nại gì coi như hợp đồng đã được thanh lý.

On expiry of the contract, if the two parties have no complaints, contract shall be considered as having been liquidated.

- 15.7 Hợp đồng gồm trang và 10 phụ lục sau đây:

The contract consists of 36 pages and 10 Appendixes:

- Phụ lục số 1: Yêu cầu kỹ thuật và Phạm vi công việc (01 trang)

Appendix 1: Technical Requirement & Scope of Work

- Phụ lục số 2: Đơn giá và giá trị của hợp đồng (01 trang)

Appendix 2: Price & Value of contract

- Phụ lục số 3: Danh sách nhân sự nhà thầu (01 trang)

Appendix 3: List of Personnel of Party B

- Phụ lục số 4: Trách nhiệm các bên (02 trang)

Appendix 4: Responsibilities of the parties

- Phụ lục số 5: Mẫu thư tín giao dịch thực hiện hợp đồng (01 trang)

Appendix 5: Correspondence Template for Contract Performance.

- Phụ lục 6: Biên bản nghiệm thu hoàn thành công tác khảo sát đường ống (01 trang)

Appendix 6: Minutes of Acceptance for Pipeline Survey Work

- Phụ lục 7: Biên bản nghiệm thu hoàn thành báo cáo cuối cùng (01 trang)

Appendix 7: Minutes of Acceptance for the final report

- Phụ lục 8: Biên bản nghiệm thu hợp đồng (02 trang)

Appendix 8: Minutes of Acceptance for the contract

- Phụ lục số 9 : Mẫu Bảo lãnh thực hiện HĐ (02 trang).

Appendix 9: Form of Performance Bond

- Phụ lục số 10 : Mẫu Bảo lãnh tạm ứng (01 trang).

Appendix 10: Form of Advance payment Guarantee

15.8 Hợp đồng gồm ___ trang và ___ Phụ lục, được lập thành 05 bản bằng tiếng Việt, các bản có giá trị pháp lý như nhau, Bên A giữ 03 bản, Bên B giữ 02 bản.

The contract consists of ___ pages and ___ Appendixes, made in 05 copies in Vietnamese, the copies have the same legal value, Party A shall keep 03 copies, Party B shall keep 02 copies.

ĐẠI DIỆN BÊN A

Representative of Party A

ĐẠI DIỆN BÊN B

Representative of Party B

PHỤ LỤC SỐ 1/ APPENDIX 1

**YÊU CẦU KỸ THUẬT & PHẠM VI CÔNG VIỆC
TECHNICAL REQUIREMENTS & SCOPE OF WORKS**

PHỤ LỤC SỐ 2/ APPENDIX 2

**ĐƠN GIÁ VÀ GIÁ TRỊ CỦA HỢP ĐỒNG
UNIT PRICE AND VALUE OF CONTRACT**

PHỤ LỤC SỐ 3/ APPENDIX 3

**DANH SÁCH NHÂN SỰ NHÀ THẦU
LIST OF CONTRACTOR'S MANPOWER**

PHỤ LỤC 04 / APPENDIX 04

TRÁCH NHIỆM CÁC BÊN / RESPONSIBILITIES OF THE PARTIES



PHỤ LỤC SỐ 5 / APPENDIX 5
APPENDIX NO. 05 (A)

CORRESPONDENCE TEMPLATE FOR CONTRACT PERFORMANCE

Date month year 20 ..

To: VIETSOVPETRO

105 Le Loi Street, Vung Tau Ward, Ho Chi Minh City, S.R. Vietnam

Fax:

ATTN: Mr. Tran Quoc Thang + Deputy General Director

Mrs. Nguyen Thi Van Anh – Manager of VSP Commercial Dept.

Email: (huongpt.hq@vietsov.com.vn)

(Insert the transaction content, including: Change of Goods/ Services, schedule, use of quota, contents regarding contract value, payment, etc.)

LEGAL REPRESENTATIVE OF
[Full name, title, signature and stamp]

APPENDIX NO. 05 (B)

CORRESPONDENCE TEMPLATE FOR CONTRACT PERFORMANCE

Date month year 20 ..

To: VIETSOVPETRO

105 Le Loi Street, Vung Tau Ward, Ho Chi Minh City, S.R. Vietnam

Fax:

ATTN: Mrs. Nguyen Thi Van Anh – Manager of VSP Commercial Dept.

Mr. Do Manh Ha – Director of Port and Logistic Division

Mr. Nguyen Quoc Dung - Director of Oil & Gas production Enterprise


Email: (huongpt.hq@vietsov.com.vn)

(Insert the transaction content, including: Delivery notice, Delivery of goods documents, notification of commencement of service/ construction, information on personnel/ equipment conducting service/ construction, etc.)

REPRESENTATIVE OF PARTY
(Signature and stamp)



PHỤ LỤC SỐ 6 / APPENDIX 6

	<p align="center">Minutes of Acceptance for Pipeline Survey Work Contract No.</p>	
---	---	--

MINUTES OF ACCEPTANCE FOR PIPELINE SURVEY WORK

CONTRACT NUMBER:

PROVISION OF OIL SUBSEA PIPELINE IN-LINE INSPECTION AND GASLIFT SUBSEA PIPELINE FOR BLOCK

This Acceptance is made between:

VIETSOVPETRON JOINT VENTURE

As “COMPANY”

And

THE CONSORTIUM

As “CONTRACTOR”


In implementation of the Contract Number: for “Provision of Subsea Pipeline In-line Inspection and Gaslift Subsea Pipeline for Block ” dated between the COMPANY and the CONTRACTOR, by this acceptance both Parties acknowledge the following:

1. On the date, the inspection site works for the pipeline have been successfully delivered and completed by CONTRACTOR to the satisfaction of the COMPANY.
2. COMPANY will dismantle accessories in the above-mentioned pipeline and revert to the initial state.
3. This Acceptance is made in two (2) originals with equal validity, one (1) of which retained by each party.

VIETSOVPETRO	CONSORTIUM
<p align="center">..... Chief Engineer VSP</p>	<p align="center">..... Director contractor</p>
<p align="center">..... Chief of Production and Technical Department, Headquarter</p>	<p align="center">.....</p>
<p align="center">..... Director OGPE</p>	<p align="center">.....</p>
<p align="center">..... Chief of Basic Construction Department, Headquarter</p>	<p align="center">.....</p>
<p align="center">..... Diretor Science Research & Engineering Institute</p>	<p align="center">.....</p>



PHỤ LỤC SỐ 7 / APPENDIX 7

	Minutes of Acceptance for the Final Report Contract No.	
---	--	--

MINUTES OF ACCEPTANCE FOR THE FINAL REPORT

CONTRACT NUMBER:

PROVISION OF OIL SUBSEA PIPELINE IN-LINE INSPECTION AND GASLIFT SUBSEA PIPELINE FOR BLOCK

This Acceptance is made between:

VIETSOVPETRON JOINT VENTURE

As “COMPANY”

And

THE CONSORTIUM

As “CONTRACTOR”

In implementation of the Contract Number: for “Provision of Oil Subsea Pipeline In-line Inspection and Gaslift Subsea Pipeline for Block” dated between the COMPANY and the CONTRACTOR by this acceptance both Parties acknowledge the following:

1. On the date, the Final Report for the pipeline have been completed and delivered by the CONTRACTOR to the satisfaction of the COMPANY.
2. This Acceptance is made in two (2) originals with equal validity, one (1) of which retained by each party.

VIETSOVPETRO	CONSORTIUM
..... Chief Engineer VSP	..... Director contractor
..... Chief of Production and Technical Department, Headquater	..........
..... Director OGPE	..........
.....

Chief of Basic Construction Department, Headquarter	.....
..... Diretor Science Research & Engineering Institute	..........

PHỤ LỤC 8 / APPENDIX 8

**VIETSOVPETRO
JOINT VENTURE**

THE SOCIAL REPUBLIC OF VIETNAM
Independence – Freedom - Happiness

No:

Ho Chi Minh city, date / /

BIÊN BẢN NGHIỆM THU HỢP ĐỒNG
MINUTE OF ACCEPTANCE FOR THE CONTRACT

1. Đối tượng nghiệm thu:

1. Subject of the acceptance:

Công việc của hợp đồng số ký ngày .../.../... giữa LD Vietsovpetro và về việc “Cung cấp khảo sát bề mặt bên trong của đường ống dầu ngầm ..., ... và đường ống gaslift mỏ “Bạch Hổ” Lô 09-1”.

The work of the contract №: signed on .../.../... between Vietsovpetro JV and on “Provision of Oil Subsea Pipeline in-Line Inspection, and Gaslift Subsea Pipeline “Bach Ho” oil field Blok 09-1”.

2. Đánh giá công việc hoàn thành

2. Evaluation of Completed job

a. Tài liệu căn cứ để nghiệm thu: Như phụ lục đính kèm

a. Documents for the basis for acceptance: As attachment

b. Thời gian thực hiện hợp đồng

b. Time of contract execution

- Ngày bắt đầu: Ngày ... / ... / ...

Start date: ... / ... / ...

- Ngày kết thúc: Ngày ... / ... / ...

End date: ... / ... / ...

c. Phạm vi hoàn thành công việc: Như phụ lục ... đính kèm.

c. Scope of work completed: As attachment ...-

d. Chất lượng công việc:

- Đường 1 - Đường ống dầu: Đáp ứng / không đáp ứng yêu cầu

- Đường 2 - Đường ống gaslift: Đáp ứng / không đáp ứng yêu cầu
- Đường 3 -

d. Quality of work:

- Line 1 – Oil subsea pipeline: meet / don't meet requirements
- Line 2 – Gaslift subsea pipeline: meet / don't meet requirements
- Line 3 -

e. Các ý kiến khác (nếu có): Không có

e. Other comments (if available): N/A

3. Kết luận:

3. Conclusion:

Liên danh nhà thầu đã hoàn thành toàn bộ công việc theo quy định trong Hợp đồng số ký ngày .../.../..., LD Vietsovpetro đồng ý nghiệm thu công việc hoàn thành và đưa tuyến ống ... vào vận hành.

The consortium of has completed the works set out in contract no. signed on .../.../ ..., Vietsovpetro JV agrees to accept job completion and put the pipelines ... into operation.

Phụ lục đính kèm biên bản:

Appendix attached to the minutes:

1. Biên bản nghiệm thu hoàn thành công việc khảo sát đường ống...
Minutes of Acceptance for pipeline survey work
2. Biên bản nghiệm thu hoàn thành báo cáo cuối cùng cho đường ống ...
Minutes of Acceptance for the final report
3. Biên bản họp ngày
The minute of meeting dated
4. Hợp đồng số: ... ký ngày .../.../...
The contract №: ... signed on .../.../...
5.

VIETSOVPETRO	CONSORTIUM
..... Chief Engineer VSP	..... Director, ...
..... Chief of Production and Technical Department, Headquarter	..... Business Development Manager, ...
..... Director OGPE	..... Head project management, ...
..... Chief of Basic Construction Department, Headquarter	..... Head analysis department, ...

<p>..... Diretor Science Research & Engineering Institute</p>	<p>..... Senior engineer,</p>
---	---

PHỤ LỤC SỐ 9
MẪU BẢO LÃNH THỰC HIỆN HỢP ĐỒNG

Ngày ____ tháng ____ năm 200 ____.

Kính gửi: Liên doanh Việt – Nga Vietsovpetro

Liên quan tới Hợp đồng _____ về việc _____ (sau đây được gọi là “Hợp đồng”) được ký giữa _____ (sau đây gọi là “BÊN ĐƯỢC BẢO LÃNH”) và _____ (sau đây gọi là “BÊN THỤ HƯỞNG”), chúng tôi, _____ có trụ sở chính tại _____ (sau đây gọi là “BÊN BẢO LÃNH”) phát hành Thư bảo lãnh không hủy ngang và vô điều kiện cho bên thụ hưởng với số tiền là _____ (Bằng chữ: _____) (sau đây gọi là “THƯ BẢO LÃNH”).

THƯ BẢO LÃNH này có hiệu lực kể từ ngày phát hành và sẽ duy trì hiệu lực cho đến _____ sau đây gọi là "Ngày hết hiệu lực". Đối với bất cứ sự gia hạn, đổi mới hoặc chuyển nhượng Hợp đồng vượt quá thời gian được quy định trong THƯ BẢO LÃNH này, BÊN THỤ HƯỞNG sẽ không cần phải thông báo hoặc được sự đồng thuận của BÊN BẢO LÃNH. THƯ BẢO LÃNH này sẽ được gia hạn dựa trên yêu cầu bằng văn bản từ BÊN ĐƯỢC BẢO LÃNH để đảm bảo cho thời gian gia hạn, đổi mới hoặc chuyển nhượng của Hợp đồng.

BÊN BẢO LÃNH cam kết **không hủy ngang và vô điều kiện** thanh toán ngay cho BÊN THỤ HƯỞNG một khoản tiền hay những khoản tiền, theo chỉ thị của BÊN THỤ HƯỞNG, tổng không vượt quá số tiền bảo lãnh nêu trên trong vòng 05 ngày làm việc kể từ ngày nhận được văn bản yêu cầu của BÊN THỤ HƯỞNG ghi rõ BÊN ĐƯỢC BẢO LÃNH đã vi phạm nghĩa vụ theo Hợp đồng.

Sau Ngày hết hiệu lực, THƯ BẢO LÃNH này sẽ tự động không còn giá trị cho dù bản gốc THƯ BẢO LÃNH và các Thư sửa đổi liên quan (nếu có) có được gửi trả lại BÊN BẢO LÃNH hay không.

Số tiền bảo lãnh nêu trên sẽ được thanh toán ngay bởi BÊN BẢO LÃNH cho BÊN THỤ HƯỞNG cho dù có sự tranh cãi hoặc phản đối nào của BÊN ĐƯỢC BẢO LÃNH hoặc của BÊN BẢO LÃNH hoặc của bất kì bên thứ ba nào khác, và bất kể có hay không sự tranh chấp giữa BÊN ĐƯỢC BẢO LÃNH và BÊN THỤ HƯỞNG về hoặc liên quan tới Hợp đồng hoặc về bất cứ vấn đề khác và cho dù những tranh chấp này, nếu có, đã được giải



quyết, dàn xếp, kiện tụng hoặc phân xử bằng bất kỳ hình thức nào.

BÊN BẢO LÃNH hoặc BÊN ĐƯỢC BẢO LÃNH sẽ không được giải trừ bất cứ nghĩa vụ nào theo THƯ BẢO LÃNH này cho dù có bất cứ sự sửa đổi, thay đổi, thanh toán sai lệch, gia hạn nào liên quan tới Hợp đồng hay bất kỳ sự trì hoãn ân hạn nào của BÊN THỤ HƯỞNG trong hoặc liên quan đến bất cứ vấn đề gì của Hợp đồng.

Việc đòi tiền nhiều lần theo bảo lãnh này là được phép và theo đó, Số tiền bảo lãnh nêu trên sẽ tự động giảm tương ứng với số tiền mà Ngân hàng đã thực hiện thanh toán cho Bên thụ hưởng theo Thư bảo lãnh.

Thư bảo lãnh được điều chỉnh và giải thích theo pháp luật Việt Nam. Bất kỳ tranh chấp nào phát sinh từ hoặc liên quan đến Thư bảo lãnh sẽ [do Tòa án nhân dân có thẩm quyền của Việt Nam giải quyết theo quy định của pháp luật] / [sẽ được giải quyết tại Trung tâm Trọng tài quốc tế Việt Nam (VIAC) theo quy tắc tổ tụng trọng tài của VIAC].

THƯ BẢO LÃNH này được phát hành duy nhất 01 (một) bản và không được phép chuyển nhượng.

TÊN NGÂN HÀNG BẢO LÃNH

(Ký tên và đóng dấu)

FORM OF PERFORMANCE BOND

_____, day ____ month ____ year ____

TO: _____ [name of the Employer]
(Hereinafter referred to as the “Employer”)

With reference to Contract No. _____ entitled _____ (hereinafter referred to as "the Contract") entered into on the _____ by and between _____, having address at _____ (hereinafter referred to as "APPLICANT") and _____, we, _____, having registered office at _____ (hereinafter referred to as "GUARANTOR") hereby open in the favor of _____ (Hereinafter referred to as the “BENEFICIARY”) an unconditional and irrevocable bank guarantee for the amount of _____ (In words: _____) (hereinafter referred to as "GUARANTEE").

This GUARANTEE is effective from the issuance date and shall remain valid, binding and in force until _____, hereinafter referred to as “the **Expiry Date**”. For any extensions, renewals, or assignments of the Contract beyond the time stated in this GUARANTEE, BENEFICIARY shall not be required to give notice to nor obtain the consent of GUARANTOR. This GUARANTEE would be extended upon written request of APPLICANT to cover the extension, renewal or assignment periods. GUARANTOR hereby **unconditionally and irrevocably** guarantees to promptly pay BENEFICIARY an amount or amounts, specified by BENEFICIARY, up to the amount stated above, within 05 working days upon our receipt of BENEFICIARY's written demand stating that APPLICANT has failed to fulfill its performance obligation(s) under the Contract.

After the Expiry date, this GUARANTEE shall automatically become null and void, whatsoever and irrespective of whether this GUARANTEE is returned to GUARANTOR or not.

The said guarantee amount shall be paid by GUARANTOR forthwith to BENEFICIARY notwithstanding any contestation or protest by APPLICANT or by GUARANTOR or by any third party, and irrespective of whether or not there is any dispute between APPLICANT and BENEFICIARY in respect of or relating to the Contract or in respect of any other matter and irrespective of whether or not such said dispute, if any, has been settled, resolved, litigated, or adjudicated upon otherwise howsoever.

Neither alteration, variation, incorrect payment, extension in terms of the Contract nor any forbearance of forgiveness in or in respect of any matter or thing concerning the Contract on the part of BENEFICIARY shall in any way release GUARANTOR or APPLICANT or from any liabilities under this GUARANTEE.

Multiple demands under this Guarantee are allowed. In such event, the Guarantee Amount aforementioned shall automatically be reduced by the amount of each and any payment made by us under this Guarantee.

The Guarantee shall be governed by and construed in accordance with the laws of Vietnam. Any dispute arising out of or relating to this Guarantee shall be submitted to [the jurisdiction of competent People’s Court of Vietnam in accordance with the governing law] / [arbitration by the Vietnam Arbitration Center international (VIAC in accordance with its rules of arbitration)].

This GUARANTEE is issued solely in 01 (one) bilingual original and is not transferrable.

REPRESENTATIVE OF THE BANK

[Full name, title, signature and stamp]

PART 4 – APPENDICES

CHAPTER VI

**SCOPE OF SUPPLY, TECHNICAL REQUIREMENT
AND TECHNICAL EVALUATION CRITERIA**

TECHNICAL REQUIREMENT AND SCOPE OF SUPPLY

TECHNICAL EVALUATION CRITERIA





DANH MỤC- СПЕЦИФИКАЦИЯ

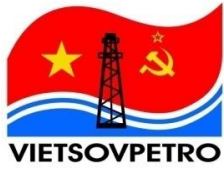
Tên hàng hóa/Dịch vụ - На приобретение товаров/услуг: Khảo sát bề mặt bên trong của các đường ống ngầm dẫn dầu 12" MSP-1 - MSP-8, MSP-1 - BK-2 tại mỏ "Bạch Hổ"

Số ĐHXN - № заявки: 90.XNKТ-0004/26-DV

STT П/п	Mã Vật Tư Код МТР	Tên VTTB/dịch vụ (Việt/Nga hoặc Anh) Наименование МТР/услуг (вьетнам./русс. или англ.)	Đặc Tính Kỹ Thuật Технические характеристики	ĐVT Ед. Изм.	Số Lượng Кол-во	Ghi Chú Примечание
(1)	(2)	(3)	(4)	(5)	(6)	(7)
II. DỊCH VỤ						
1	998.003.00001	khảo sát bề mặt bên trong của đường ống ngầm dẫn dầu MSP-1 - MSP-8		Lot	1,00	
2	998.003.00001	khảo sát bề mặt bên trong của đường ống ngầm dẫn dầu MSP-1 - BK-2		Lot	1,00	

(*) : New items





**RESEARCH AND ENGINEERING INSTITUTE
FOR OFFSHORE OIL AND GAS**



PROJECT NAME : IN LINE INSPECTION OF 3 PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN 2026

DOCUMENT TITLE : TECHNICAL REQUIREMENTS FOR 12 INCH PIPELINES MSP1-BK2 IN-LINE INSPECTION

DOCUMENT No. : OFSP-379-GP-PL8-TR-001


PHASE : BIDDING



TABLE OF CONTENTS

1. INTRODUCTION AND SCOPE OF THIS DOCUMENT	3
2. REFERENCES	3
3. ADDENDUM	4
3.1 PIPELINE TECHNICAL DATA	6
3.2 P&ID AT PIG LAUNCHER / RECEIVER	10
3.2.1 P&ID at PIG Launcher / Receiver at MSP1	10
3.2.2 P&ID at PIG Launcher / Receiver at BK2	10
3.3 PIG LAUNCHER / RECEIVER DRAWING	11
3.4 PIGGING CONNECTION SCHEME	14
3.4.1 Pigging Connection Scheme on MSP1	14
3.4.2 Pigging Connection Scheme on BK2	19
3.5 DURATION OF WORKS	21
3.6 ADDITIONAL TECHNICAL REQUIREMENTS FOR ILI TOOL	21
3.7 REQUIREMENTS FOR REPORTING AFTER ILI RUN	21
3.7.1 Preliminary Report Requirements	21
3.7.2 Final Report Requirements	21
APPENDIX 1: RESULTS OF CLEANING RUN IN 2021	22



	IN LINE INSPECTION OF 3 PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN 2026 TECHNICAL REQUIREMENTS FOR 12 INCH OIL PIPELINES MSP1-BK2 IN-LINE INSPECTION	OFSP-379-GP-PL8-TR-001		
		Rev.	1	Page	3 of 27

1. INTRODUCTION AND SCOPE OF THIS DOCUMENT

This document describes technical requirements for In-line Inspection (ILI) - intelligent pigging survey of 12 inch oil subsea pipeline **MSP1 – BK2**.

Typical Engineering Documentation **VSP-NIPI-TYP-GP-PL8-TR-01 rev.1** will be applied for this project. For any information related to technical requirements such as scope of work, in-line inspection requirements, qualification requirements, project responsibilities, reporting, etc., refer to typical document *VSP-NIPI-TYP-GP-PL8-TR-01 rev.1 “Technical requirements for subsea pipelines in-line inspection”*.

This document comprises the information for particular **12 inch oil pipeline MSP1 – BK2** to be in-line inspected as follows:

- Updated info as per attachments 1, 2, 3 to the typical document *VSP-NIPI-TYP-GP-PL8-TR-01 “Technical requirements for subsea pipelines in-line inspection”*;
- Updated Pipeline technical data (refer to Section 3.1);
- Updated P&ID at PIG launcher / receiver (refer to Section 3.2);
- Updated Typical pig launcher / receiver drawing (refer to Section 3.3);
- Add Pigging Connection scheme for **12 inch oil pipeline MSP1 – BK2** (refer to Section 3.4);
- Add Duration of works (refer to Section 3.5);
- Additional technical requirements for ILI tool (refer to Section 3.6);
- Additional Requirements for reporting after ILI run (refer to Section 3.7).

For technical evaluation criteria refer to document *“OFSP-379-GP-PL8-TE-001_0_TECHNICAL EVALUATION CRITERIA FOR 12 INCH OIL PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN-LINE INSPECTION”*.

2. REFERENCES

[1]	VSP-NIPI-TYP-GP-PL8-TR-01	TECHNICAL REQUIREMENTS FOR SUBSEA PIPELINES IN-LINE INSPECTION
[2]	OFSP-379-GP-PL8-TE-001	TECHNICAL EVALUATION CRITERIA FOR 12 INCH OIL PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN-LINE INSPECTION
[3]	OFSP-096-OL-PL8-DW-001	TYPICAL 12” 300# PIG LAUNCHER / RECEIVER
[4]	OFSP-230-TS-PI1-LD-001	12 INCH PIG SKID - PIPING LAYOUT AND SUPPORT LOCATION DRAWINGS



[5]	-	MSP1 - 2024 IN-AIR 3-rd ANNUAL STRUCTURAL INSPECTION REPORT
[6]	-	BK2 - 2024 IN-AIR 3-rd ANNUAL STRUCTURAL INSPECTION REPORT
[7]	VSP-NIPI-TYP-GP-PL8-PR-02	TYPICAL PROGRAM FOR RISERS SURVEY_REV 2
[8]	-	RISER No. 11 AT MSP1 - 2025 IN-WATER BIENNIAL SURVEY REPORT
[9]	-	RISER No. 12 AT BK2 - 2025 IN-WATER BIENNIAL SURVEY REPORT
[10]	MSP1.BK7-193-TS-PR1-PID-003	PID for pig connection R4 and R11
[11]	MSP1.BK7-193-TS.MSP1-PI1-LD-005	12IN R11 OIL TO BK2 - PIPING LAYOUT DRAWING
[12]	MSP1.BK7-193-TS.MSP1-PI1-ISO-001.01	PIPING ISOMETRIC DRAWING LINE No. PL-BX1-12"-0919-N
[13]	MSP1.BK7-193-TS.MSP1-PI1-ISO-003.0917	PIPING ISOMETRIC DRAWING - LINE NO. PL-BX1-12-0917-N (1)
[14]	OFSP-358-TS.BK2-PR1-PID-001	PID for Modification and interconnection of Pig Receiver to Riser R-12 on BK2
[15]	BK2-106-TS-PI1-LD-001	PIPING LAYOUT AND SUPPORT LOCATION PLAN DRAWINGS
[16]	BK2-106-TS-PI1-ISO-001.01	PIPING ISOMETRIC DRAWING - LINE NO. CO-BX1-12-0924-N
[17]	BK2-106-TS-PI1-ISO-001.02	PIPING ISOMETRIC DRAWING - LINE NO. CO-BX1-12-0923-N
[18]	BK2-106-TS-PI1-ISO-001.03	PIPING ISOMETRIC DRAWING - LINE NO. CO-BC1-12-0925-N

3. ADDENDUM

This section lists changes in the applied typical documents, originating in Typical Engineering Documentation for any reason including those indicated in Table 1. These changes are identified in this Addendum to the applied typical document *VSP-NIPI-TYP-GP-PL8-TR-01 rev.1*





“Technical requirements for subsea pipelines in-line inspection”, identifying the document and section affected and the required change.

CONTRACTOR shall review the required changes in conjunction with the referenced document and project’s engineering documents.

The type of modification shall be defined and indicated in subsequent text as follows:

- “ADD” - Indicates the following statement(s) is/are added to the Company referenced text.
- “DELETE” - Indicates the following statement(s) is/are deleted from the Company referenced text.
- “REPLACE WITH” - Indicates the following statement(s) is/are revision(s) to the Company referenced text.

Table – 1: List of changes

SECTION	CURRENT STATEMENT OR REQUIREMENT	REVISED TO
Attachment 3 to VSP-NIPI-TYP-GP-PL8-TR-01 (rev.1)	Attachment 3 – PIPELINE TECHNICAL & FLUID DATA This attachment to be filled in for particular subsea pipeline subject for in-line inspection.	REPLACE WITH Section 3.1 of the current document
Attachment 2 to VSP-NIPI-TYP-GP-PL8-TR-01 (rev.1)	Attachment 2 – TYPICAL P&ID This attachment to be filled in for particular subsea pipeline subject for in-line inspection.	REPLACE WITH Section 3.2 of the current document
Attachment 1 to VSP-NIPI-TYP-GP-PL8-TR-01 (rev.1)	Attachment 1 TYPICAL PIG LAUNCHER / RECEIVER DRAWINGS	REPLACE WITH Section 3.3 of the current document
Section doesn't exist VSP-NIPI-TYP-GP-PL8-TR-01 (rev.1)	No current statement Details of pigging connection scheme for 12” oil pipeline MSP1 – BK2	ADD Details of pigging connection scheme for 12” oil pipeline MSP1 – BK2 as per Section 3.4 of the current document
Section doesn't exist VSP-NIPI-TYP-GP-PL8-TR-01 (rev.1)	No current statement Duration of works was not provided (was not available)	ADD Duration of works as per Section 3.5 of the current document





Section doesn't exist <i>VSP-NIPI-TYP-GP-PL8-TR-01 (rev.1)</i>	No current statement Additional technical requirements for ILI tool	ADD Additional technical requirements for ILI tool as per Section 3.6 of the current document
Section doesn't exist <i>VSP-NIPI-TYP-GP-PL8-TR-01 (rev.1)</i>	No current statement Additional Requirements for reporting after ILI run	ADD Additional Requirements for reporting after ILI run as per Section 3.7 of the current document

3.1 PIPELINE TECHNICAL DATA

Pipeline Name	MSP1 – BK2
GENERAL DATA	
Service Product	OIL
Design Flowrate	7500 ton/day
Internal Coatings	None
Length	~2124.74 m (from pig launcher to pig receiver) (from result ILI in 2021)
Design Pressure	40 barg
Maximum Operating Pressure	40 barg
Maximum Operating Temp	60°C
Minimum Bend Radius	1.5D
Content Density	800 kg/m ³
Pigging Medium	WATER
Pigging History	Pipeline was In-line Inspected in 2021. This is the second run after five (05) years
Year Installed	1989
PIPELINE	



Nominal outside diameter	323.9 mm
Nominal inside diameter	292.1 mm
Nominal Wall Thickness	15.9mm nominal Max. WT = 18.0mm (+12.5% of nominal for mill tolerance of the pipe)
Material Grade	St-20 (Russian Pipe Material) SMYS = 241.0 MPa SMTS = 415.0 MPa
Riser at MSP1 (Riser №11)	
Nominal outside diameter	323.9 mm
Nominal inside diameter	292.1 mm
Material Grade	St-20 (Russian Pipe Material)
Wall Thickness	15.9mm nominal Max. WT = 18.0mm (+12.5% of nominal for mill tolerance of the pipe)
Bends (elbows) at MSP1 (from PIG launcher / receiver to subsea pipeline)	
Number of bends (elbows)	11
Location of bends (elbows)	<ul style="list-style-type: none"> • 1 Bend 90°, 5D - close to seabed (max. WT=16.8mm) • 4 Elbows 90°, LR, 1.5D, - at EL.(+) 15.543 MSL (NEW - nominal WT = 15.9mm) • 4 Elbows 90°, LR, 1.5D, - at EL.(+) 20.000 MSL (NEW - nominal WT = 15.9mm) • 2 Elbows 90°, LR, 1.5D, - at EL.(+) 22.578 MSL (NEW - nominal WT = 15.9mm)
Nominal outside diameter	323.9mm (12 inch)
Nominal inside diameter	292.1 mm
Material Grade	ASTM A860 WPHY60, ASME B16.9
Wall Thickness	15.9mm



Tee-branches at MSP1 (from PIG launcher / receiver to subsea pipeline)	
Number of T-branch	5
Location of T-branch	<ul style="list-style-type: none"> • 1 Weldolet 12" x 2" – at EL. (+) 19.330 MSL • 2 Sockolets 12" x 3/4" – at EL. (+) 20.000 MSL • 1 Weldolet 12" x 2" – at EL. (+) 20.000 MSL • 1 bared Tee 12" x 8" S-XS x S-40 at EL. (+) 20.660 MSL
Reducer at MSP1 (from PIG launcher / receiver to subsea pipeline)	
Number of reducers	No
Location of reducer	No
Valves at MSP1 (from PIG launcher / receiver to subsea pipeline)	
Number of valves	4
Location of valve	<ul style="list-style-type: none"> • 1 SDV at EL. (+) 20.000 MSL; • 2 ball valve 12" full bore at EL. (+) 20.000 MSL; • 1 ball valve 12" full bore after PIG launcher / receiver;
Riser at BK2 (Riser №12)	
Nominal outside diameter	323.9 mm
Nominal inside diameter	292.1 mm
Material Grade	St-20 (Russian Pipe Material)
Wall Thickness	15.9mm nominal Max. WT = 18.0mm (+12.5% of nominal for mill tolerance of the pipe)
Bends (elbows) at BK2 (from PIG launcher / receiver to subsea pipeline)	
Number of bends (elbows)	8
Location of bends (elbows)	<ul style="list-style-type: none"> • 1 Bend 90°, 5D - close to seabed (max. WT=16.9mm) • 3 Elbow 90°, LR, 1.5D, - at EL.(+) 19.650 MSL (NEW - nominal WT = 15.9mm)



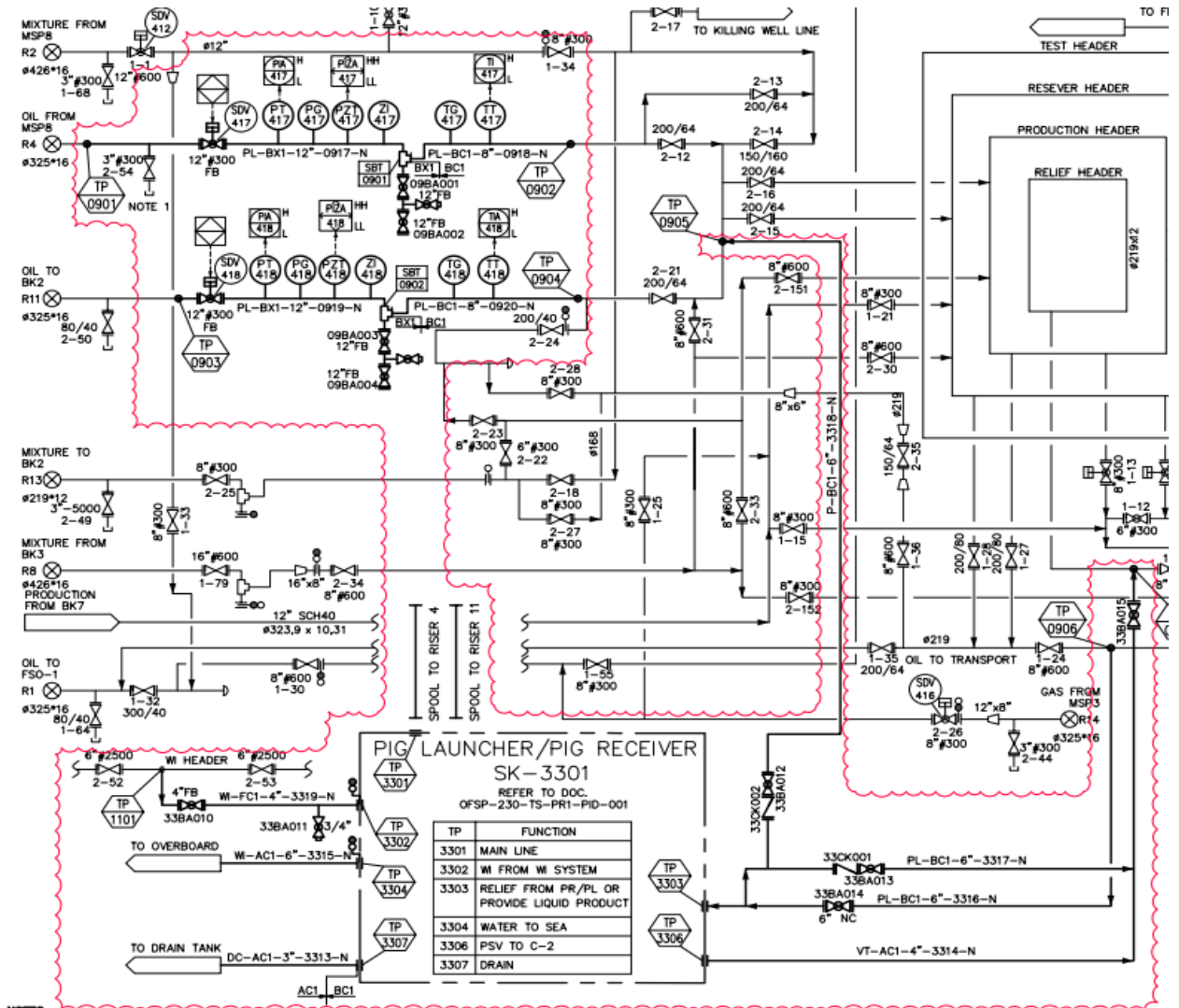
	<ul style="list-style-type: none"> 3 Elbow 90°, LR, 1.5D, - at EL.(+) 24.100 MSL (NEW - nominal WT = 15.9mm) 1 Elbow 90°, LR, 1.5D, - at EL.(+) 22.790 MSL (NEW - nominal WT = 15.9mm)
Nominal outside diameter	323.9mm (12 inch)
Nominal inside diameter	292.1 mm
Material Grade	ASTM A860 WPHY60, ASME B16.9
Wall Thickness	15.9 mm nominal
Tee-branches at BK2 (from PIG launcher / receiver to subsea pipeline)	
Number of T-branch	1
Location of T-branch	01 Equal 12" x 12" Bared Tee at EL.(+) 19.650 MSL
Reducer at BK2 (from PIG launcher / receiver to subsea pipeline)	
Number of reducers	No
Location of reducer	-
Valves at BK2 (from PIG launcher / receiver to subsea pipeline)	
Number of valves	4
Location of valve	<ul style="list-style-type: none"> 1 SDV at EL.(+) 19.650 MSL; 2 ball valve 12" at EL.(+) 19.650 MSL; 1 ball valve 12" full bore after PIG launcher / receiver; <p><u>Note:</u> All the SDV valve and ball valves are Full bore valve with ID = 292.1mm.</p>



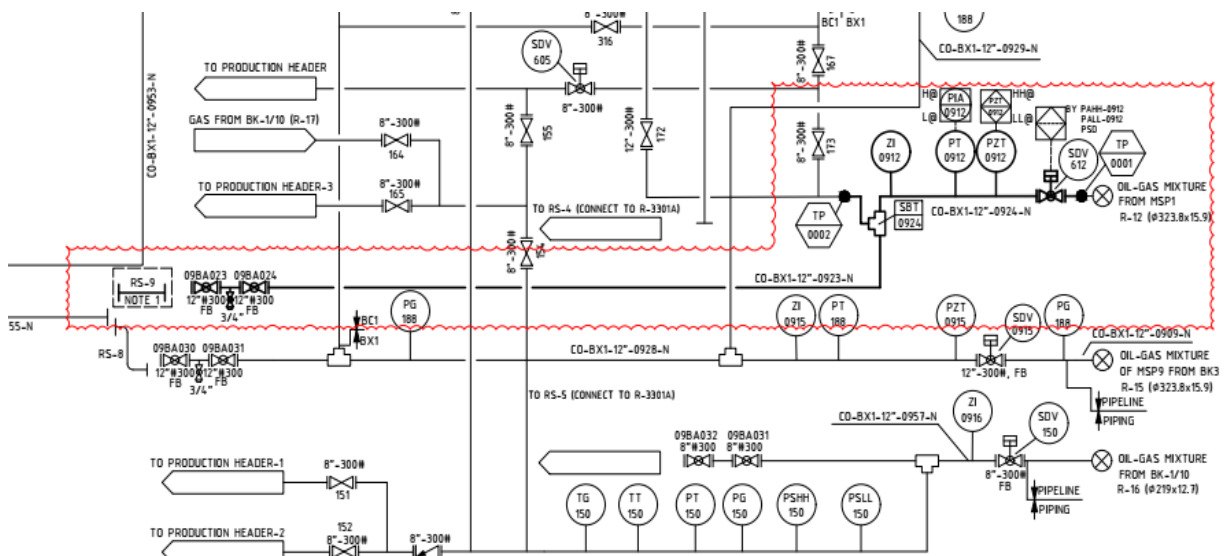


3.2 P&ID AT PIG LAUNCHER / RECEIVER

3.2.1 P&ID at PIG Launcher / Receiver at MSP1

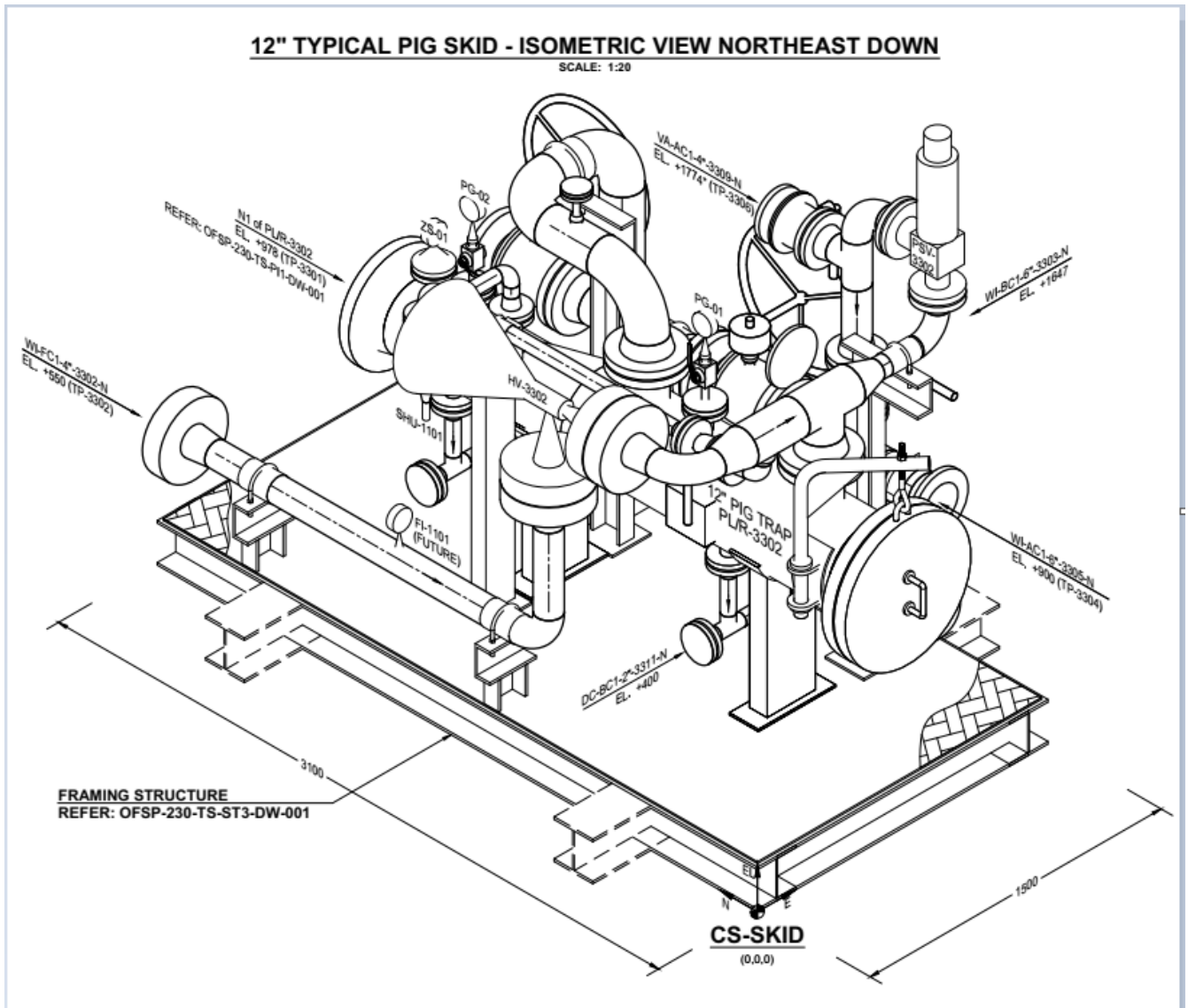


3.2.2 P&ID at PIG Launcher / Receiver at BK2



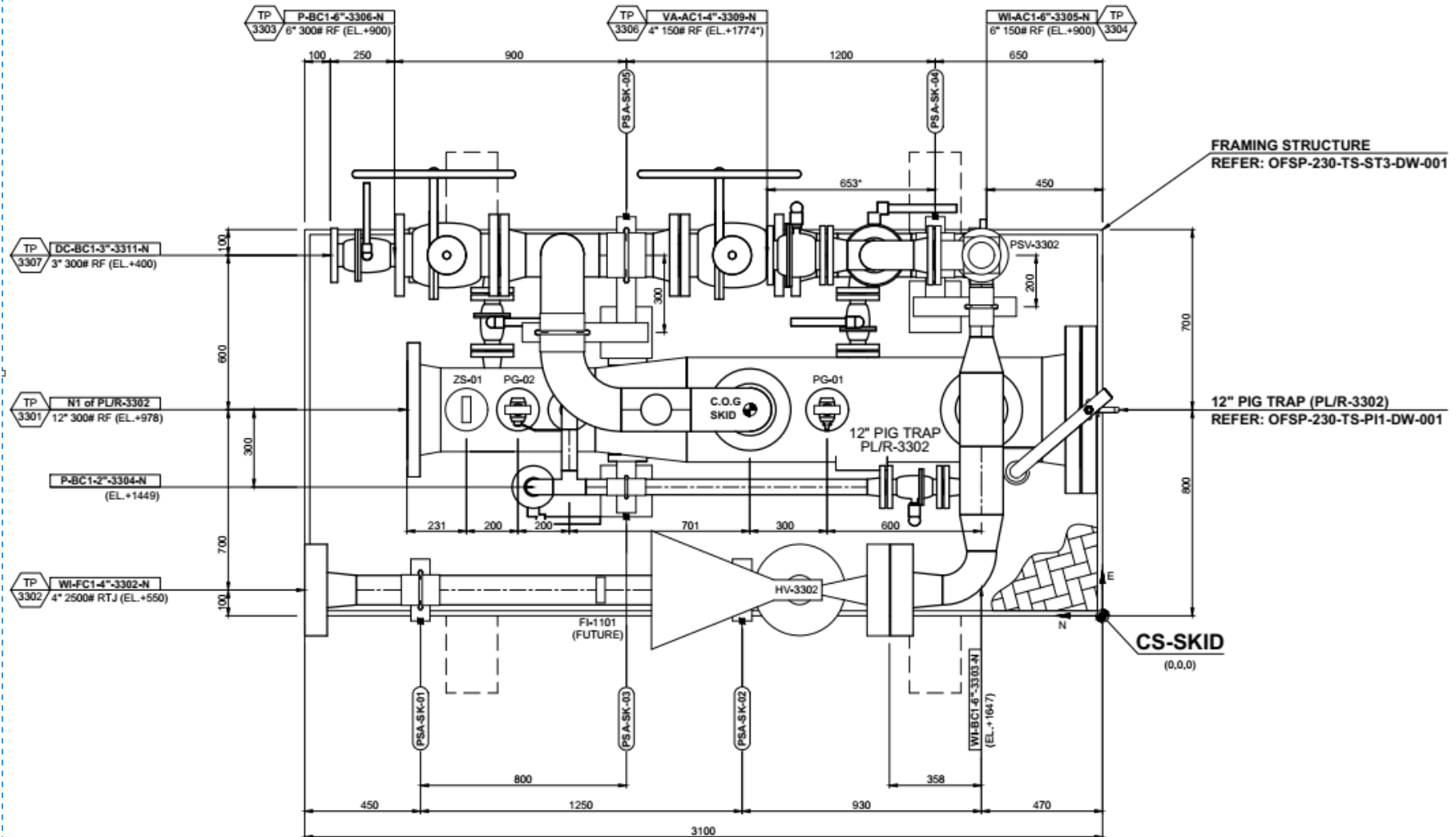


3.3 PIG LAUNCHER / RECEIVER DRAWING



12" TYPICAL PIG SKID - PLAN VIEW

SCALE: 1:20





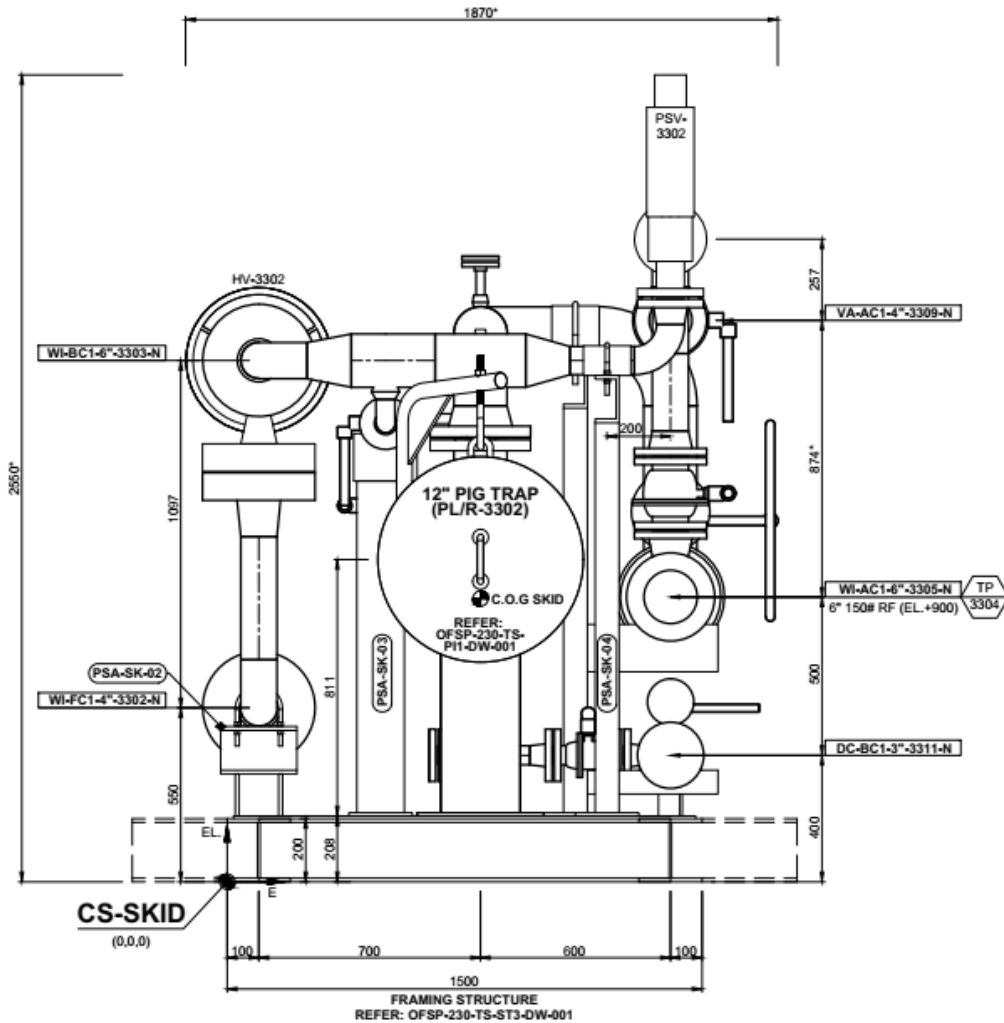
IN LINE INSPECTION OF 3 PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN 2026
TECHNICAL REQUIREMENTS FOR 12 INCH OIL PIPELINES MSP1-BK2 IN-LINE INSPECTION

OFSP-379-GP-PL8-TR-001

Rev.	1	Page	13 of 27
------	---	------	----------

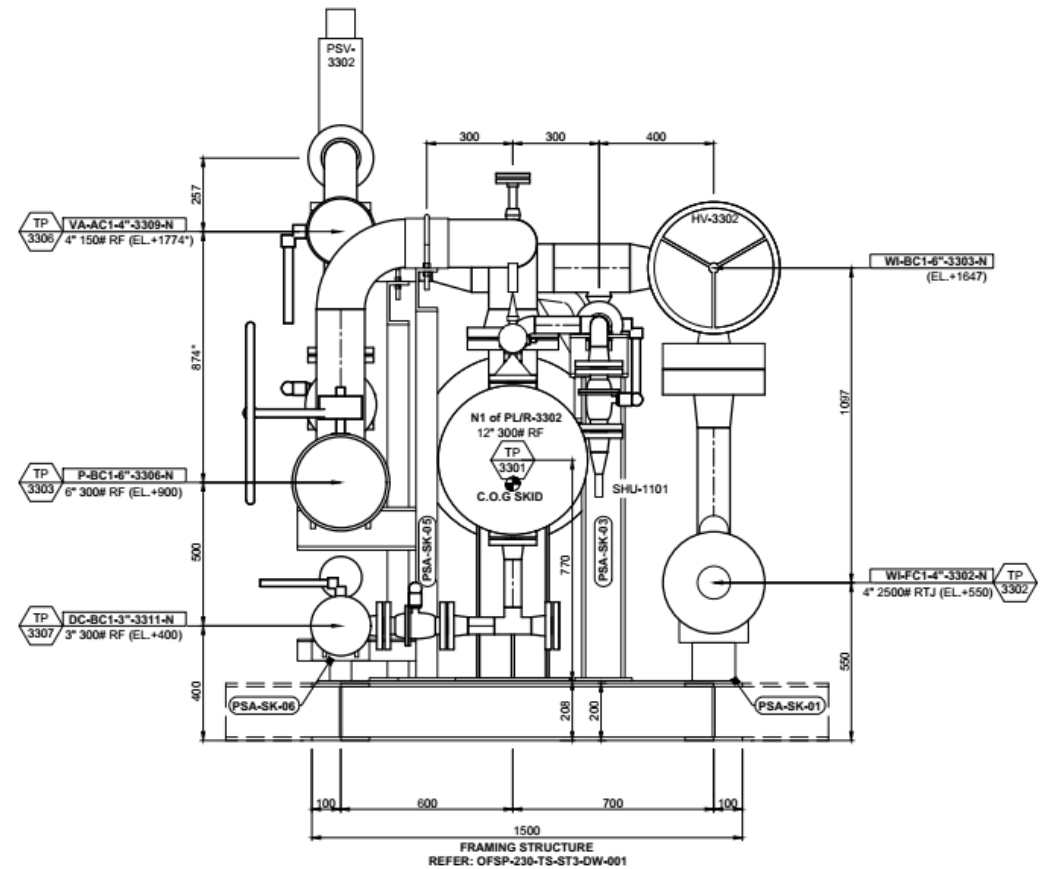
12" TYPICAL PIG SKID - LOOKING NORTH

SCALE: 1:20



12" TYPICAL PIG SKID - LOOKING SOUTH

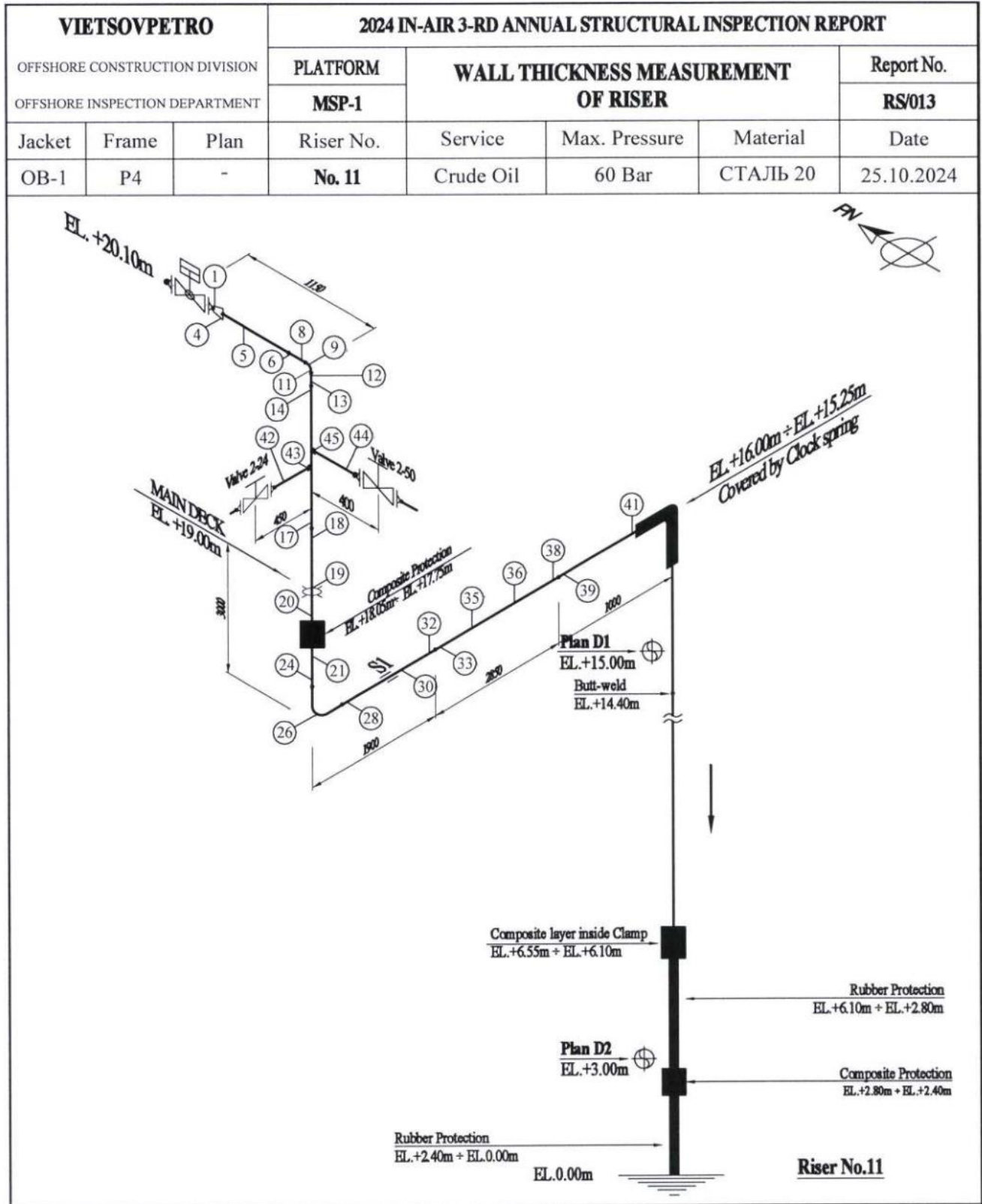
SCALE: 1:20





3.4 PIGGING CONNECTION SCHEME

3.4.1 Pigging Connection Scheme on MSP1

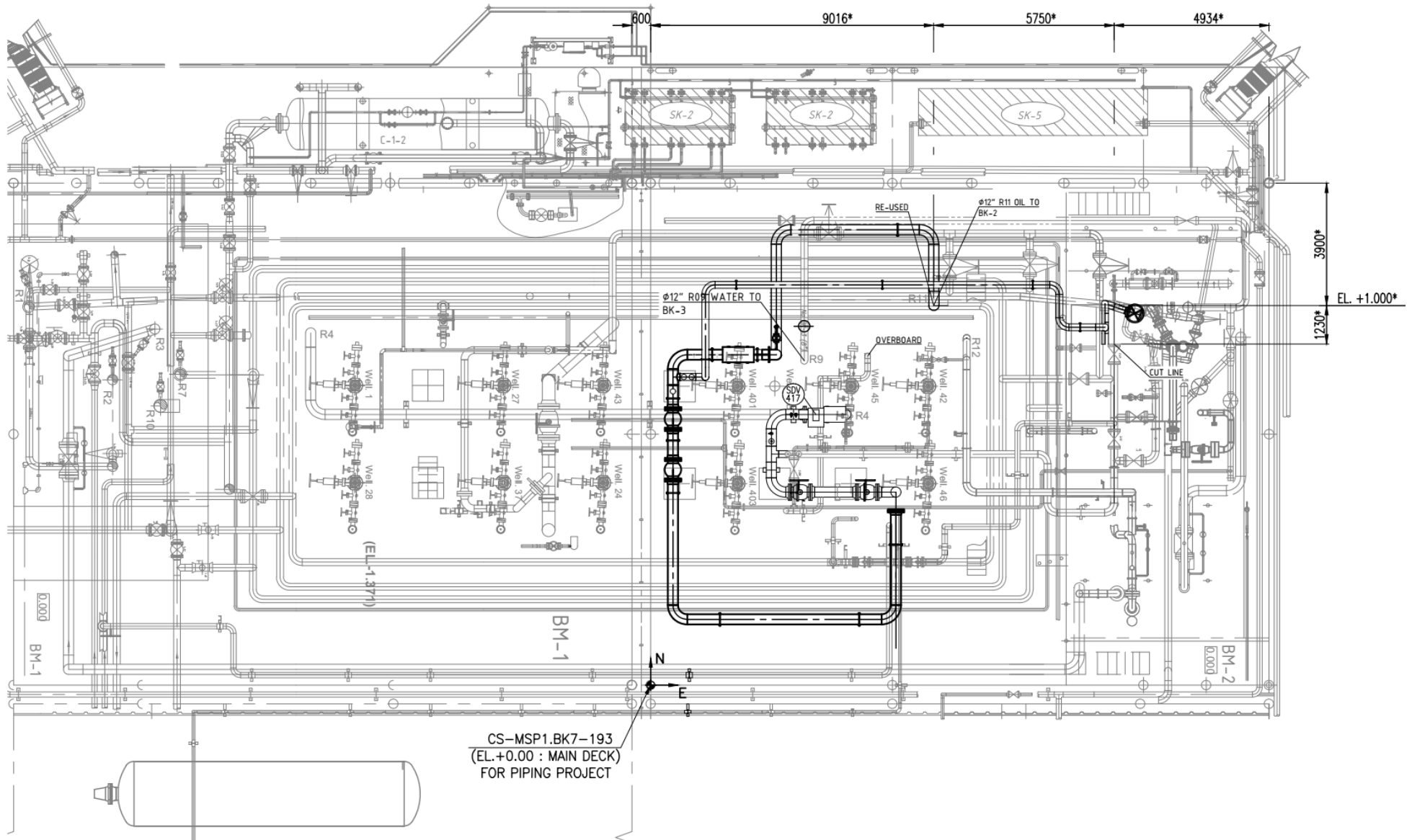


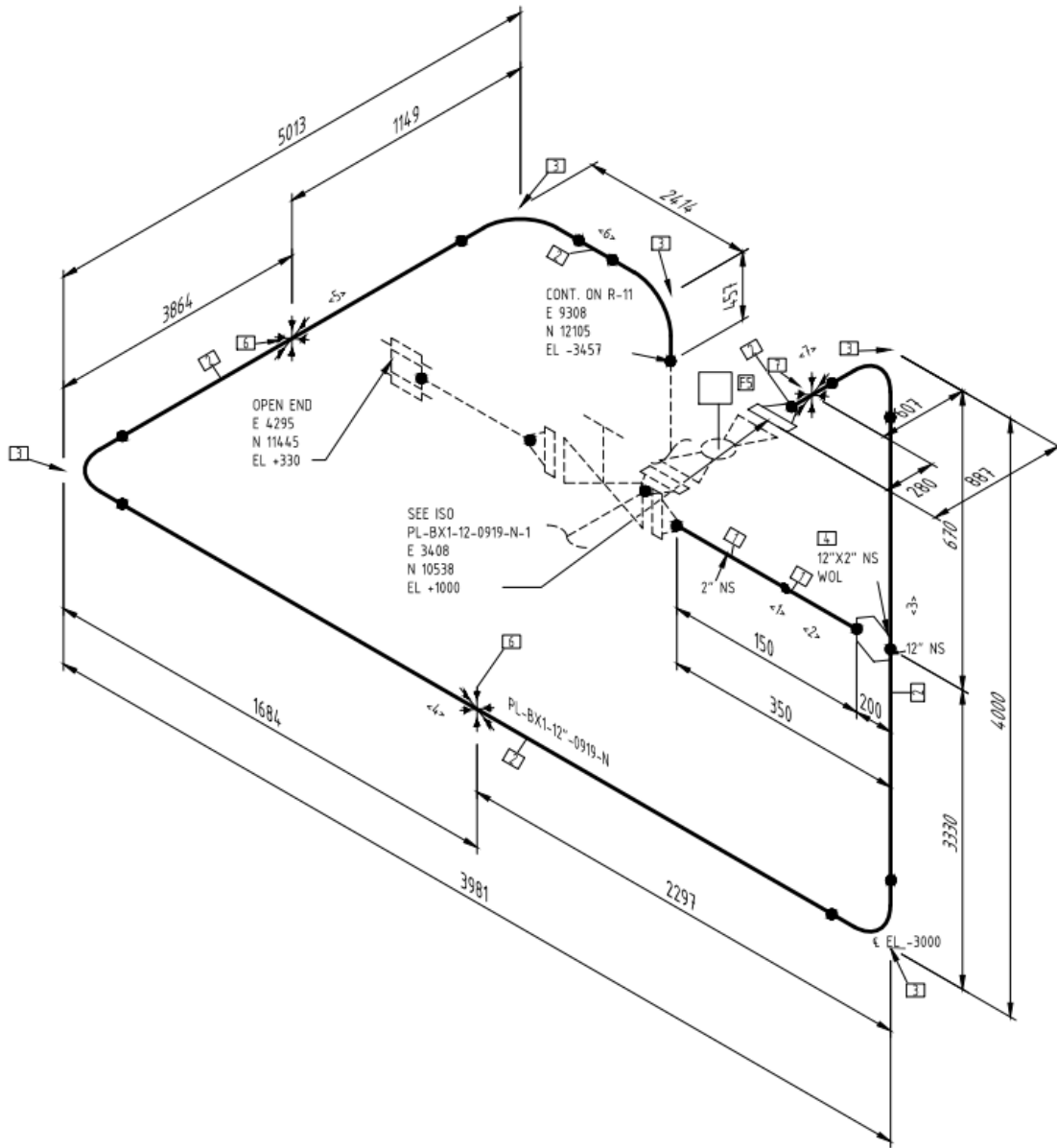


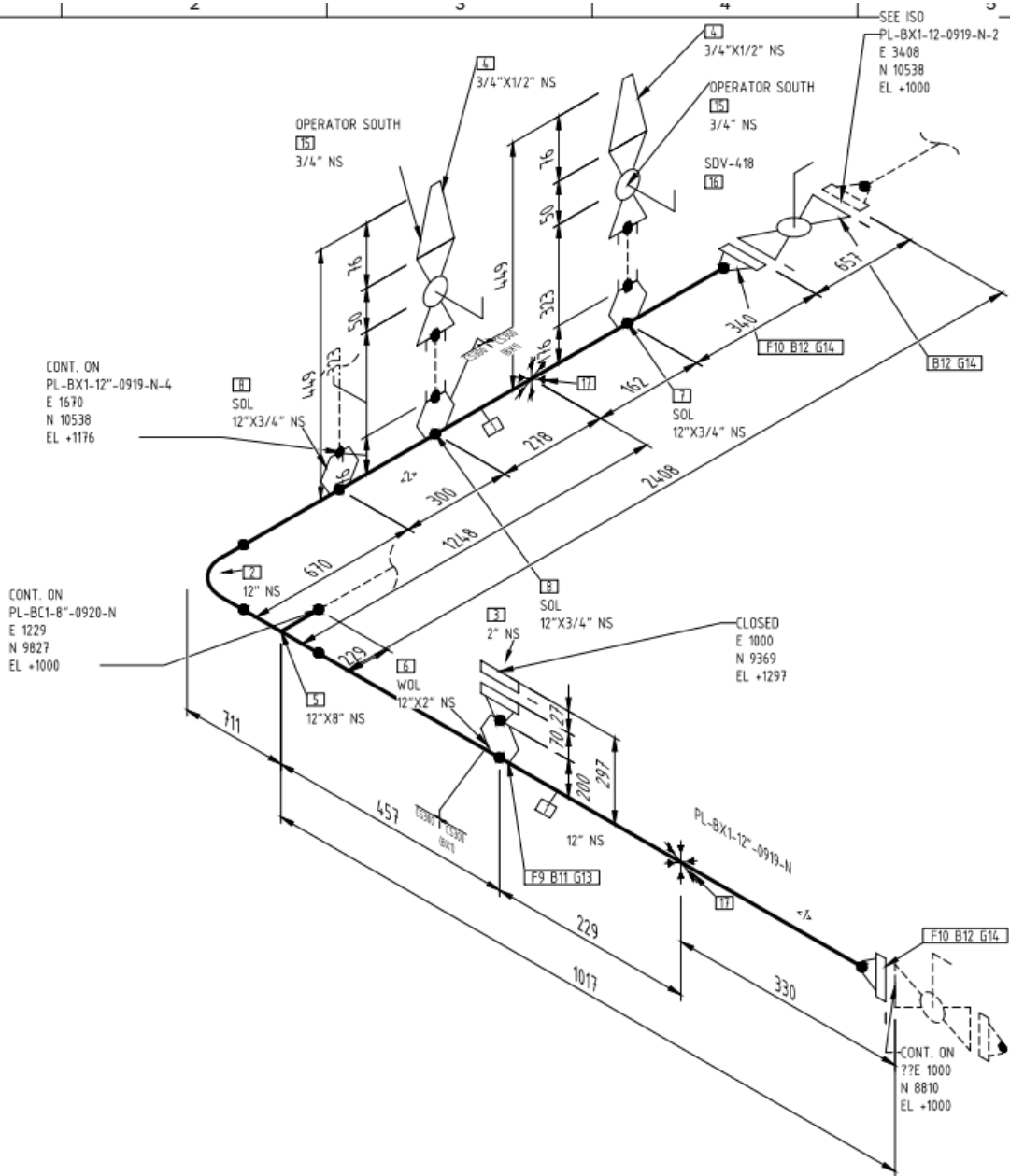
IN LINE INSPECTION OF 3 PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN 2026
TECHNICAL REQUIREMENTS FOR 12 INCH OIL PIPELINES MSP1-BK2 IN-LINE INSPECTION

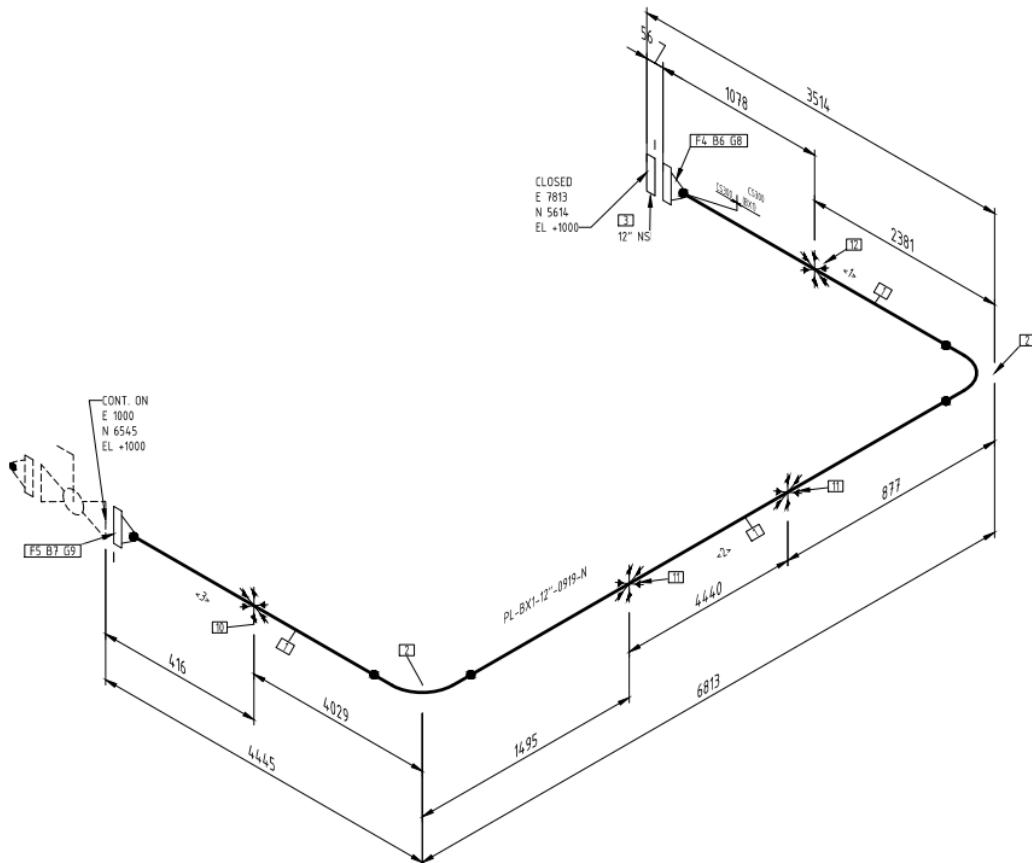
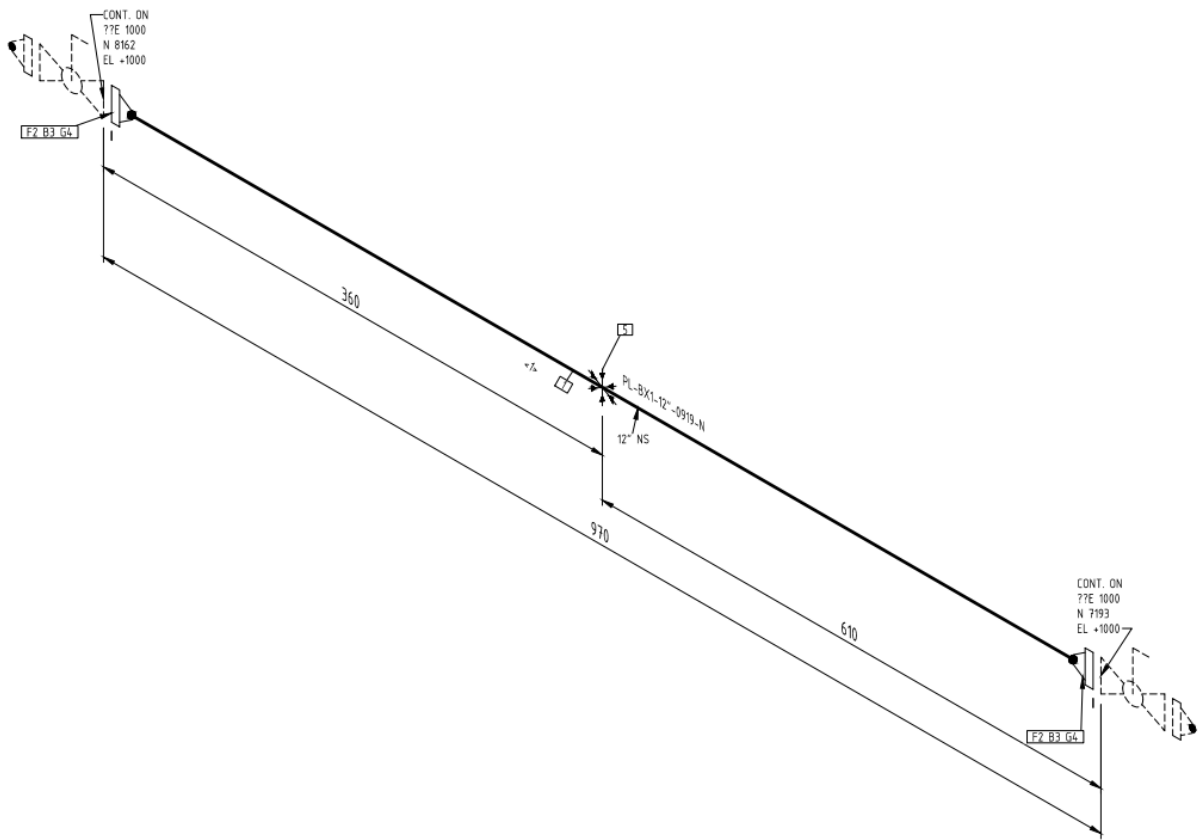
OFSP-379-GP-PL8-TR-001

Rev.	1	Page	15 of 27
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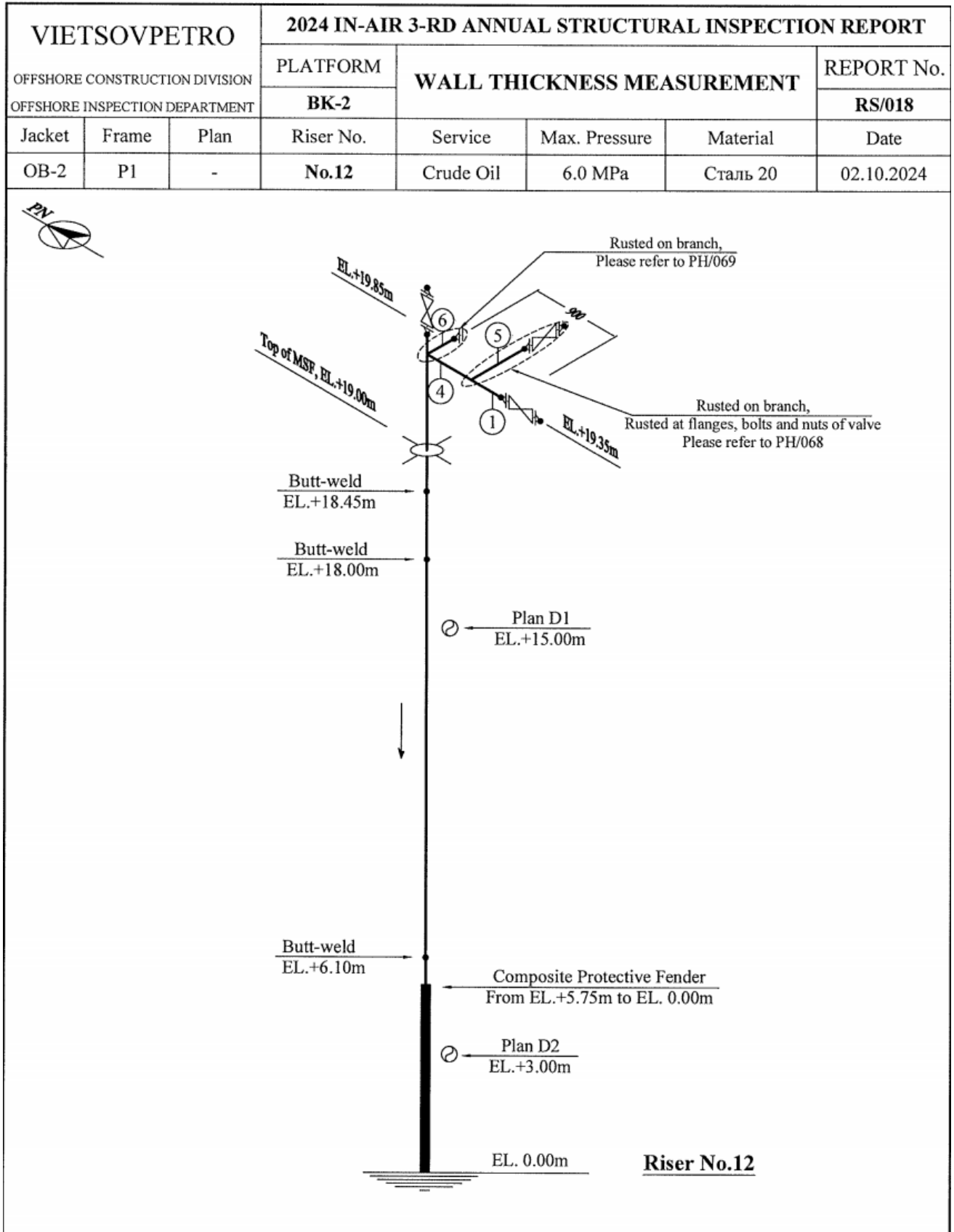








3.4.2 Pigging Connection Scheme on BK2



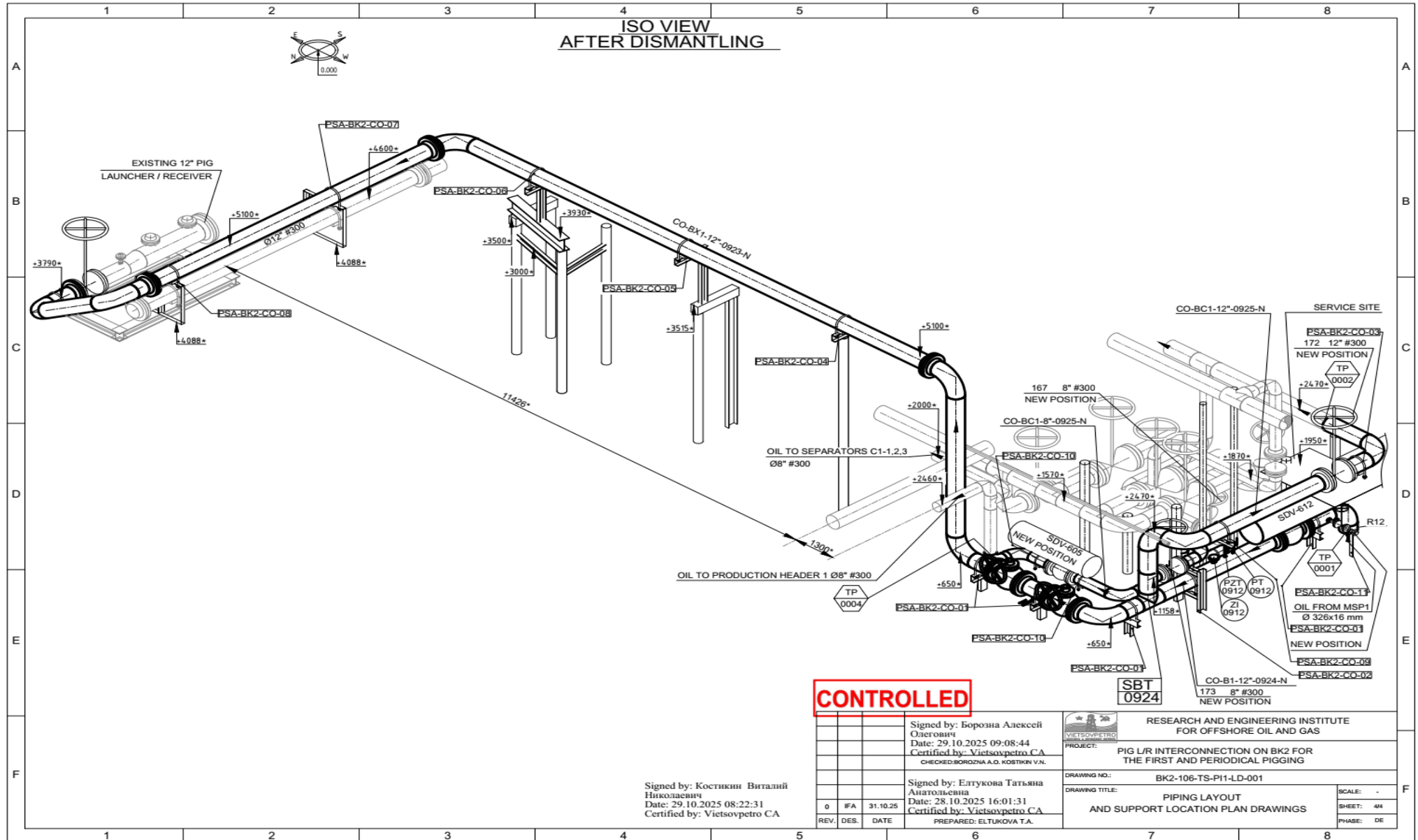
Riser No.12



IN LINE INSPECTION OF 3 PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN 2026
TECHNICAL REQUIREMENTS FOR 12 INCH OIL PIPELINES MSP1-BK2 IN-LINE INSPECTION

OFSP-379-GP-PL8-TR-001

Rev. 1 Page 20 of 27





3.5 DURATION OF WORKS

- Preliminary works (including kick-off meeting, procedures preparation, risk assessment, mobilization of tools & equipment, mobilization of personnel to Vietnam & Offshore) – **60 calendar days**;
- Field works (including pre ILI cleaning runs, gauging runs, caliper run, ILI tool run, data quality check, etc.) – **10 calendar days**;
- Reporting:
 - Preliminary inspection report - **15 calendar days**;
 - Final inspection report - **45 calendar days**.

3.6 ADDITIONAL TECHNICAL REQUIREMENTS FOR ILI TOOL

Requirements for Contractors Participating in the Tender:

- **Number of available ILI Tools:**
 - The contractor must specify the exact number of available inline inspection (ILI) tools, including types such as UT, MFL, Caliper, and others – **Owned and Leased**.
 - These information must be clearly presented in the technical documentation of the bidding dossier.
 - The number of available ILI tools will be one of the criteria for evaluating the contractor's qualifications during the bidding process.
- **Requirement for ILI tool performance specification:**

The performance specifications for In-Line Inspection (ILI) tool should comply with the **Pipelines Operators Forum document** (version 2016, Specifications and requirements for intelligent pig inspection of pipelines) with regards to the format of tables and the terminology used.

3.7 REQUIREMENTS FOR REPORTING AFTER ILI RUN

Requirements for Contractors Participating in the Tender for reporting:


3.7.1 Preliminary Report Requirements

In addition to the inspection data, data quality, parameters during the ILI run, the preliminary report should also include:

- The minimum wall thickness allowable for these pipelines is 7.0mm, ref [6]. Statistics of all defects with remaining wall thickness less than 7.0mm must be compiled in a detailed spreadsheet;
- Defects should be classified and presented in two formats: Single Defects and Clusters;
- Defect Classification Standards: Clearly state the standards and criteria used to classify defects as single or cluster as per ASME B31G and DNVGL-RP-F101 standard.
- Standard for Defects Assessment: Remaining Strength, Estimated Repair Factor (ERF) should adhere to the guidelines outlined in ASME B31G and DNVGL-RP-F101.

3.7.2 Final Report Requirements

- Compile statistics of all defects detected by ILI tools, including all types of defects specified in the tool's specifications (no limit on the number of defects, include all corrosion defects with metal loss of more than 10% of the pipe wall thickness).
- Defect assessments were calculated according to ASME B31G and DNVGL-RP-F101.
- Provide all defect information in two formats: single defects and clusters.

	IN LINE INSPECTION OF 3 PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN 2026 TECHNICAL REQUIREMENTS FOR 12 INCH OIL PIPELINES MSP1-BK2 IN-LINE INSPECTION		OFSP-379-GP-PL8-TR-001	
	Rev.	1	Page	22 of 27

APPENDIX 1: RESULTS OF CLEANING RUN IN 2021





IN LINE INSPECTION OF 3 PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN 2026
TECHNICAL REQUIREMENTS FOR 12 INCH OIL PIPELINES MSP1-BK2 IN-LINE INSPECTION

OFSP-379-GP-PL8-TR-001

Rev.	1	Page	23 of 27
------	---	------	----------

No.	Date	Type of pig	Diameter	From	To	Run duration	Flow rateMSP 1	VpumpB K2	Pmin-max at	Pmin-max at	Pig status at receiver	Wax at PR	Note
			Actual											h	m3/h	m3	bar	bar	kg
1	31/10/2021	12"MB medium-density bare foam pig	12"	MSP-1	BK-2	80	120	157	0.9-14.2	14,2	ok	60	deposit
2	01/11/2021	10.6" GHS grey hard scale pig	10.6"	MSP-1	BK-2	85	115	159	0.7-12.4	12,5	ok	3	deposit + soft wax
3	01/11/2021	12"MB medium-density bare foam pig	12"	MSP-1	BK-2	80	120	163	0.8-17.3	17,3	ok	4	soft wax
4	01/11/2021	11.5" TW total-wire wirebrush foam pig	11.5"	MSP-1	BK-2	95	105-115	163	0.17-15.29	16,2	ok	7	tool (L=40cm,d=20m
5	02/11/2021	12" FDP8 heavy-density foam disc pig	12"	MSP-1	BK-2	85	122	166	1.03-22.9	22,9	ok	30	soft wax
6	02/11/2021	11.5" TW total-wire wirebrush foam pig	11.5"	MSP-1	BK-2	80	124	176	0.3-18.0	18	ok	6	soft wax
7	02/11/2021	12" GHS grey hard scale pig	12"	MSP-1	BK-2	80	128-138	172	0.4-12.1	12,1	ok	1	soft wax
8	02/11/2021	12" FDP8 heavy-density foam disc pig	12"	MSP-1	BK-2	90	117	170	0.56-17.9	17,9	ok	40	soft wax
9	02/11/2021	11.5" TW total-wire wirebrush foam pig	11.5"	MSP-1	BK-2	95	120	177	0.25-0.62	0,62	ok	1	soft wax
10	02/11/2021	12" GHS grey hard scale pig	12"	MSP-1	BK-2	90	118	173	0.60-1.49	1,49	ok	5	soft wax
11	02/11/2021	12" FDP8 heavy-density foam disc pig	12"	MSP-1	BK-2	90	118	171	0.55-1.05	1,05	ok	20	soft wax
12	03/11/2021	12"UFDP solid cast urethane flex-i disc pig	12"	MSP-1	BK-2	90	120	172	1.45-37	37	ok	40	hard wax
13	03/11/2021	12"UFDP solid cast urethane flex-i disc pig	12"	MSP-1	BK-2	90	122	174	1.76-3.34	3,34	ok	60	hard wax
14	03/11/2021	11.5" TW total-wire wirebrush foam pig	11.5"	MSP-1	BK-2	90	117-124	180	0.55-5.31	5,31	damaged	-	-
15	03/11/2021	12"UFDP solid cast urethane flex-i disc pig	12"	MSP-1	BK-2	95	117	174	1.36-5.31	2,12	ok	30	hard wax
16	03/11/2021	12"UFDP solid cast urethane flex-i disc pig	12"	MSP-1	BK-2	90	115	173	1.17-1.67	1,67	ok	10	hard wax
17	04/11/2021	11.5" TW total-wire wirebrush foam pig	11.5"	MSP-1	BK-2	95	116-120	180	0.7-2.36	2,36	ok	0,5	hard wax
18	04/11/2021	12" GHS grey hard scale pig	12"	MSP-1	BK-2	95	122	175	0.9-3.81	3,81	ok	-	-
19	04/11/2021	12" GHS grey hard scale pig	12"	MSP-1	BK-2	95	122	172	1.2-3.01	3,01	ok	-	-
20	04/11/2021	Polyurethan pig 325 - BIDI pig		MSP-1	BK-2	85	120-123	172	0.5-1.78	1,78	ok	10	hard wax
21	04/11/2021	12" FDP8 heavy-density foam disc pig	12"	MSP-1	BK-2	90	116-120	172	0.5-1.55	1,55	ok	0,5	hard wax
22	04/11/2021	11.5" TW total-wire wirebrush foam pig	11.5"	MSP-1	BK-2	90	116-123	173	0.2-1.24	1,24	ok	-	-
23	04/11/2021	High-density Poly Brush pig 325	325	MSP-1	BK-2	85	123	175	0.7-1.14	1,14	ok	-	-
24	04/11/2021	12"UFDP solid cast urethane flex-i disc pig	12"	MSP-1	BK-2	90	120	171	1.2-3.13	3,13	ok	10	hard wax
25	05/11/2021	12"UFDP solid cast urethane flex-i disc pig	12"	MSP-1	BK-2	85	122	172	1.5-3.54	3,54	ok	3	hard wax
26	05/11/2021	12"UFDP solid cast urethane flex-i disc pig	12"	MSP-1	BK-2	95	116	172	1.8-2.48	2,48	ok	2,5	hard wax
27	05/11/2021	12" GHS grey hard scale pig	12"	MSP-1	BK-2	100	116	174	1.8-3.03	3,03	ok	-	-
28	05/11/2021	12"UFDP solid cast urethane flex-i disc pig	12"	MSP-1	BK-2	95	116	174	0.8 - 1.91	1,91	ok	2	hard wax



IN LINE INSPECTION OF 3 PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN 2026
TECHNICAL REQUIREMENTS FOR 12 INCH OIL PIPELINES MSP1-BK2 IN-LINE INSPECTION

OFSP-379-GP-PL8-TR-001

Rev.	1	Page	25 of 27
------	---	------	----------

60	12/12/2021	MDB Multi Disc Bi-Directional Brush Pig (GD11.60" modified X, 4 sealing, 2GD)	GD 11.60"	MSP-1	BK-2	60	155	161		3,5	OK	12	Wax "chip"
61	13/12/2021	MDB Multi Disc Bi-Directional Brush Pig (GD11.60" modified, 3 sealing, 2 GD)	GD 11.60"	MSP-1	BK-2	70	170	161		4,8	OK	0	
62	13/12/2021	MDB Multi Disc Bi-Directional Brush Pig (GD11.60" modified, 2 sealing, 2 GD)	GD 11.60"	MSP-1	BK-2	75	170	169		4,8	OK	0	
63	13/12/2021	MDB Multi Disc Bi-Directional Brush Pig (GD11.60" modified 6X, 2 sealing, 2 GD, 2 brush)	GD 11.60"	MSP-1	BK-2	55	165	173		4,2	OK	0	
64	13/12/2021	12" GHS grey hard scale pig	12"	MSP-1	BK-2	65	165	242		4,9	OK	0	
65	13/12/2021	12" GHS grey hard scale pig	12"	MSP-1	BK-2	65	165			5,4	OK	0	
66	13/12/2021	12" GHS grey hard scale pig	12"	MSP-1	BK-2	70	165			3,7	OK	0	
67	13/12/2021	12" GHS grey hard scale pig	12"	MSP-1	BK-2	60	165			3,4	OK	0,2	
68	13/12/2021	MDB Multi Disc Bi-Directional Brush Pig (GD11.60" modified X, 4 sealing, 2GD)	GD 11.60"	BK-2	MSP-1	140	162	675		8,4	OK	0	
69	13/12/2021	12" GHS grey hard scale pig	12"	BK-2	MSP-1	125	172				OK	0	
70	13/12/2021	MDB Multi Disc Bi-Directional Brush Pig (GD11.60" modified X, 4 sealing, 2GD)	GD 11.60"	BK-2	MSP-1	125	164				OK	0	
71	13/12/2021	12" GHS grey hard scale pig	12"	BK-2	MSP-1	120	170				OK	0	
72	13/12/2021	MDB Multi Disc Bi-Directional Brush Pig (GD11.60" modified, 2 sealing, 2 GD)	GD 11.60"	BK-2	MSP-1	100	163				OK	0	
73	13/12/2021	12" GHS grey hard scale pig	12"	BK-2	MSP-1	85	171				OK	0	
74	13/12/2021	MDB Multi Disc Bi-Directional Brush Pig (GD11.60" modified X, 3 sealing, 2GD)	GD 11.60"	BK-2	MSP-1	75	164				OK	0	
75	13/12/2021	12" GHS grey hard scale pig	12"	BK-2	MSP-1	85	170				OK	0	
76	13/12/2021	12" GHS grey hard scale pig	12"	BK-2	MSP-1	80	173				OK	0,5	Wax "chip"
77	14/12/2021	12" GHS grey hard scale pig	12"	MSP-1	BK-2	75	160	385		7,16	OK	0	
78	14/12/2021	12" GHS grey hard scale pig	12"	MSP-1	BK-2	75					OK	0	
79	14/12/2021	MDB Multi Disc Bi-Directional Brush Pig (GD11.60" modified X, 4 sealing, 2GD)	GD 11.60"	MSP-1	BK-2	75					OK	0	
80	14/12/2021	12" GHS grey hard scale pig	12"	MSP-1	BK-2	95					OK	0	
81	14/12/2021	12" GHS grey hard scale pig	12"	MSP-1	BK-2	70					OK	0	
82	14/12/2021	MDB Multi Disc Bi-Directional Brush Pig (GD11.60" modified X, 4 sealing, 2GD)	GD 11.60"	MSP-1	BK-2	65					OK	0	
83	14/12/2021	12" GHS grey hard scale pig	12"	MSP-1	BK-2	70	160	194		7,65	OK	0	
84	14/12/2021	12" GHS grey hard scale pig	12"	MSP-1	BK-2	70					OK	0	
85	14/12/2021	MDB Multi Disc Bi-Directional Brush Pig (GD11.60" modified X, 3 sealing, 2GD)	GD 11.60"	MSP-1	BK-2	70					OK	0	
86	14/12/2021	12" GHS grey hard scale pig	12"	MSP-1	BK-2	75					OK	0	
87	14/12/2021	12" GHS grey hard scale pig	12"	MSP-1	BK-2	70					OK	0	
88	14/12/2021	MDB Multi Disc Bi-Directional Brush Pig (GD11.60" modified X, 2 sealing, 2GD)	GD 11.60"	MSP-1	BK-2	75					OK	0	
89	14/12/2021	12.75" UFDP solid cast urethane flex-i disc pig (modified OD=300mm)	OD 300mm	MSP-1	BK-2	130	120	198		186	OK	0	
90	14/12/2021	The Invista™ Inspection tool ("умный" поршень) #1		MSP-1	BK-2	85					OK	0	





IN LINE INSPECTION OF 3 PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN 2026
TECHNICAL REQUIREMENTS FOR 12 INCH OIL PIPELINES MSP1-BK2 IN-LINE INSPECTION

OFSP-379-GP-PL8-TR-001

Rev.	1	Page	26 of 27
------	---	------	----------

91	15/12/2021	12.75"UFDP solid cast urethane flex-i disc pig	12.75"	MSP-1	MSP-1	85	130-140	290		4,1	OK	0	
92	15/12/2021	12" GHS grey hard scale pig	12"	MSP-1	MSP-1	75					OK	0	
93	15/12/2021	12" GHS grey hard scale pig	12"	MSP-1	MSP-1	70					OK	0	
94	15/12/2021	12" GHS grey hard scale pig	12"	BK-2	MSP-1	65					Broken	0	
95	15/12/2021	12" GHS grey hard scale pig	12"	BK-2	MSP-1	60					Broken	0	
96	15/12/2021	MDB Multi Disc Bi-Directional Brush Pig (GD11.60" modified X_4 sealing_2GD)	GD 11.60"	BK-2	MSP-1	55					OK	0	
97	15/12/2021	MDB Multi Disc Bi-Directional Brush Pig (GD11.60" modified X_4 sealing_2GD)	GD 11.60"	BK-2	BK-2	180	130-160	430		7,81	OK	0	
98	15/12/2021	12" GHS grey hard scale pig	12"	BK-2	BK-2	135					OK	0	
99	15/12/2021	12" GHS grey hard scale pig	12"	BK-2	BK-2	120					OK	0	
100	15/12/2021	12" GHS grey hard scale pig	12"	BK-2	BK-2	105					OK	0	
101	15/12/2021	12.75"UFDP solid cast urethane flex-i disc pig	12.75"	MSP-1	MSP-1	135					OK	0	
102	15/12/2021	12" GHS grey hard scale pig	12"	MSP-1	MSP-1	135					OK	0	
103	15/12/2021	12" GHS grey hard scale pig	12"	MSP-1	MSP-1	125					OK	0	
104	15/12/2021	12" GHS grey hard scale pig	12"	MSP-1	MSP-1	120					OK	0	
105	16/12/2021	MDB Multi Disc Bi-Directional Brush Pig (GD11.60" modified X_4 sealing_2GD)	GD 11.60"	MSP-1	BK-2	75	120-125	270		11,04	OK	0	
106	16/12/2021	12.75"UFDP solid cast urethane flex-i disc pig (modified OD=300mm)	OD 300	MSP-1	BK-2	80					OK	0	
107	16/12/2021	12.75"UFDP solid cast urethane flex-i disc pig	12.75"	MSP-1	BK-2	80					OK	0	
108	16/12/2021	12" FDP8 heavy-density foam disc pig	12"	MSP-1	BK-2	75	120	250		13,24	OK	0	
109	16/12/2021	The Invista™ Inspection tool ("умный" поршень) #2		MSP-1	BK-2	80					OK	0	
110	17/12/2021	12" GHS grey hard scale pig		MSP-1	BK-2								
111	17/12/2021	12" GHS grey hard scale pig		MSP-1	BK-2								
112	17/12/2021	12" GHS grey hard scale pig		MSP-1	BK-2								
113	17/12/2021	12" GHS grey hard scale pig		MSP-1	BK-2								
114	17/12/2021	12" GHS grey hard scale pig		MSP-1	BK-2								
115	17/12/2021	12" GHS grey hard scale pig		MSP-1	BK-2								
116	17/12/2021	Modified BIDI with brush		MSP-1	BK-2								
117	17/12/2021	Modified BIDI with brush		MSP-1	BK-2								
118	17/12/2021	Modified BIDI no brush		MSP-1	BK-2								
119	17/12/2021	Modified BIDI no brush		MSP-1	BK-2								
120	17/12/2021	Modified BIDI no brush		MSP-1	BK-2								
121	17/12/2021	Modified UFDP		MSP-1	BK-2								



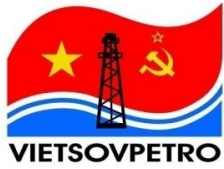
IN LINE INSPECTION OF 3 PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN 2026
TECHNICAL REQUIREMENTS FOR 12 INCH OIL PIPELINES MSP1-BK2 IN-LINE INSPECTION

OFSP-379-GP-PL8-TR-001

Rev. 1 Page 27 of 27

122	17/12/2021	Modified UFDP		MSP-1	BK-2								
123	17/12/2021	Modified BIDI no brush		MSP-1	BK-2								
124	18/12/2021	Modified UFDP		MSP-1	BK-2								
125	18/12/2021	Modified UFDP		MSP-1	BK-2								
126	18/12/2021	Modified UFDP		MSP-1	BK-2								
127	18/12/2021	Modified UFDP		MSP-1	BK-2								
128	18/12/2021	IP InVista		MSP-1	BK-2								





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PROJECT NAME : IN LINE INSPECTION OF 3 PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN 2026

DOCUMENT TITLE : TECHNICAL REQUIREMENTS FOR 12 INCH OIL PIPELINES MSP1-MSP8 IN-LINE INSPECTION

DOCUMENT No. : OFSP-379-GP-PL8-TR-002

PHASE : BIDDING

TABLE OF CONTENTS

1. INTRODUCTION AND SCOPE OF THIS DOCUMENT 3

2. REFERENCES 3

3. ADDENDUM 4

3.1. PIPELINE TECHNICAL DATA 6

3.2. P&ID AT PIG LAUNCHER / RECEIVER 10

 3.2.1. P&ID at PIG Launcher / Receiver at MSP1 10

 3.2.2. P&ID at PIG Launcher / Receiver at MSP8 11

3.3. PIG LAUNCHER / RECEIVER DRAWING 12

3.4. PIGGING CONNECTION SCHEME 18

 3.4.1. Pigging Connection Scheme on MSP1 18

 3.4.2. Pigging Connection Scheme on MSP8 20

3.5. DURATION OF WORKS 23

3.6. ADDITIONAL TECHNICAL REQUIREMENTS FOR ILI TOOL 23

3.7. REQUIREMENTS FOR REPORTING AFTER ILI RUN 23

 3.7.1. Preliminary Report Requirements 23

 3.7.2. Final Report Requirements 23



1. INTRODUCTION AND SCOPE OF THIS DOCUMENT

This document describes technical requirements for In-line Inspection (ILI) - intelligent pigging survey of 12 inch oil subsea pipeline **MSP1 – MSP8**

Typical Engineering Documentation **VSP-NIPI-TYP-GP-PL8-TR-01 rev.1** will be applied for this project. For any information related to technical requirements such as scope of work, in-line inspection requirements, qualification requirements, project responsibilities, reporting, etc., refer to typical document **VSP-NIPI-TYP-GP-PL8-TR-01 rev.1** “*Technical requirements for subsea pipelines in-line inspection*”.

This document comprises the information for particular **12 inch oil pipeline MSP1 – MSP8** to be in-line inspected as follows:

- Updated info as per attachments 1, 2, 3 to the typical document **VSP-NIPI-TYP-GP-PL8-TR-01** “*Technical requirements for subsea pipelines in-line inspection*”;
- Updated Pipeline technical data (refer to Section 3.1);
- Updated P&ID at PIG launcher / receiver (refer to Section 3.2);
- Updated Typical pig launcher / receiver drawing (refer to Section 3.3);
- Add Pigging Connection scheme for **12 inch oil pipeline MSP1 – MSP8** (refer to Section 3.4);
- Add Duration of works (refer to Section 3.5);
- Additional technical requirements for ILI tool (refer to Section 3.6);
- Additional Requirements for reporting after ILI run (refer to Section 3.7).

For technical evaluation criteria refer to document “**OFSP-379-GP-PL8-TE-001_0_TECHNICAL EVALUATION CRITERIA FOR 12 INCH OIL PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN-LINE INSPECTION**”.

2. REFERENCES

[1]	VSP-NIPI-TYP-GP-PL8-TR-01	TECHNICAL REQUIREMENTS FOR SUBSEA PIPELINES IN-LINE INSPECTION
[2]	OFSP-379-GP-PL8-TE-001	TECHNICAL EVALUATION CRITERIA FOR 12 INCH OIL PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN-LINE INSPECTION
[3]	OFSP-096-OL-PL8-DW-001	TYPICAL 12” 300# PIG LAUNCHER / RECEIVER
[4]	-	MSP1 - 2024 IN-AIR 3-rd ANNUAL STRUCTURAL INSPECTION REPORT





[5]	-	MSP8 - 2024 IN-AIR 3-rd ANNUAL STRUCTURAL INSPECTION REPORT
[6]	VSP-NIPI-TYP-GP-PL8-PR-02	TYPICAL PROGRAM FOR RISERS SURVEY_REV 2
[7]	MSP1.BK7-193-TS-PR1-PID-003	PID for pig connection R4 and R11
[8]	MSP8-156-TS-PR1-PID-001	PID for Pig Launcher-Receiver and interconnection on MSP8_rev. 1
[9]	OFSP-230-TS-PI1-LD-001	12 Inch Pig Skid - Piping layout and support location drawings
[10]	MSP1.BK7-193-TS.MSP1-PI1-ISO-003.0917	PIPING ISOMETRIC DRAWING - LINE NO.PL-BX1-12-0917-N
[11]	MSP8-156-TS-PI1-ISO-001.0408	PIPING ISOMETRIC DRAWING - LINE NO.PL-BX1-12-0408-N
[12]	-	RISER No. 04 AT MSP1 - 2025 IN-WATER BIENNIAL SURVEY REPORT
[13]	-	RISER No. 06 AT MSP8 - 2024 IN-WATER BIENNIAL SURVEY REPORT

3. ADDENDUM

This section lists changes in the applied typical documents, originating in Typical Engineering Documentation for any reason including those indicated in Table 1. These changes are identified in this Addendum to the applied typical document *VSP-NIPI-TYP-GP-PL8-TR-01 rev.1 "Technical requirements for subsea pipelines in-line inspection"*, identifying the document and section affected and the required change.

CONTRACTOR shall review the required changes in conjunction with the referenced document and project's engineering documents.

The type of modification shall be defined and indicated in subsequent text as follows:

- "ADD" - Indicates the following statement(s) is/are added to the Company referenced text.
- "DELETE" - Indicates the following statement(s) is/are deleted from the Company referenced text.
- "REPLACE WITH" - Indicates the following statement(s) is/are revision(s) to the Company referenced text.

Table – 1: List of changes





SECTION	CURRENT STATEMENT OR REQUIREMENT	REVISED TO
Attachment 3 to <i>VSP-NIPI-TYP-GP-PL8-TR-01 (rev.1)</i>	Attachment 3 – PIPELINE TECHNICAL & FLUID DATA This attachment to be filled in for particular subsea pipeline subject for in-line inspection.	REPLACE WITH Section 3.1 of the current document
Attachment 2 to <i>VSP-NIPI-TYP-GP-PL8-TR-01 (rev.1)</i>	Attachment 2 – TYPICAL P&ID This attachment to be filled in for particular subsea pipeline subject for in-line inspection.	REPLACE WITH Section 3.2 of the current document
Attachment 1 to <i>VSP-NIPI-TYP-GP-PL8-TR-01 (rev.1)</i>	Attachment 1 TYPICAL PIG LAUNCHER / RECEIVER DRAWINGS	REPLACE WITH Section 3.3 of the current document
Section doesn't exist <i>VSP-NIPI-TYP-GP-PL8-TR-01 (rev.1)</i>	No current statement Details of pigging connection scheme for 12” oil pipeline MSP1 – MSP8	ADD Details of pigging connection scheme for 12” oil pipeline MSP1 – MSP8 as per Section 3.4 of the current document
Section doesn't exist <i>VSP-NIPI-TYP-GP-PL8-TR-01 (rev.1)</i>	No current statement Duration of works was not provided (was not available)	ADD Duration of works as per Section 3.5 of the current document
Section doesn't exist <i>VSP-NIPI-TYP-GP-PL8-TR-01 (rev.1)</i>	No current statement Additional technical requirements for ILI tool	ADD Additional technical requirements for ILI tool as per Section 3.6 of the current document
Section doesn't exist <i>VSP-NIPI-TYP-GP-PL8-TR-01 (rev.1)</i>	No current statement Additional Requirements for reporting after ILI run	ADD Additional Requirements for reporting after ILI run as per Section 3.7 of the current document





3.1. PIPELINE TECHNICAL DATA

Pipeline Name	MSP1 – MSP8
GENERAL DATA	
Service Product	OIL
Design Flowrate	7500 ton/day
Internal Coatings	None
Length	~ 6400 m (from pig launcher to pig receiver)
Design Pressure	40 barg
Maximum Operating Pressure	40 barg
Maximum Operating Temp	60°C
Minimum Bend Radius	1.5D
Content Density	800 kg/m ³
Pigging Medium	WATER
Pigging History	First ILI run
Year Installed	1989
PIPELINE	
Nominal outside diameter	325.0 mm
Nominal inside diameter	293.0 mm
Nominal Wall Thickness	16.0 mm nominal Max. WT = 18.0mm (+12.5% of nominal for mill tolerance of the pipe)
Material Grade	St-20 (Russian Pipe Material) SMYS = 241.0 MPa SMTS = 415.0 MPa
Riser at MSP1 (Riser №04)	
Nominal outside diameter	325.0 mm





Nominal inside diameter	293.0 mm
Nominal Wall Thickness	16.0 mm
Material Grade	St-20 (Russian Pipe Material)
Wall Thickness	16.0 mm nominal Max. WT = 18.0mm (+12.5% of nominal for mill tolerance of the pipe)
Bends (elbows) at MSP1 (from PIG launcher / receiver to subsea pipeline)	
Number of bends (elbows)	9
Location of bends (elbows)	<ul style="list-style-type: none"> • 1 Bend 90°, 5D - close to seabed (max. WT=16.9mm) • 3 elbows 1.5D 90°, LR – EL.(+) 16.000 MSL (NEW - nominal WT = 15.9mm) • 4 elbows 1.5D 90°, LR – EL.(+) 20.000 MSL. (NEW - nominal WT = 15.9mm) • 1 elbow 1.5D 90°, LR – EL.(+) 22.3578 MSL. (NEW - nominal WT = 15.9mm)
Nominal outside diameter	323.8 mm (12 inch)
Nominal inside diameter	292.1 mm
Material Grade	ASTM A860 WPHY60, ASME B16.9
Wall Thickness	15.9 mm
Tee-branches at MSP1 (from PIG launcher / receiver to subsea pipeline)	
Number of T-branch	7
Location of T-branch	<ul style="list-style-type: none"> • 1 weldolet 12" x 2" – EL.(+) 19.300 MSL. • 4 sockolets 12" x 3/4" – EL.(+) 20.000 MSL. • 1 weldolet 12" x 2" – EL.(+) 20.000 MSL. • 1 reducing bared Tee 12" x 8" – EL.(+) 20.000 MSL.
Reducer at MSP1 (from PIG launcher / receiver to subsea pipeline)	
Number of reducers	No
Location of reducer	No





Valves at MSP1 (from PIG launcher / receiver to subsea pipeline)	
Number of valves	4
Location of valve	<ul style="list-style-type: none"> • 1 SDV at EL.(+) 20.000 MSL; • 2 ball valves 12" at EL.(+) 20.000 MSL; • 1 ball valve 12" full bore after PIG launcher / receiver; <p><u>Note:</u> All the SDV valve and ball valves are Full bore valve with ID = 292.1mm.</p>
Riser at MSP8 (Riser №06)	
Nominal outside diameter	325.0 mm
Nominal inside diameter	293.0 mm
Nominal Wall Thickness	16.0 mm
Material Grade	St-20 (Russian Pipe Material)
Wall Thickness	16.0 mm nominal Max. WT = 18.0mm (+12.5% of nominal for mill tolerance of the pipe)
Bends (elbows) at MSP8 (from PIG launcher / receiver to subsea pipeline)	
Number of bends (elbows)	10
Location of bends (elbows)	<ul style="list-style-type: none"> • 1 Bend 90°, 5D - close to seabed (max. WT=16.1mm) • 2 elbows 1.5D 90°, LR – EL.(+) 19.900 MSL. (NEW - nominal WT = 15.9mm) • 1 elbow 1.5D 50°, LR – EL.(+) 19.900 MSL. (NEW - nominal WT = 15.9mm) • 1 elbow 1.5D 90°, LR – EL.(+) 23.685 MSL. (NEW - nominal WT = 15.9mm) • 1 elbow 1.5D 22.5°, LR – EL.(+) 23.685 MSL. (NEW - nominal WT = 15.9mm) • 1 elbow 1.5D 22.5°, LR – EL.(+) 24.450 MSL. (NEW - nominal WT = 15.9mm) • 1 elbow 1.5D 90°, LR – EL.(+) 24.450 MSL. (NEW - nominal WT = 15.9mm) • 1 elbow 1.5D 22.5°, LR – EL.(+) 24.450 MSL. (NEW - nominal WT = 15.9mm)



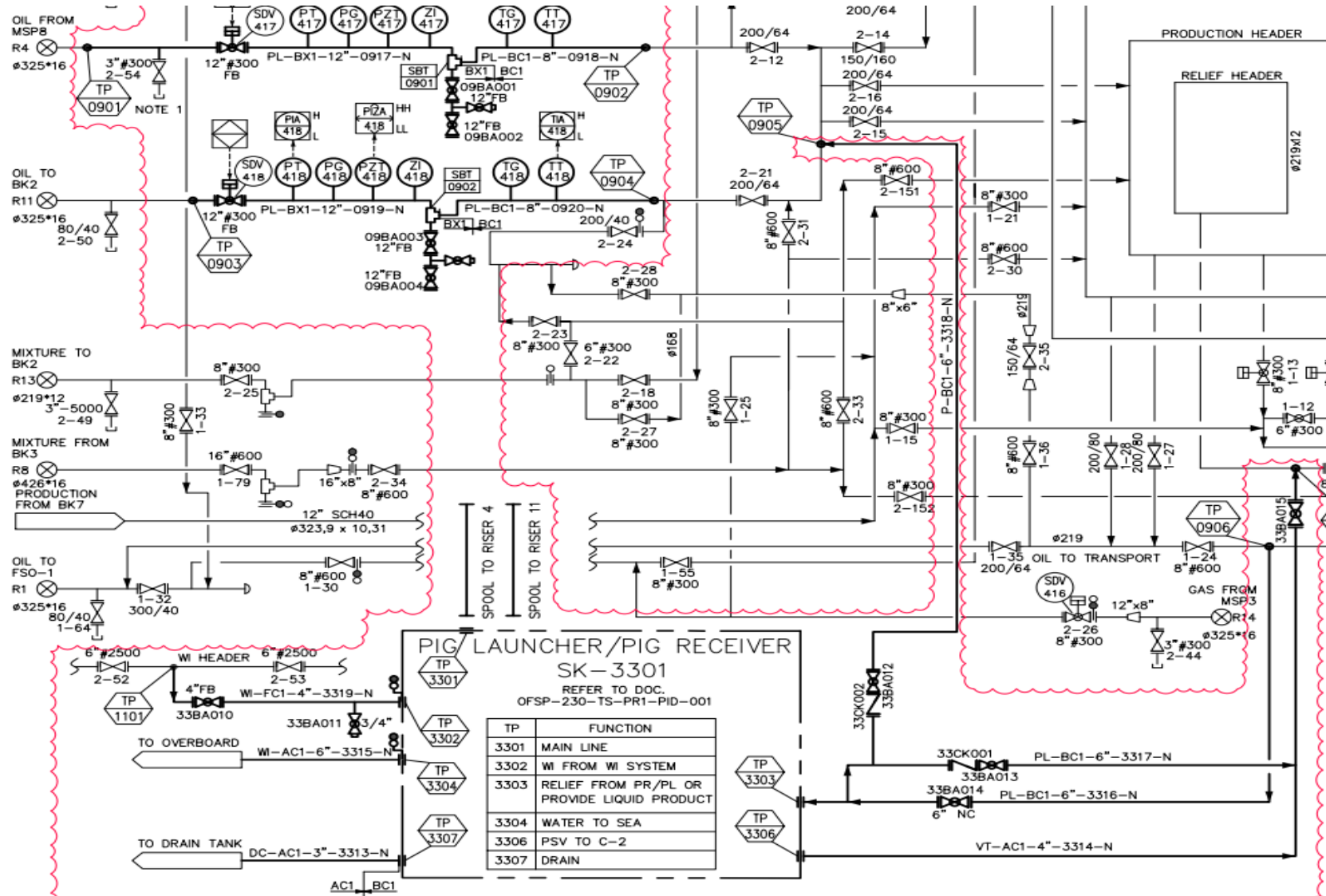
	<ul style="list-style-type: none"> • 1 elbow 1.5D 22.5°, LR – EL.(+) 25.325 MSL. (NEW - nominal WT = 15.9mm)
Nominal outside diameter	323.8 mm (12 inch)
Nominal inside diameter	292.1 mm
Material Grade	ASTM A860 WPHY60, ASME B16.9
Wall Thickness	15.9 mm
Tee-branches at MSP8 (from PIG launcher / receiver to subsea pipeline)	
Number of T-branch	11
Location of T-branch	<ul style="list-style-type: none"> • 1 weldolet 12" x 2" – EL.(+) 19.293 MSL. • 2 sockolets 12" x 1/2" – EL.(+) 19.900 MSL. • 4 sockolets 12" x 3/4" – EL.(+) 19.900 MSL. • 1 weldolet 12" x 2" – EL.(+) 19.900 MSL. • 1 reducing bared Tee 12" x 8" – EL.(+) 19.900 MSL. • 1 sockolet 12" x 3/4" – EL.(+) 23.685 MSL. • 1 weldolet 12" x 2" – EL.(+) 20.000 MSL.
Reducer at MSP8 (from PIG launcher / receiver to subsea pipeline)	
Number of reducers	No
Location of reducer	-
Valves at MSP8 (from PIG launcher / receiver to subsea pipeline)	
Number of valves	4
Location of valve	<ul style="list-style-type: none"> • 1 SDV at EL.(+) 19.900 MSL; • 2 ball valves 12" at EL.(+) 23.685 MSL. • 1 ball valve 12" full bore after PIG launcher / receiver; • <u>Note:</u> All the SDV valve and ball vavles are Full bore valve with ID = 292.1mm.





3.2. P&ID AT PIG LAUNCHER / RECEIVER

3.2.1. P&ID at PIG Launcher / Receiver at MSP1



TP	FUNCTION
3301	MAIN LINE
3302	WI FROM WI SYSTEM
3303	RELIEF FROM PR/PL OR PROMDE LIQUID PRODUCT
3304	WATER TO SEA
3306	PSV TO C-2
3307	DRAIN

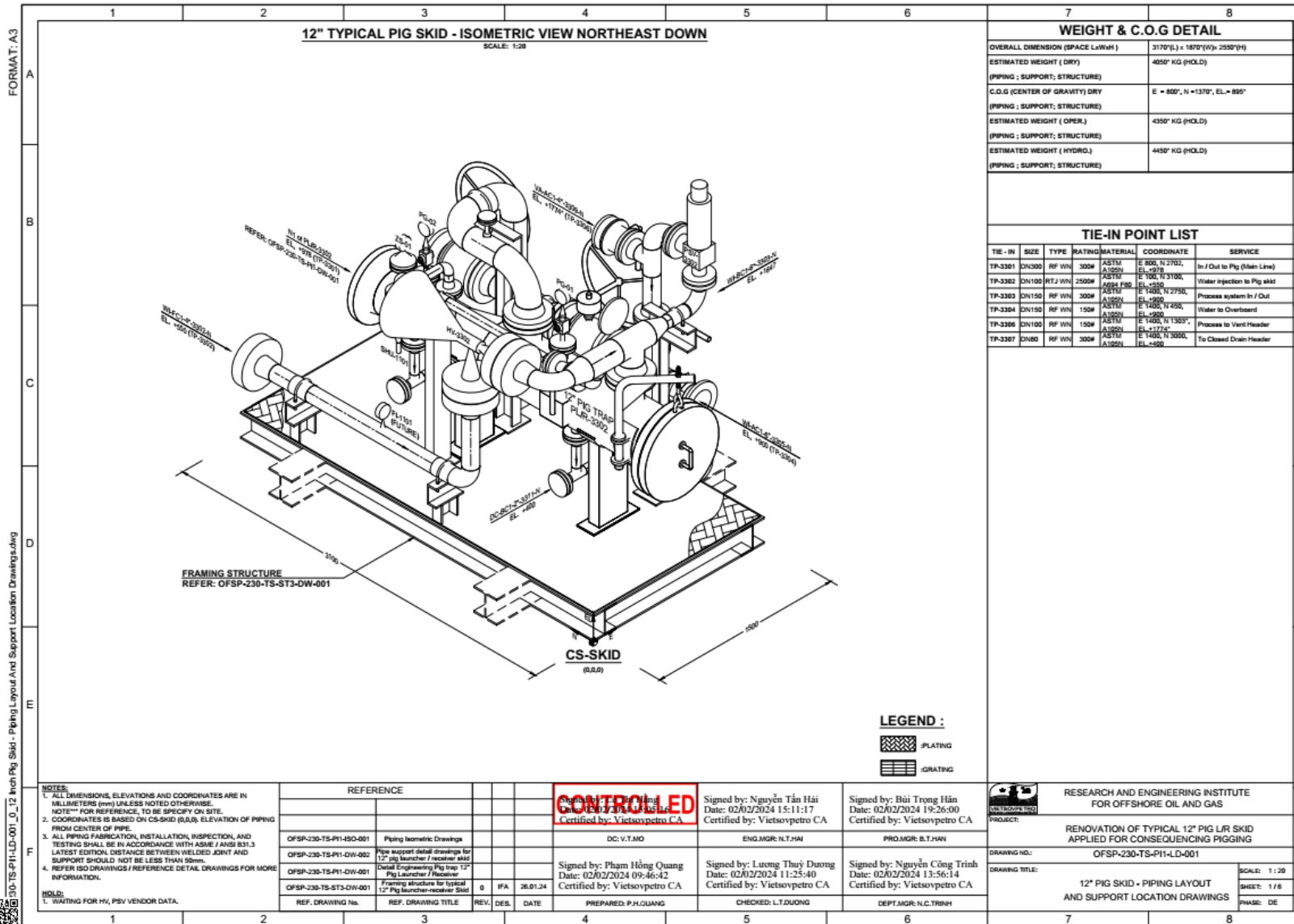


IN LINE INSPECTION OF 3 PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN 2026
TECHNICAL REQUIREMENTS FOR 12 INCH OIL PIPELINES MSP1-MSP8 IN-LINE INSPECTION

OFSP-379-GP-PL8-TR-002

Rev. 1 Page 12 of 23

3.3. PIG LAUNCHER / RECEIVER DRAWING

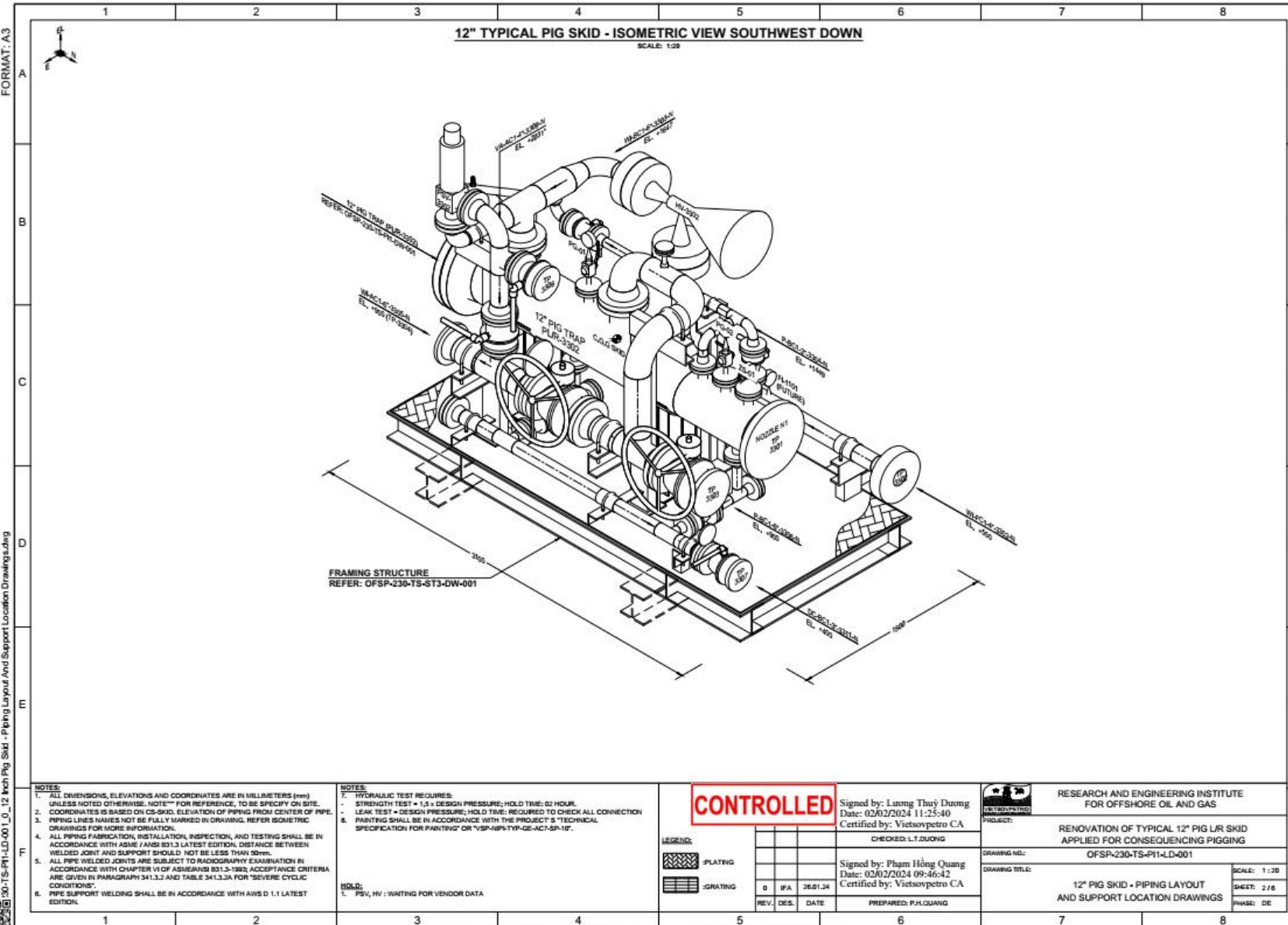




IN LINE INSPECTION OF 3 PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN 2026
TECHNICAL REQUIREMENTS FOR 12 INCH OIL PIPELINES MSP1-MSP8 IN-LINE INSPECTION

OFSP-379-GP-PL8-TR-002

Rev. 1 Page 13 of 23



30-TS-P11-LD-001_12 Inch Pig Skid - Piping Layout And Support Location Drawings.dwg

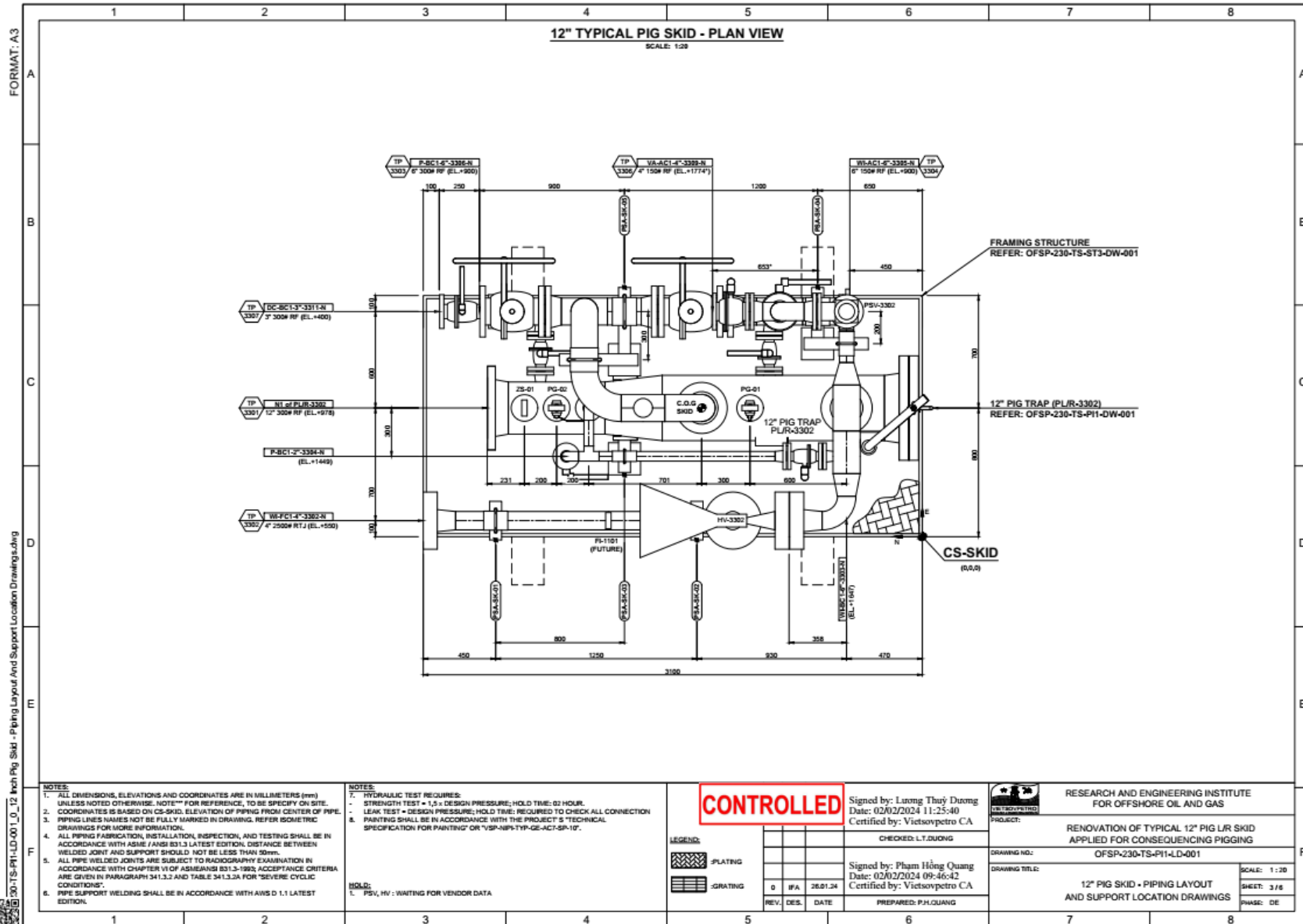
Viện Nghiên cứu Dầu khí và Thiết bị Công nghệ - Viện Nghiên cứu và Thiết kế Kỹ thuật Dầu khí - VIETSOVPETRO RESEARCH & ENGINEERING INSTITUTE



IN LINE INSPECTION OF 3 PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN 2026
TECHNICAL REQUIREMENTS FOR 12 INCH OIL PIPELINES MSP1-MSP8 IN-LINE INSPECTION

OFSP-379-GP-PL8-TR-002

Rev. 1 Page 14 of 23

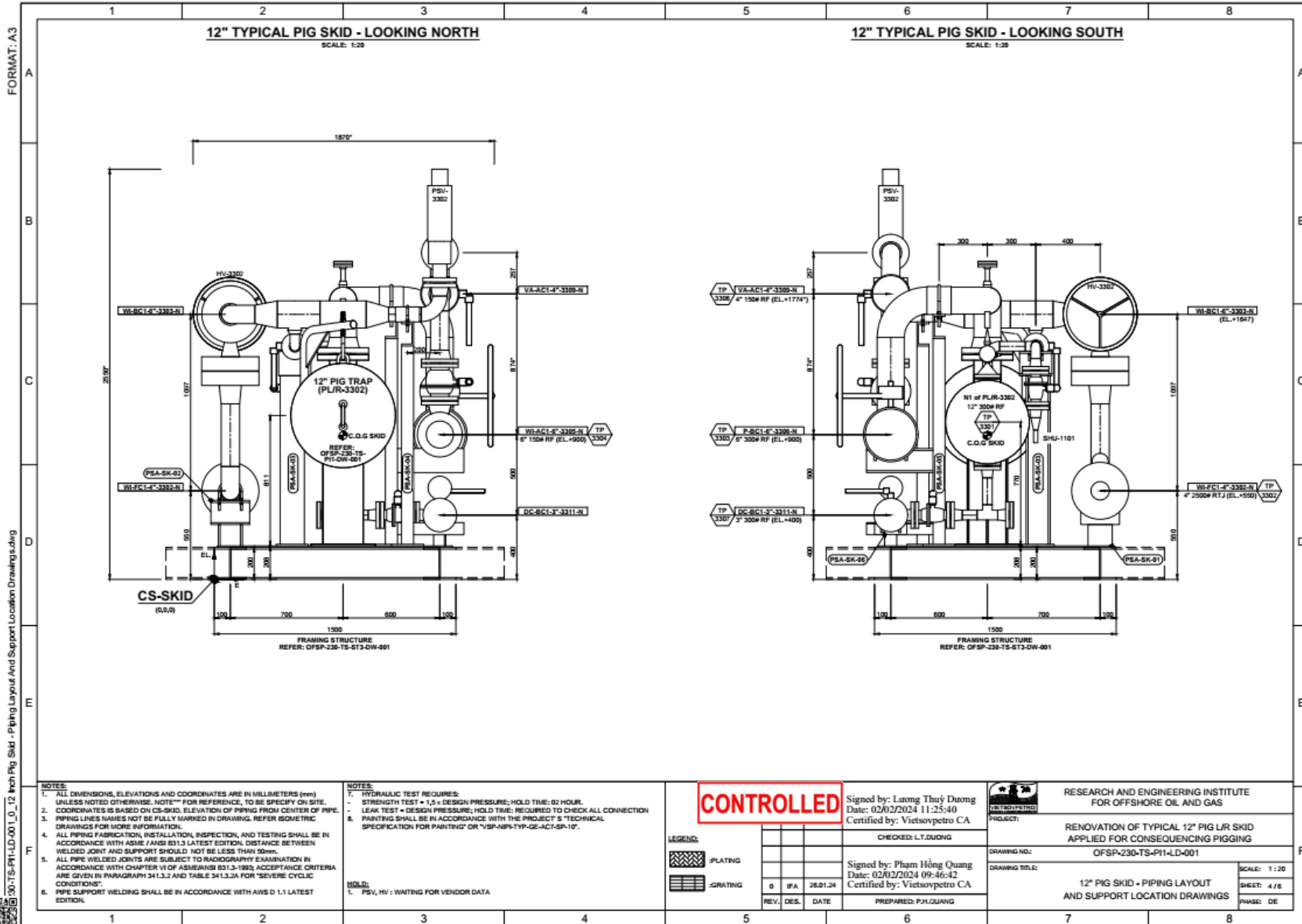




IN LINE INSPECTION OF 3 PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN 2026
TECHNICAL REQUIREMENTS FOR 12 INCH OIL PIPELINES MSP1-MSP8 IN-LINE INSPECTION

OFSP-379-GP-PL8-TR-002

Rev. 1 Page 15 of 23



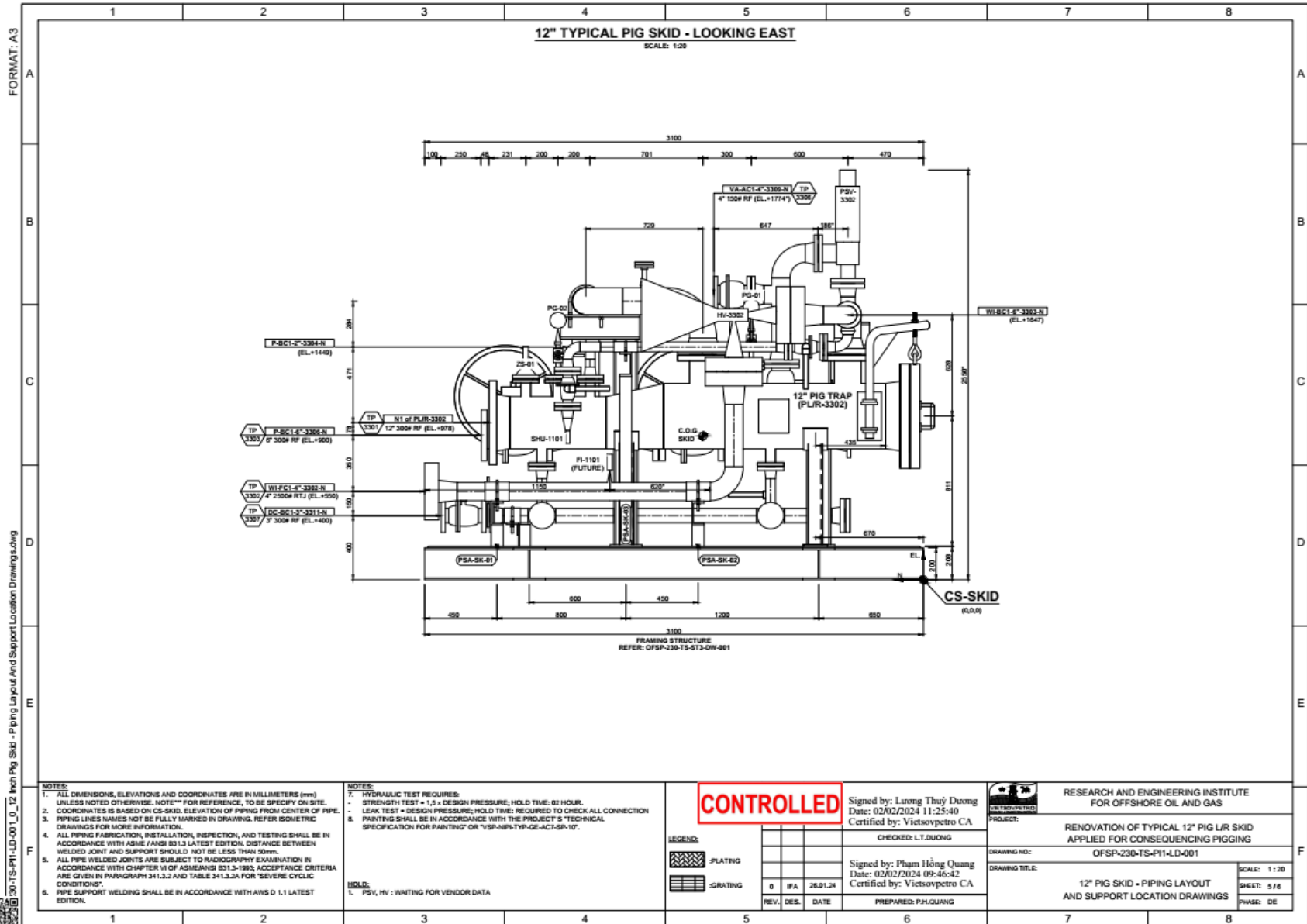
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IN LINE INSPECTION OF 3 PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN 2026
TECHNICAL REQUIREMENTS FOR 12 INCH OIL PIPELINES MSP1-MSP8 IN-LINE INSPECTION

OFSP-379-GP-PL8-TR-002

Rev. 1 Page 16 of 23



NOTES:
 1. ALL DIMENSIONS, ELEVATIONS AND COORDINATES ARE IN MILLIMETERS (mm) UNLESS NOTED OTHERWISE. NOTE** FOR REFERENCE, TO BE SPECIFY ON SITE.
 2. COORDINATES IS BASED ON CS-SKID. ELEVATION OF PIPING FROM CENTER OF PIPE.
 3. PIPING LINES NAMES NOT BE FULLY MARKED IN DRAWING. REFER ISOMETRIC DRAWINGS FOR MORE INFORMATION.
 4. ALL PIPING FABRICATION, INSTALLATION, INSPECTION, AND TESTING SHALL BE IN ACCORDANCE WITH ASME / ANSI B31.3 LATEST EDITION. DISTANCE BETWEEN WELDED JOINT AND SUPPORT SHOULD NOT BE LESS THAN 50mm.
 5. ALL PIPE WELDED JOINTS ARE SUBJECT TO RADIOGRAPHY EXAMINATION IN ACCORDANCE WITH CHAPTER VI OF ASME/ANSI B31.3-1985. ACCEPTANCE CRITERIA ARE GIVEN IN PARAGRAPH 341.3.2 AND TABLE 341.3.2A FOR "SEVERE CYCLIC CONDITIONS".
 6. PIPE SUPPORT WELDING SHALL BE IN ACCORDANCE WITH AWS D 1.1 LATEST EDITION.

NOTES:
 T. HYDRAULIC TEST REQUIRES:
 - STRENGTH TEST = 1.5 x DESIGN PRESSURE; HOLD TIME: 02 HOUR.
 - LEAK TEST = DESIGN PRESSURE; HOLD TIME: REQUIRED TO CHECK ALL CONNECTION
 B. PAINTING SHALL BE IN ACCORDANCE WITH THE PROJECT'S TECHNICAL SPECIFICATION FOR PAINTING OR "VSP-NBPS-TYP-GE-ACT-SP-10".
MODS:
 L. PSV, HV : WAITING FOR VENDOR DATA

CONTROLLED

Signed by: Lương Thủy Dương
 Date: 02/02/2024 11:25:40
 Certified by: Vietsovetpro CA

CHECKED: L.T.DUONG

Signed by: Phạm Hồng Quang
 Date: 02/02/2024 09:46:42
 Certified by: Vietsovetpro CA

PREPARED: P.H.QUANG

REV.	DES.	DATE
0	IFA	28.01.24

RESEARCH AND ENGINEERING INSTITUTE FOR OFFSHORE OIL AND GAS

PROJECT: RENOVATION OF TYPICAL 12" PIG LIR SKID APPLIED FOR CONSEQUENCIAL PIGGING

DRAWING NO.: OFSP-230-TS-P11-LD-001

DRAWING TITLE: 12" PIG SKID - PIPING LAYOUT AND SUPPORT LOCATION DRAWINGS

SCALE: 1:20
 SHEET: 5/6
 PHASE: DE

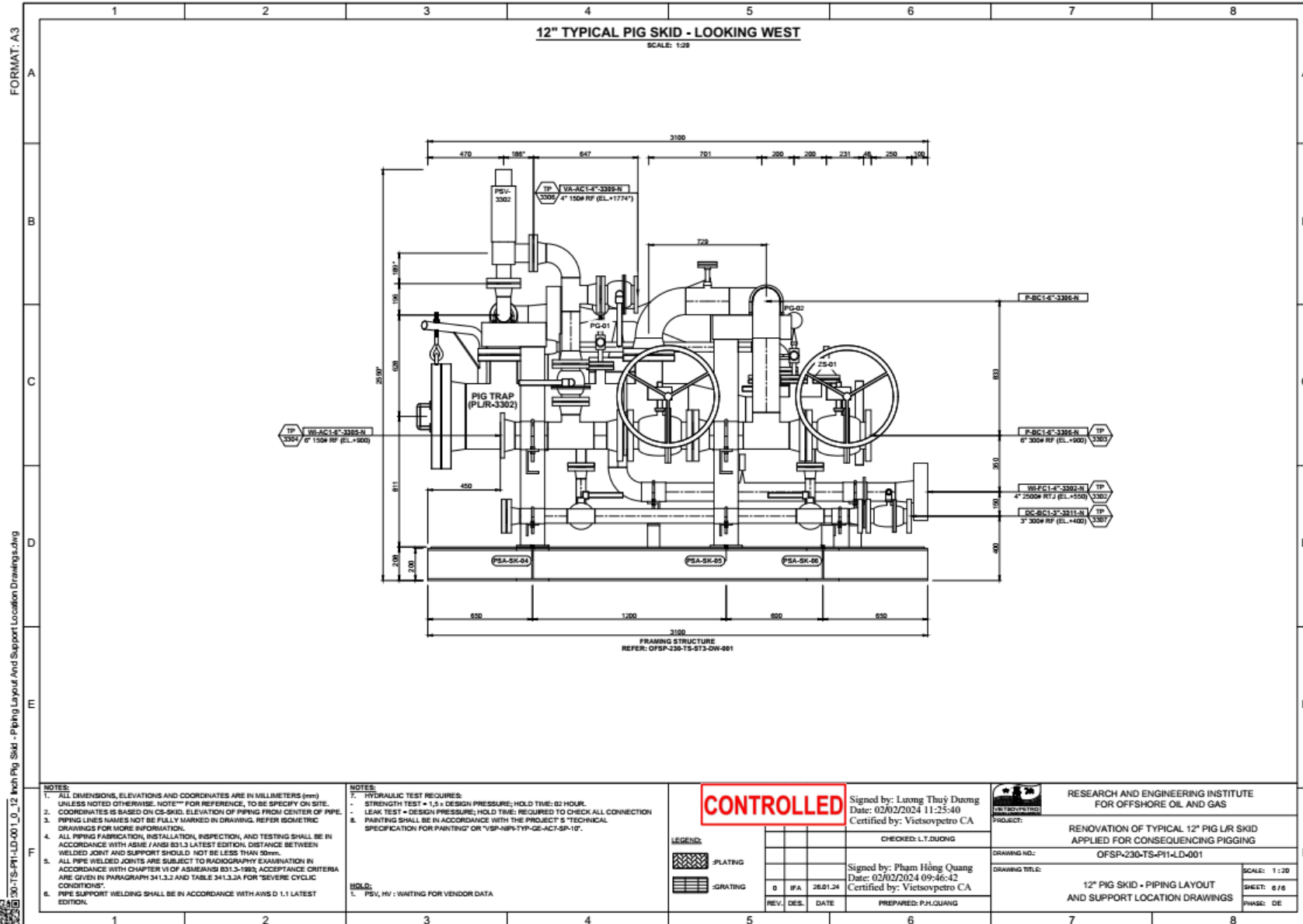




IN LINE INSPECTION OF 3 PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN 2026
TECHNICAL REQUIREMENTS FOR 12 INCH OIL PIPELINES MSP1-MSP8 IN-LINE INSPECTION

OFSP-379-GP-PL8-TR-002

Rev. 1 Page 17 of 23

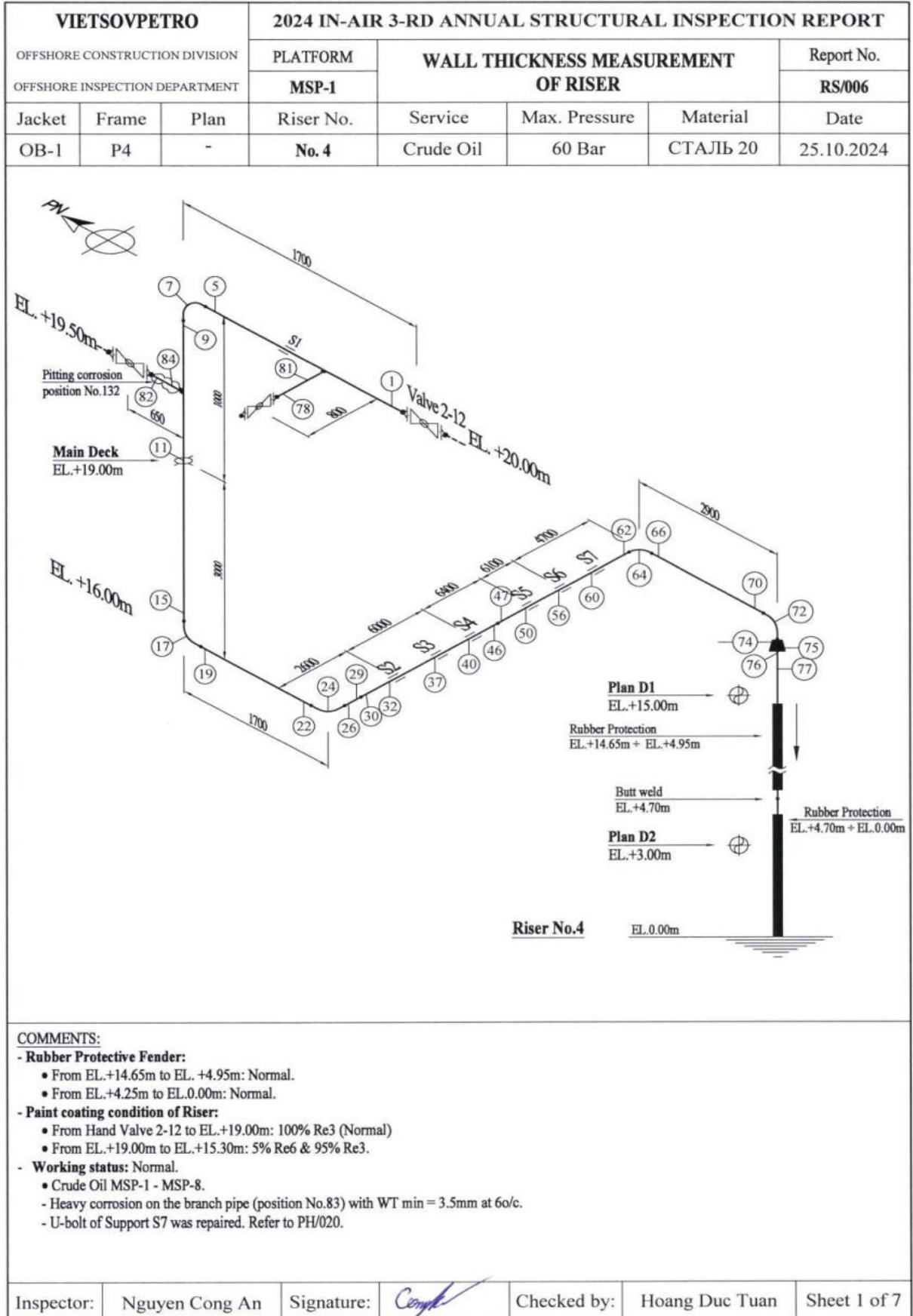


Văn bản này được xác thực tại <https://office.vietsov.com.vn> với số định danh: 91/24-TT-XDMNIP1



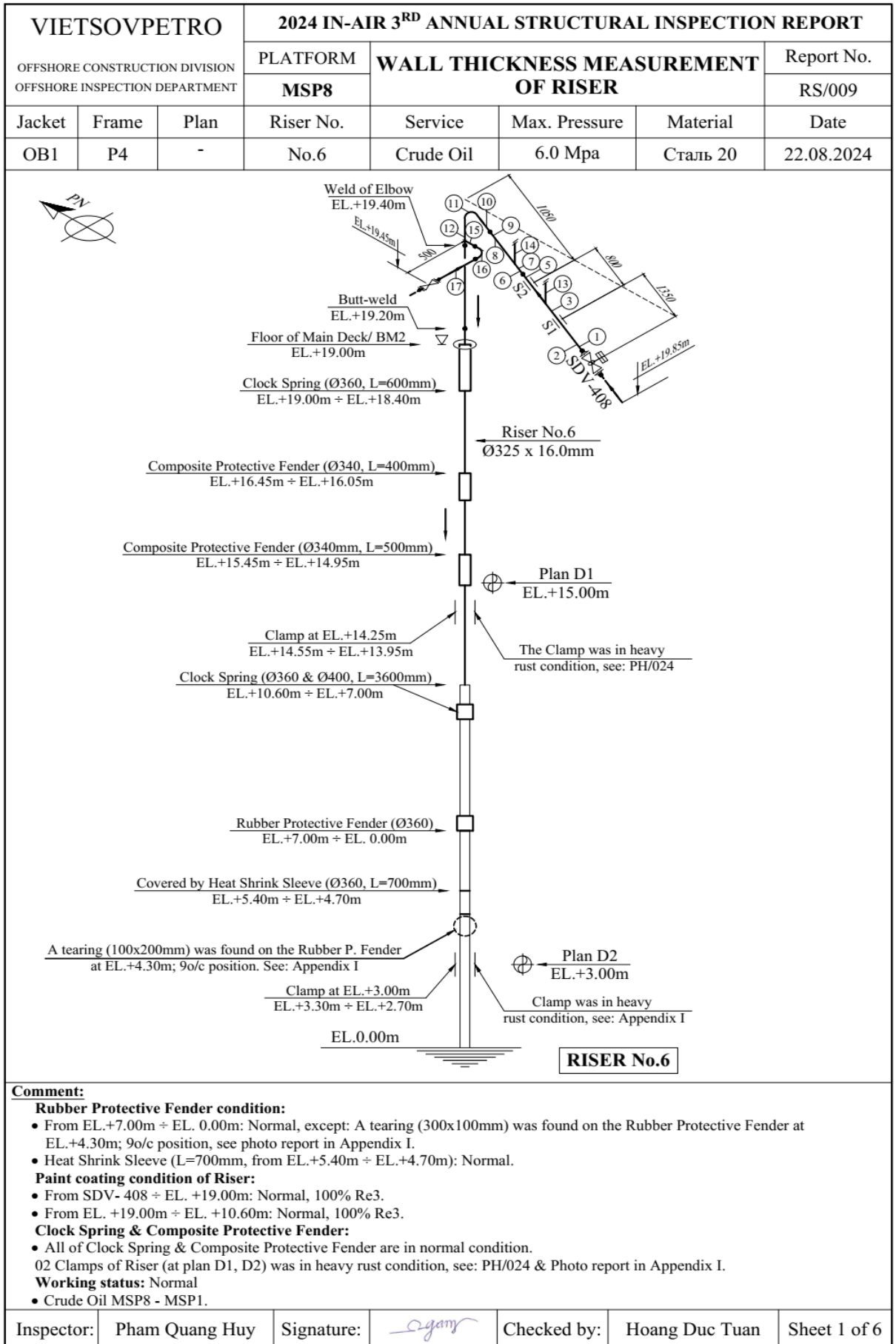
3.4. PIGGING CONNECTION SCHEME

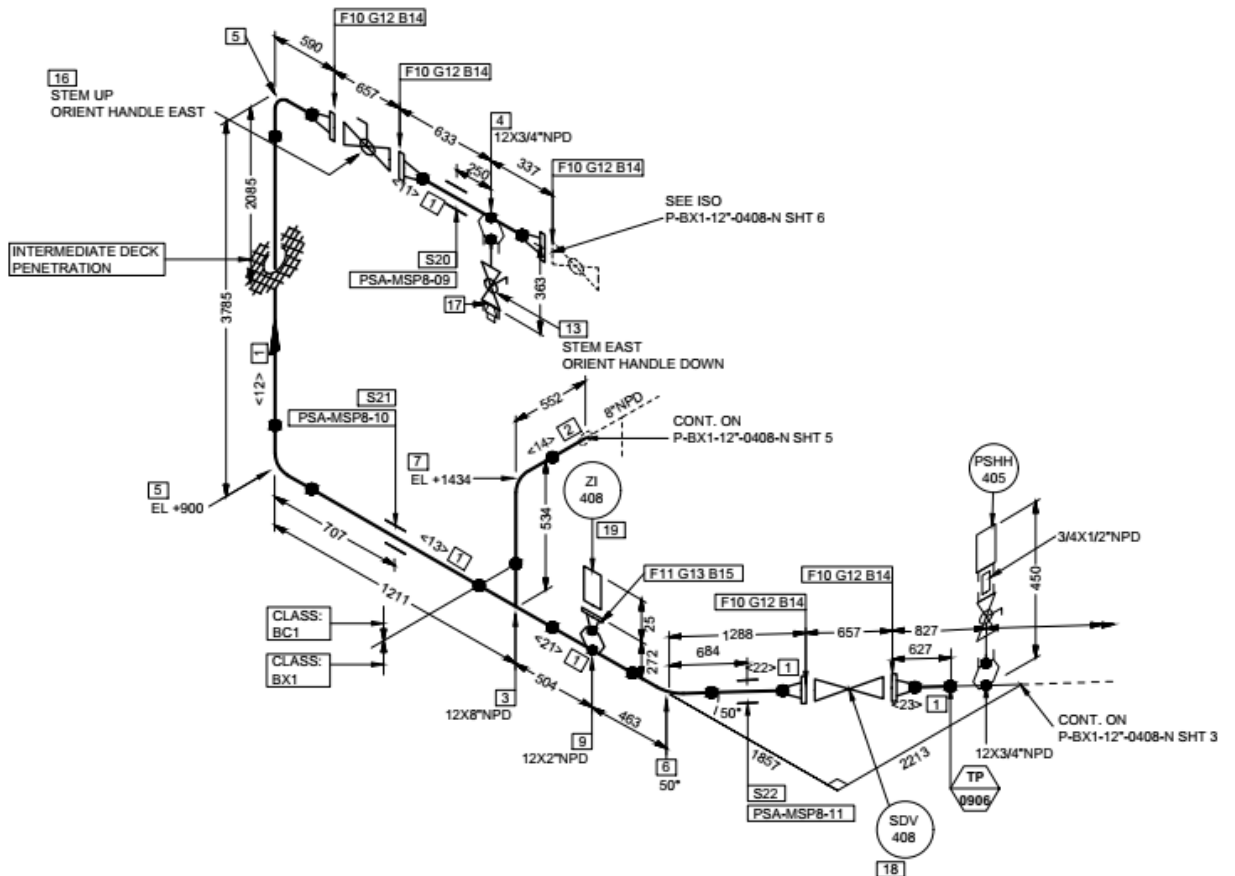
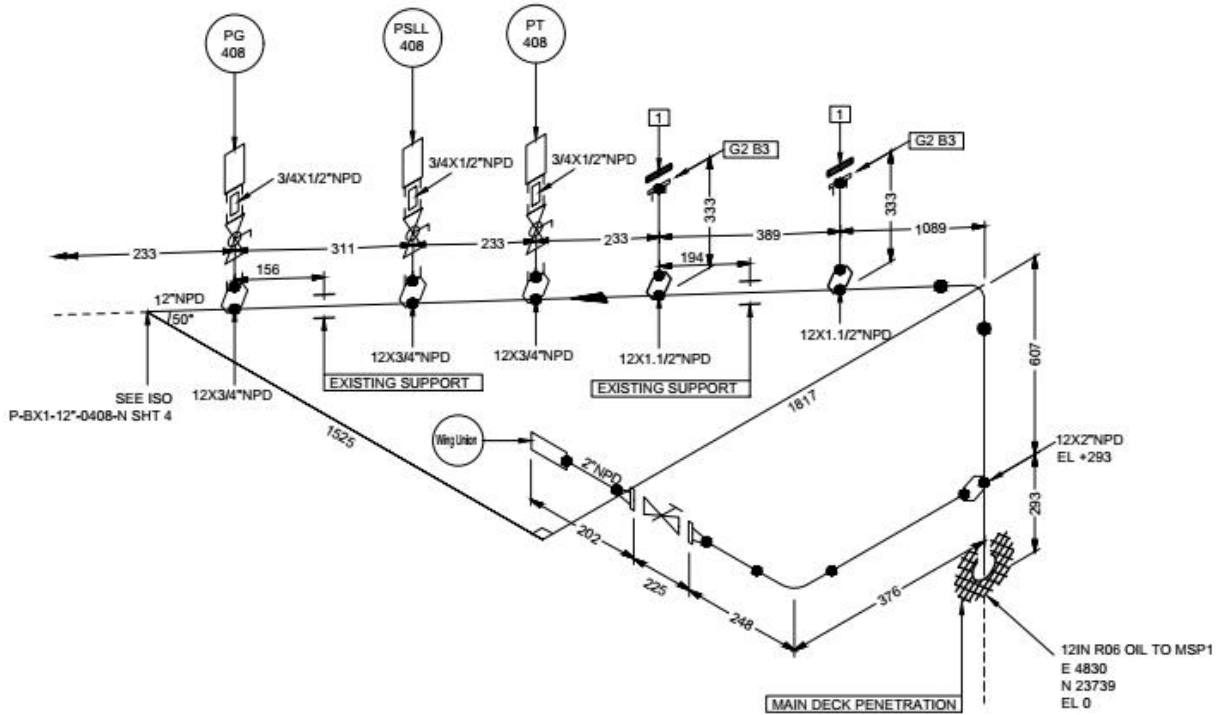
3.4.1. Pigging Connection Scheme on MSP1

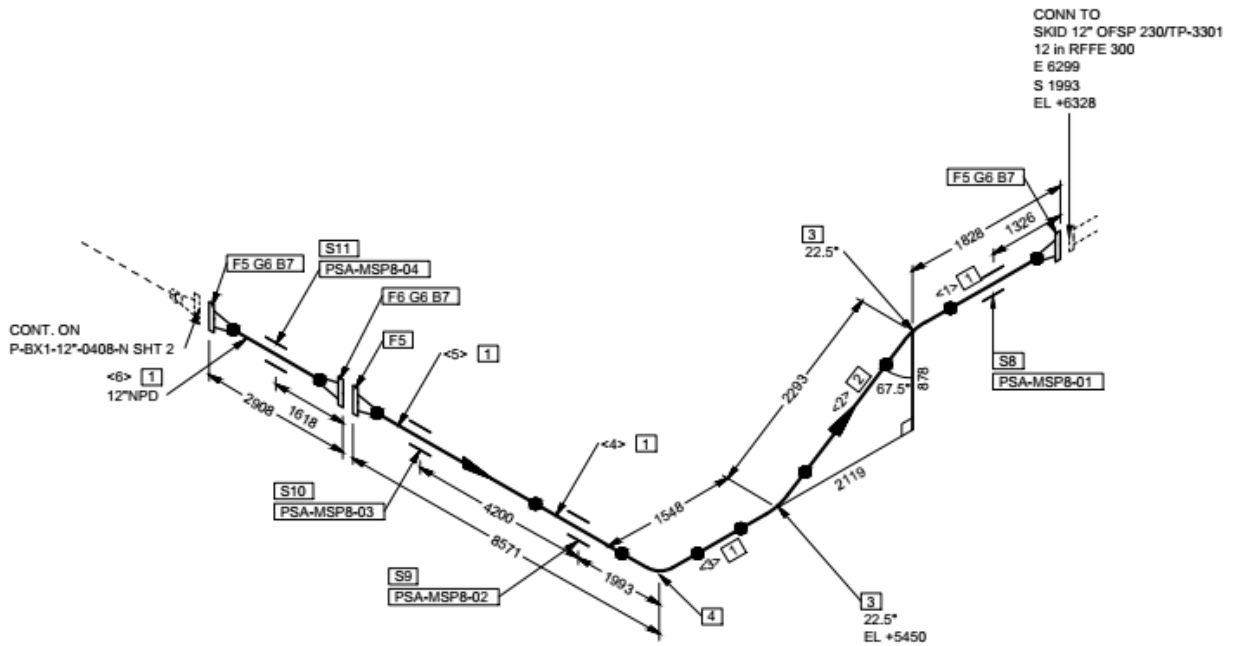
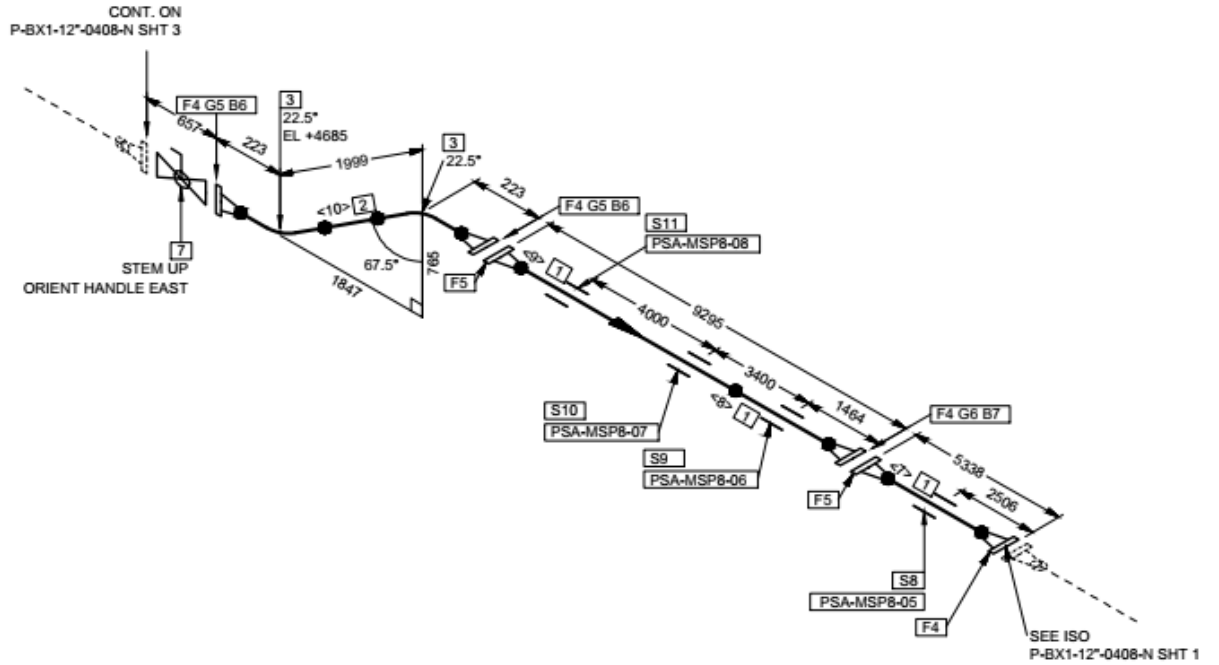




3.4.2. Pigging Connection Scheme on MSP8









3.5. DURATION OF WORKS

- Preliminary works (including kick-off meeting, procedures preparation, risk assessment, mobilization of tools & equipment, mobilization of personnel to Vietnam & Offshore) – **60 calendar days**;
- Field works (including pre ILI cleaning runs, gauging runs, caliper run, ILI tool run, data quality check, etc.) – **10 calendar days**;
- Reporting:
 - Preliminary inspection report - **15 calendar days**;
 - Final inspection report - **45 calendar days**.

3.6. ADDITIONAL TECHNICAL REQUIREMENTS FOR ILI TOOL

Requirements for Contractors Participating in the Tender:

- **Number of available ILI Tools:**
 - The contractor must specify the exact number of available inline inspection (ILI) tools, including types such as UT, MFL, Caliper, and others – **Owned and Leased**.
 - These information must be clearly presented in the technical documentation of the bidding dossier.
 - The number of available ILI tools will be one of the criteria for evaluating the contractor's qualifications during the bidding process.
- **Requirement for ILI tool performance specification:**

The performance specifications for In-Line Inspection (ILI) tool should comply with the **Pipelines Operators Forum document** (version 2016, Specifications and requirements for intelligent pig inspection of pipelines) with regards to the format of tables and the terminology used.

3.7. REQUIREMENTS FOR REPORTING AFTER ILI RUN

Requirements for Contractors Participating in the Tender for reporting:

3.7.1. Preliminary Report Requirements

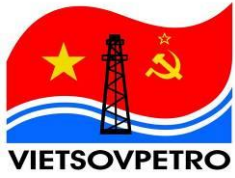
In addition to the inspection data, data quality, parameters during the ILI run, the preliminary report should also include:

- The minimum wall thickness allowable for these pipelines is **7.0mm**, ref [6]. Statistics of all defects with remaining wall thickness less than **7.0mm** must be compiled in a detailed spreadsheet;
- Defects should be classified and presented in two formats: Single Defects and Clusters;
- Defect Classification Standards: Clearly state the standards and criteria used to classify defects as single or cluster as per ASME B31G and DNVGL-RP-F101 standard.
- Standard for Defects Assessment: Remaining Strength, Estimated Repair Factor (ERF) should adhere to the guidelines outlined in ASME B31G and DNVGL-RP-F101.

3.7.2. Final Report Requirements

- Compile statistics of all defects detected by ILI tools, including all types of defects specified in the tool's specifications (no limit on the number of defects, include all corrosion defects with metal loss of more than 10% of the pipe wall thickness).
- Defect assessments were calculated according to ASME B31G and DNVGL-RP-F101.
- Provide all defect information in two formats: single defects and clusters





**RESEARCH AND ENGINEERING INSTITUTE
FOR OFFSHORE OIL AND GAS**



TYPICAL ENGINEERING DOCUMENTATION

**DOCUMENT TITLE : TECHNICAL REQUIREMENTS FOR SUBSEA
PIPELINES IN-LINE INSPECTION**

DOCUMENT NO. : VSP-NIPI-TYP-GP-PL8-TR-01

Change Log

REV	SECTION	PAGE	CHANGE DESCRIPTION
1	-	2	Reference documents has been added
1	2, 3, 4	8	Updated Attachments numbering
1	5	8	Scope of work has been updated (added pre-ILI cleaning, pigging medium water or product)
1	5.1.1	9-10	New section basic cleaning by Company has been added
1	5.1.2	10	Section name & number updated (added requirements of pre-ILI cleaning)
1	5.2	10	Clarification regarding extra ILI runs and quality results
1	7	12	Updated responsibilities. Added new items.
1	8	13	Table 4. Updated requirements
1	Att. 1	18-21	Updated attachment number New typical drawings of pig launchers / receivers have been added Pig catcher drawing added
1	Att. 2	22-27	Updated attachment number New typical PFD has been added
1	Att. 3	28	Updated attachment number and combined with previous att.2 (fluid composition)


Reference Documents

ALWAYS USE LAST REVISION OF THESE DOCUMENTS:

[1]	OFSP-096-OL-PL8-DW-001	Typical 12 inch 300# pig launcher / receiver
[2]	OFSP-096-OL-PL8-DW-002	Pig catcher for 12-inch pig receiver
[3]	OFSP-097-GL-PL8-DW-001	Typical 12 inch 900# pig launcher / receiver
[4]	OFSP-097-GL-PL8-DW-002	Typical 8 inch 900# pig launcher / receiver
[5]	OFSP-098-OL-PR1-PFD-001	PFD for 12inch pig launcher connection (crude oil)
[6]	OFSP-098-OL-PR1-PFD-002	PFD for 12inch pig receiver connection (crude oil)
[7]	OFSP-099-GL-PR1-PFD-001	PFD for 8inch pig launcher connection (gaslift)
[8]	OFSP-099-GL-PR1-PFD-002	PFD for 8inch pig receiver connection (gaslift)
[9]	OFSP-099-GL-PR1-PFD-003	PFD for 12inch pig launcher connection (gaslift)
[10]	OFSP-099-GL-PR1-PFD-004	PFD for 12inch pig receiver connection (gaslift)

TABLE OF CONTENT

1	GENERAL	4
1.1	Introduction	4
1.2	Vietsovpetro oil field development	4
1.3	Abbreviations and symbols	6
1.4	Definitions	6
1.5	Purpose of this document	6
1.6	References	6
1.6.1	Applicable Codes and Standards	7
1.6.2	Company Documents	7
1.6.3	Vietnamese government regulations	7
2	PIPELINE TECHNICAL DATA	8
3	PIPELINE FLUID COMPOSITION	8
4	P&ID	8
5	SCOPE OF WORK	8
5.1	CLEANING	9
5.1.1	BASIC CLEANING BY COMPANY	9
5.1.2	PRE-ILI CLEANING BY CONTRACTOR	10
5.2	IN-LINE INSPECTION	10
6	QUALIFICATION REQUIREMENTS	11
7	PROJECT RESPONSIBILITIES	12
8	IN-LINE INSPECTION REQUIREMENTS	13
8.1	UNITS OF MEASUREMENTS	13
9	RESULTS ASSESMENT REQUIREMENTS	14
10	REPORTING REQUIREMENTS	15
11	RISKS ASSESMENT	16
12	HEALTH, SAFETY AND EXECUTIVE	16
12.1	GENERAL	16
12.2	ENVIRONMENT AND WASTE DISPOSAL PHLOSOPHY	17
	ATTACHMENT 1 TYPICAL PIG LAUNCHER / RECEIVER DRAWINGS	18
	ATTACHMENT 2 TYPICAL P&ID	22
	ATTACHMENT 3 PIPELINE TECHNICAL & FLUID DATA	28

	<p style="text-align: center;">TYPICAL ENGINEERING DOCUMENTATION TECHNICAL REQUIREMENTS FOR SUBSEA PIPELINES IN-LINE INSPECTION</p>	VSP-NIPI-TYP-GP-PL8-TR-01		
		Rev.	1	Page	4 of 32

1 GENERAL

1.1 Introduction

The typical engineering documentation is a set of engineering documents issued by Research and Engineering Institute (REI) that can be applied to many projects repeatedly that REI involves.

The typical engineering documentation shall be agreed by related departments in Vietsovpetro and approved by Vietsovpetro management.

1.2 Vietsovpetro oil field development

Vietsovpetro's Core Businesses include conducting scientific research, exploration drilling, field development engineering, producing - gathering – processing oil, gas and condensate in Block 09-1. Provide technical and petroleum-related services to COMPANYS in Vietnam, Russian Federations and third-party countries.


Offshore, at Block 09-1, Vietsovpetro has developed and is currently producing oil and gas from five (05) oilfields include: White Tiger, Dragon, White Bear, White Rabbit and South Dragon - Tortoise. Vietsovpetro has drilled nearly 450 exploration and production wells, constructed a combination of 50 offshore projects to support oil and gas production activities, including 13 fixed platforms, 23 wellhead platforms, 02 central processing platforms, 03 gas compression platform, 02 water-injection platforms to maintain reservoir pressure, 03 FSOs and dozens of other auxiliary works. All constructions are integrated into continuous technological systems through hundreds of kilometers of cables and 793 kilometers of inter-connected infield subsea pipelines. In 2016, Vietsovpetro has developed and put into operation Thien Ung gas field at Block 04-3. In 2018, Vietsovpetro has developed and put it into operation Ca Tam oil field at Block 09-3/12.

There are submarine pipelines connecting one offshore platform with another:

- Crude oil pipelines (production pipelines);
- Gaslift pipelines;
- Associated gas pipelines;
- Water injection pipelines.

At the figure 1 existing platforms and submarine pipelines are shown.



	TYPICAL ENGINEERING DOCUMENTATION TECHNICAL REQUIREMENTS FOR SUBSEA PIPELINES IN-LINE INSPECTION		VSP-NIPI-TYP-GP-PL8-TR-01	
	Rev.	1	Page	6 of 32

1.3 Abbreviations and symbols

API	American Petroleum Institute
ASNT	American Society for Nondestructive Testing
ALARP	As low as reasonably practicable
ERF	Estimated repair factor
ETA	Estimated time of arrival
ISO	International Organization for Standardization
ILI	In Line Inspection
MAOP	Maximum Allowable Operating Pressure
PPE	Personal protection equipment
POD	Probability of detection
POF	Pipeline Operators Forum
RA	Risk Assessment
SI	International System of Units
WI	Water injection

1.4 Definitions

COMPANY	Vietsovpetro Joint Venture (VSP)
PROJECT	Vietsovpetro's subsea pipeline in-line inspection by smart pig
CONTRACTOR	The CONTRACTOR who will carry out the works for the PROJECT
TR	Technical requirements for in-line Inspection (ILI) intelligent survey by smart pig


1.5 Purpose of this document

This document defines technical requirements (TR) for the In-line Inspection (ILI) intelligent survey of the oil, oil & gas mixture, gas and gaslift pipelines (operated by Vietsovpetro) to be done by CONTRACTOR.

1.6 References

The following codes and standards, to the extent specified herein, shall form a part of these technical requirements (TR). When an edition date is not indicated for a code or standard, the latest edition at date of contract award shall apply.



	TYPICAL ENGINEERING DOCUMENTATION TECHNICAL REQUIREMENTS FOR SUBSEA PIPELINES IN-LINE INSPECTION		VSP-NIPI-TYP-GP-PL8-TR-01	
	Rev.	1	Page	7 of 32

In case if any conflict occurs between the requirements and any referenced codes and standards, the more restrictive of the conflictive requirement shall apply.

1.6.1 Applicable Codes and Standards

[1]	API Standard 1163	In-Line Inspection Systems Qualification, provides additional guidance on pipeline in-line inspection
[2]	ASNT ILI-PQ	In-line Inspection Personnel Qualification and Certification Standard
[3]	NACE SP0102	In-Line Inspection of Pipelines
[4]	-	POF's Specifications and Requirements for Intelligent Pig Inspection of Pipelines
[5]	NACE Publication 35100	In-line Inspection of Pipelines
[6]	ASME B31G	Manual for Determining the Remaining Strength of Corroded Pipelines
[7]	DNV-RP-F101	CORRODED PIPELINES
[8]	DNV-RP-F116	Integrity management of submarine pipeline systems
[9]	API 579	Fitness for service (FFS)
[10]	BS 7910	Acceptability of flaws in metallic structures
[11]	API 1156	Effects of Smooth and Rock Dents on Liquid Petroleum Pipelines
[12]	API 1160	Managing System Integrity for Hazardous Liquid Pipelines
[13]	ASME B31.4	Pipeline Transportation Systems for Liquids and Slurries
[14]	ASME B31.8	Gas Transmission and Distribution Piping Systems
[15]	AS 2885.3	Pipelines - Gas and liquid petroleum Operation and maintenance
[16]	CSA Z662	Oil & Gas Pipeline Systems


1.6.2 Company Documents

[1]	VSP-SR-16	Rules for Operation, Inspection and Maintenance of offshore process piping and underwater pipelines, 2009
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1.6.3 Vietnamese government regulations

PROJECT will be developed and maintained in compliance with legislative and government requirements of Vietnam, including the following:

- The Vietnam Petroleum Law
- The Vietnam Environmental Regulations for Oil and Gas Operations
- The Vietnam Environmental Law
- The Vietnam Labor Laws
- The Vietnam Fire Regulations
- Applicable Vietnamese laws and regulations for Marine and HSE
- The documents of Vietsovpetro related.

	TYPICAL ENGINEERING DOCUMENTATION TECHNICAL REQUIREMENTS FOR SUBSEA PIPELINES IN-LINE INSPECTION		VSP-NIPI-TYP-GP-PL8-TR-01	
	Rev.	1	Page	8 of 32

2 PIPELINE TECHNICAL DATA

For pipeline technical data, refer to Attachment 3 (to be filled in for particular subsea pipeline subject for in-line inspection).

3 PIPELINE FLUID COMPOSITION

For pipeline fluid composition, refer to Attachment 3 (to be filled in for particular subsea pipeline subject for in-line inspection).

4 P&ID

For P&IDs, refer to Attachment 2 (typical P&ID from reference documents [5], [6], [7], [8], [9], [10]).

5 SCOPE OF WORK

CONTRACTOR shall perform in-line inspection (for requirements refer to Section 8) of subsea pipeline (refer to Attachments 1, 2, 3) utilizing its own intelligent pigs and any other additional pigs (if necessary, e.g. gauge pigs etc.) and provide final report (refer to Section 10).

CONTRACTOR shall be fully responsible for cleanliness level of pipeline and related achievements of high-quality ILI results. CONTRACTOR may perform pre-in-line inspection cleaning if necessary (after basic cleaning done by COMPANY) of pipeline utilizing its own cleaning pigs.

CONTRACTOR shall guarantee availability to finish in-line inspection without any risks related to cleanliness of inner surface of pipeline and pig stuck.

All works shall be carried out in accordance with the specified requirements listed in section 1.6.1 Applicable Codes and Standards.

CONTRACTOR shall elaborate technical documentation for all type of works as per requirements and get COMPANY's approval.

Pigging medium will be water from water injection system or pipeline product. Exact medium will be chosen for particular pipeline and will be indicated in pipeline technical data (refer to Attachment 3).

As an option, water from water injection line with pressure 25Mpa will be used as a medium for pigging operations. The globe valve will be used to reduce pressure of WI line from 25Mpa to 4Mpa (maximum) in order to assure minimal required speed of pig (usually not less than 0.5 m/s).

CONTRACTOR shall take into account the current design and overall dimension of typical pig launcher/receiver to be installed on site by COMPANY, refer to Attachment 1.

Working access area (free space) in front of pig launcher / receiver will be not less than oversize section length of pig barrel.



5.1 CLEANING

5.1.1 BASIC CLEANING BY COMPANY

COMPANY will clean the pipeline prior to in-line inspection to be done by CONTRACTOR.

Cleaning of each pipeline will involve sending the numbers of pigs from launcher on the one platform and receiving to the receivers towards on respective platform.

The cleaning procedure will vary depending on the history of the pipeline, current use and products transported.

The goal of cleaning by pigs is to remove gradually deposits in a controlled manner beginning with foam pigs that can easily deform to accommodate diameter restrictions, building up to harder and more aggressive pigs.






The total number and type of cleaning pig runs will be determined based on the debris received from each cleaning run.




Different types & properties of cleaning pigs can be used for cleaning of subsea pipelines. Final type of pigs used for cleaning of particular pipeline will depend on particular pipeline condition.

NOTE: Here below is just a general view of possible cleaning pigs to be used, i.e., deviation, improvements and other approaches in cleaning process are allowable. Pictures of pigs are given for reference only.

The below table shows possible cleaning pigs could be used by COMPANY for the cleaning program of the pipelines.

Table 1 Cleaning pigs for cleaning BY COMPANY of the pipelines

Cleaning Stage	Type of pig	Picture (FOR REFERENCE ONLY)	Purpose	Estimated By-pass	Pulling Rope
1	Low or Medium-Density Wire brush Foam Pig		Bore-Prove Initial Cleaning start	5-10%	Yes
1	FDP8 Foam Disc Pig		Remove loose wax from pipeline	5%	Yes
1	HW Heavy Density Wire brush Foam Pig		Remove hard wax & corrosion products from pipeline wall	5-10%	Yes
1	UFDP Disc Type		Remove loose wax from pipeline	5%	Yes
2	GHS Hard Scale Foam Pig		Remove hard scale from pipeline wall	15 – 20%	Yes

Cleaning Stage	Type of pig	Picture (FOR REFERENCE ONLY)	Purpose	Estimated By-pass	Pulling Rope
2	Total-Wire Foam Wirebrush with High density		Remove hard scale from pipeline wall	15 – 20%	Yes
2	UFDP Disc Type		Remove loose scale from pipeline	5%	Yes
2	Steel bodied Mandrel Pig with brush		Remove hard scale from pipeline wall	5%	Yes

Pig types & properties, such as dimensions, density, coating, temp. range etc., should be described in pig specification (technical requirements) for particular pipeline project. In general, pipeline pigging cleaning operations is deemed successful, if:

- All pigs reached pig receiver successfully;
- Last cleaning pig arrived without significant damages;
- Pig speed was not less than 0.2m/s;
- Water coming out after pig contains no mud (e.g. soils like clay, sand, etc.);
- There is no welding rods or other objects coming out during cleaning operations;
- Pig's surface or disks don't have heavy damages;
- Hard debris (such as hard wax, sand etc.) coming out with cleaning pig not more than 0,5kg.
- Soft debris (such as soft wax) coming out with cleaning pig not more than 1 kg per 1km of pipeline.

5.1.2 PRE-ILI CLEANING BY CONTRACTOR

After basic cleaning done by COMPANY, then, if necessary, CONTRACTOR may perform pre-in-line inspection cleaning by its own cleaning pigs to the level of cleanliness that will be sufficient to receive high-quality results of ILI. CONTRACTOR shall be fully responsible for cleanliness level of pipeline after pre-ILI cleaning and related to it achievements of high-quality ILI results.


Before ILI work will get started, in order to ensure that level of pipeline cleanliness is enough to run smart pig, CONTRACTOR will be able also to run its own gauging pig.

5.2 IN-LINE INSPECTION

After completion of cleaning activities, pipelines will be ready for In-Line inspection (ILI).

CONTRACTOR is fully responsible to choose the ILI tool (smart pig) suitable for the specific pipeline section to be inspected, so that the ILI tool well matches the requirements set by the inspection objectives.

In case if after first ILI run quality data does not meet requirements (data loss more than 2%), then after re-cleaning (done by CONTRACTOR) CONTRACTOR shall perform relaunching of ILI tool (re-run) free of charge.

	TYPICAL ENGINEERING DOCUMENTATION TECHNICAL REQUIREMENTS FOR SUBSEA PIPELINES IN-LINE INSPECTION		VSP-NIPI-TYP-GP-PL8-TR-01	
	Rev.	1	Page	11 of 32

In case if intelligent (or gauging) pig get stuck, CONTRACTOR is fully responsible for dislodging of stuck pig and for all expenditures caused.

Before works started, CONTRACTOR shall provide a plan/procedure describing actions to be taken if pig get stuck.

The ILI shall be performed by CONTRACTOR in order to detect with a high accuracy and report all existing anomalies, such as:

- Metal Loss (External Corrosion, Internal Corrosion, Scratches);
- Deformation (Sharp Dents, Smooth Dents, Buckles, Wrinkles, ripples);
- Misc. Components (In-line Valves and Fittings, Bends, Branch Appurtenances/Hot taps, Close Metal Objects, Pipeline Coordinates);
- Other anomalies.

Throughout the operation, the following parameters shall be recorded:

- Time - hrs : min
- Flow rate of water discharging - M3 / hour
- Total volume of water displaced - M3

The following data shall be calculated:

- Pig Train Location - m
- ETA of pig into trap - hrs : min
- Average Pig Train Velocity - m/sec

Data as listed above shall be recorded at 30 minute intervals at all locations.

Throughout the operation the pig train location shall be tracked theoretically, using the total volume of water displaced.

6 QUALIFICATION REQUIREMENTS

✓ CONTRACTOR shall have at least 5 (five) years' experiences for similar nature of work.

✓ CONTRACTOR shall have all necessary licenses to carry out activities related to ILI scope of work.

✓ Cumulative length criteria using proposed ILI technology by CONTRACTOR shall be ≥500km (baseline surveys and re-runs shall not be considered for the purpose of meeting the length criteria).

✓ CONTRACTOR must provide the tool for data quality screening on-site after inspection and the detail method of the tool as well. The data quality check on-site after inspection must be provided within one day and not less than 98% for entire pipeline.

✓ The works completed during the last 5 (five) years shall only be considered.

✓ ILI tools to be used by the CONTRACTOR for the ILI shall meet the Specifications and Specific requirements of ILI tool (ref. to Section 8). Datasheet for ILI tools shall be included into CONTRACTOR's proposal.

✓ CONTRACTOR shall provide in its proposal reference projects list (including details, such as COMPANY's name, dates, ILI technology/tool used, pipeline length, cost, etc.).

✓ CONTRACTOR shall provide in its proposal reference letters of at-least three different hydrocarbon pipeline operators concerning ILI services provided to them by CONTRACTOR in last 5 (five) years.

✓ CONTRACTOR shall provide in its proposal equipment list (own/leased) to be used during ILI (with equipment characteristic). Own equipment, material and technical resources will be a benefit.

✓ CONTRACTOR shall have quality management system and provide certificate copy.

Personnel Qualification

✓ CONTRACTOR shall have the relevant certified and trained personnel having appropriate experiences to undertake the inspection activities.

✓ CONTRACTOR shall submit copies of certificates in accordance with ANSI/ASNT-ILI-PQ-2017 to support the requirement.



- ✓ CONTRACTOR shall provide its organization chart (for this project) with key personnel names (including curriculum vitae).
- ✓ Assigned Project Manager shall have done at least two ILI projects with similar cost & scale.

7 PROJECT RESPONSIBILITIES

Activities listed below in Table 2 are generalized (not limited) and will be adjusted with CONTRACTOR after bidding stage (if necessary).

Table 2 Responsibilities matrix

ACTIVITY	COMPANY	CONTRACTOR
Equipment delivery to Vung Tau		x
Equipment delivery from/to Vung Tau to/from offshore	x	
People transfer to offshore/onshore	x	
Design documentation for ILI (procedures, calculations, plans etc.)		x
Pig launcher/receiver supply	x	
EPCI for the works related to pig launcher/receiver connection to the existing facilities (pipes, bulk materials, supports etc.) and its further dismantle to revert to the initial state.	x	
Preparation works: dismantling of existing valve, flange, cutting pipe, all welding works etc.	x	
Pig launcher/receiver installation/deinstallation	x	
Intelligent Pig (Smart Pig) supply		x
Cleaning pigs supply for basic cleaning operations	x	
Cleaning pigs supply for pre-ILI cleaning operations		x
Power supply for conducting of operations	x	
Water supply for conducting of operations	x	
Pumps supply for conducting of operations	x	
Basic cleaning operations	x	
Pre-ILI cleaning operations		x
Conduct all In-line inspection operations		x
Dislodging of cleaning pig (in case stuck) from pipeline	x	
Dislodging of Intelligent Pig (Smart pig) or Gauging pig (in case stuck) from pipeline		x
Tanks for water discharge	x	
Provide connection to water and waste tanks	x	

8 IN-LINE INSPECTION REQUIREMENTS

All works shall be carried out in accordance with the specified requirements listed in section 1.6.1 Applicable Codes and Standards.

Typical specification and requirements for ILI are shown in tables below.

Table 3 ILI inspection tool minimum requirements

Inspection type	High Resolution Metal Loss and Geometry inspection
Inspection speed (Min-Max)	0.1 m/s – 2 m/s
Minimum Bend Radius	1.5D Back-to-back bends (straight pipe length between bends not less than 3D)
Minimum tool passage	70-80% of nominal ID
Inspection medium	Product / Water (to be specified in Attachment 3 for particular pipeline)


Table 4 Minimum Specifications for tools

Confidence level:	90%	
Detection capabilities:	Basic accuracy of depth measurements: ± 0.5 mm (0.02 in) For flat surfaces and wall thickness: ± 0.2 mm (0.008 in) Minimum detectable corrosion depth: 0.2 mm (0.008 in) Minimum size of pits to be detected: Indication and area extension, no depth measurement:	
	<ul style="list-style-type: none"> • Diameter: 10 mm (0.4 in) • Depth: 1.5 mm (0.06 in) With full-depth measurement:	
	Location Accuracy of distance to upstream girth weld at 90% confidence	0.5%
	Location Accuracy of distance from trap valve at 90% confidence	0.5%
	Location Accuracy of circumferential position at 90% confidence	0.5%

8.1 UNITS OF MEASUREMENTS

The following International System of Units (SI) symbols shall be used during the course of the ILI.

Liquid Flow Rate	m^3/h or litres/min
Gas Flow Rate	m^3/h
Pressure	MPa
Temperature	$^{\circ}C$
Volume	m^3 or litres
Length	m and mm
Mass	kg
Velocity	m/s

	<p style="text-align: center;">TYPICAL ENGINEERING DOCUMENTATION TECHNICAL REQUIREMENTS FOR SUBSEA PIPELINES IN-LINE INSPECTION</p>		VSP-NIPI-TYP-GP-PL8-TR-01		
			Rev.	1	Page	14 of 32

9 RESULTS ASSESMENT REQUIREMENTS

Overall Requirements

- a) Format of achievements and main contents submitted, including all reporting titles, list of characteristics and data specification, shall be specified. All characteristics and weld numbers specified in the contract and in reports of geometry, magnetic flux leakage, strain and above integrated reports shall be conforming.
- b) List of anomalies referenced upstream and downstream marker points and distance of anomalies shall be given; plus, thickness of pipe where anomalies are found shall be provided.
- c) Data software edition provided shall be clearly defined.
- d) Final inspection report, pipeline list and data interpretation software report shall be kept conforming.

Appropriate defect assessment methods shall be selected according to defect type and property, load type and pipe material property of pipelines at places of defects.

Defect type and common defect assessment methods are given in Table 5.



Table 5 Common defect assessment methods

Types of Defects	Recommended Criteria
Corrosion	ASME B31G DNV-RP-F101 API 579 BS 7910
Scratch	API 579 BS 7910
Manufacturing defects of pipe body	API 579 BS 7910
Dents	API 1156 API 1160 API 579 ASME B31.4 ASME B31.8 AS 2885.3 CSA Z662
Girth weld defects	API 579 BS 7910
Straight welding defects	API 579 BS 7910
Spiral weld defects	API 579 BS 7910

10 REPORTING REQUIREMENTS


The final report shall completely meet POF requirements, in particular, report shall include, but not limited to the following:

- detail description of all performed works on site,
- detail description of all tools and software used in course of work,
- outline defects and assessment results,
- indicate causes and conditions of pipeline defects/anomalies,
- specify countermeasures and provide suggestions to operational considerations,
- GPS coordinates and clock position of anomalies,
- calculation of ERF and MAOP for all corrosion anomalies,
- detail description of most serious anomalies,
- etc.

Besides, it shall also establish requirements on safe operation of pipelines or measures to be taken to make pipelines run very safely.

The final report shall be submitted in 6 (six) hard copies and 6 (six) copies in digitalized form on flash drives. The report shall include primary data as well.



	TYPICAL ENGINEERING DOCUMENTATION TECHNICAL REQUIREMENTS FOR SUBSEA PIPELINES IN-LINE INSPECTION		VSP-NIPI-TYP-GP-PL8-TR-01	
	Rev.	1	Page	16 of 32

11 RISKS ASSESSMENT

CONTRACTOR shall, prior to work commencement, prepare control measures as per risk identification results and incorporate them into ILI implementation plan.

Preventative measures shall include but not limited to the following:

- it is suggested to train ILI-related work staff on safety risks and preventative measures before ILI.
- During inspection, it is suggested to provide on-site work teams with two sets or more of foam pigs.
- Maintenance and repair personnel and materials shall be supplied in place.
- Process conversion of valve switches, receivers and launchers and other related operations in ILI process shall be strictly performed in accordance with regulations as stated in oil (gas) transportation instructions in corresponding stations.
- To reduce risks of disintegration of in-line inspection tools in the pipeline, inspection CONTRACTOR shall check parts of inspection tools in advance.
- To reduce risks of driving force failure in ILI cups, identification, analysis and targeted measures shall be made in advance on cup abrasion or bends where driving forces failure are possible.
- For risks of ILI tools being stuck or stopped, CONTRACTOR shall identify, analyze and take measures against pipeline sections of potential big deformations or branch pipes.
- For risks of operation anomaly of ILI tools incurred by process switch in in-line inspection, stable operation of processes shall be maintained during in-line inspection. If it is required to switch processes, it shall be conducted when ILI tools are in gentle regions.
- Replace launcher and receiver batteries every time before launching of inspection tools or pigs; switch launchers and receivers to the best working conditions.

12 HEALTH, SAFETY AND EXECUTIVE

12.1 GENERAL


Safety is the responsibility of all employees irrespective of their status and position. All employees shall ensure that their workplace is safe and functions efficiently and safely at all times in accordance with applicable HSE rules.

Safe working practices shall be implemented and adhered to at all times with particular attention being given to worksite safety and to any safety procedures provided.

Risk Assessment (RA) Meeting shall be organized on site before work commencement with participation of a RA team comprised a multidisciplinary team of personnel involved on the overall activity. The session shall be focused on the identification of any new source of hazard and analyze the risk rating in terms of likelihood and impacts as well as the implementation of control measures in order to verify that they are at ALARP level.

The following basis of safety rules shall be adhered to at all times:

- Help to prevent an accidents and injury before they occur.
- Report all situations including unsafe conditions, tools, equipment and working practices which may cause or lead to accidents or injury immediately to Project Management / Supervision in order that corrective measures can be taken.
- Do not under any circumstances remove, displace, damage or destroy any safety equipment provided for use on the Project Work Site.
- Good housekeeping shall apply thus maintaining the work place in an orderly, tidy and litter free condition at all times.

	TYPICAL ENGINEERING DOCUMENTATION TECHNICAL REQUIREMENTS FOR SUBSEA PIPELINES IN-LINE INSPECTION		VSP-NIPI-TYP-GP-PL8-TR-01	
	Rev.	1	Page	17 of 32

- All employees shall wear the minimum site required PPE at all times.
- Minimum PPE requirements are Safety boots, glasses, coverall, hard hat & gloves.
- Only authorized competent persons shall be allowed to operate plant and power tools.
- It is the responsibility of all employees to inspect their work area at the end of shift and ensure that all air, water, diesel and electrical supplies are shut down unless required by the oncoming shift personnel.
- When handling chemicals addition PPE must be worn i.e. rubber gloves, chemical suits and goggles.
- Prior to commencing work all personnel shall attend the relevant Site Safety Induction Course offshore and onshore.
- All personnel shall be aware of emergency procedures and will attend safety induction meetings and toolbox talks as required offshore and onshore.
- Personnel working offshore will hold current Offshore Survival Certificates (BOSIET certificate).
- All works shall be carried out in safe manner, using certified equipment. The work site will be maintained so that it functions safely and efficiently at all times.
- Where applicable permit to work procedures shall be strictly adhered to. No work shall commence until the required permit is signed on and in place.
- Personnel on site should be aware of the movement of equipment and any other simultaneous work being carried out in the area.
- Fire extinguishers and fire blankets will be provided for the diesel driven equipment.

12.2 ENVIRONMENT AND WASTE DISPOSAL PHLOSOPHY

Zero discharge policy shall be applied during execution of works related to ILI activities. All debris and water received from the pipeline during different activities shall be placed into disposal tanks and utilized onshore.

CONTRACTOR shall liaise with the COMPANY representative over all environmental issues concerning the ILI activities.

CONTRACTOR shall carry out an inspection of the site to identify any Environmental concerns. Possible concerns shall include contamination of air, seabed and water.

CONTRACTOR shall inform COMPANY site personnel of environmental hazards relating to the ILI activities.

Attention shall be given to any localized and site-specific environmental concerns and potential hazards.

Tool Box Talks shall include environmental issues as required.

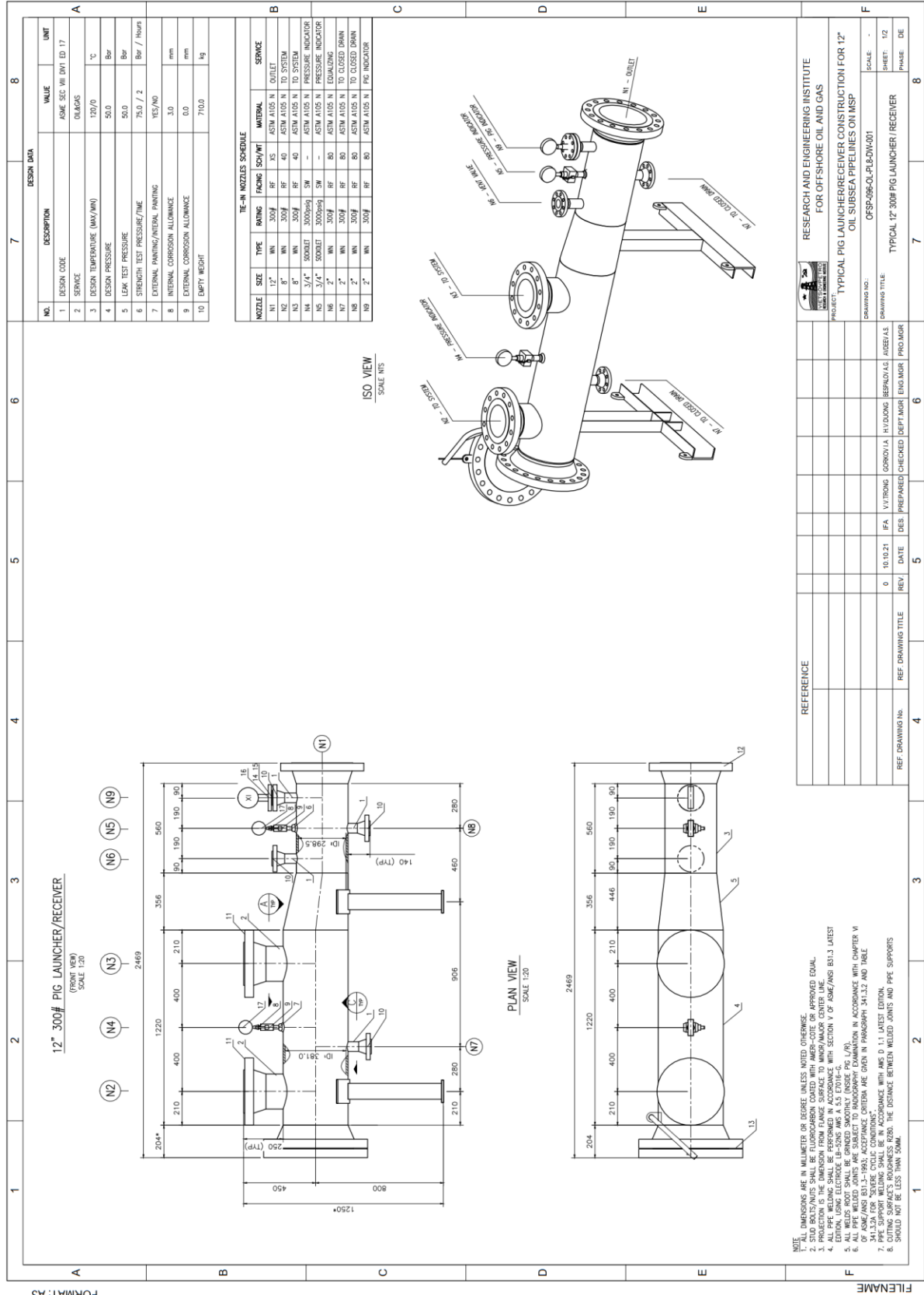
Materials from spill kits used to rectify hydrocarbon spillage shall be placed in polythene bags for disposal at a suitable and approved location.

Any spills shall be immediately reported to COMPANY.

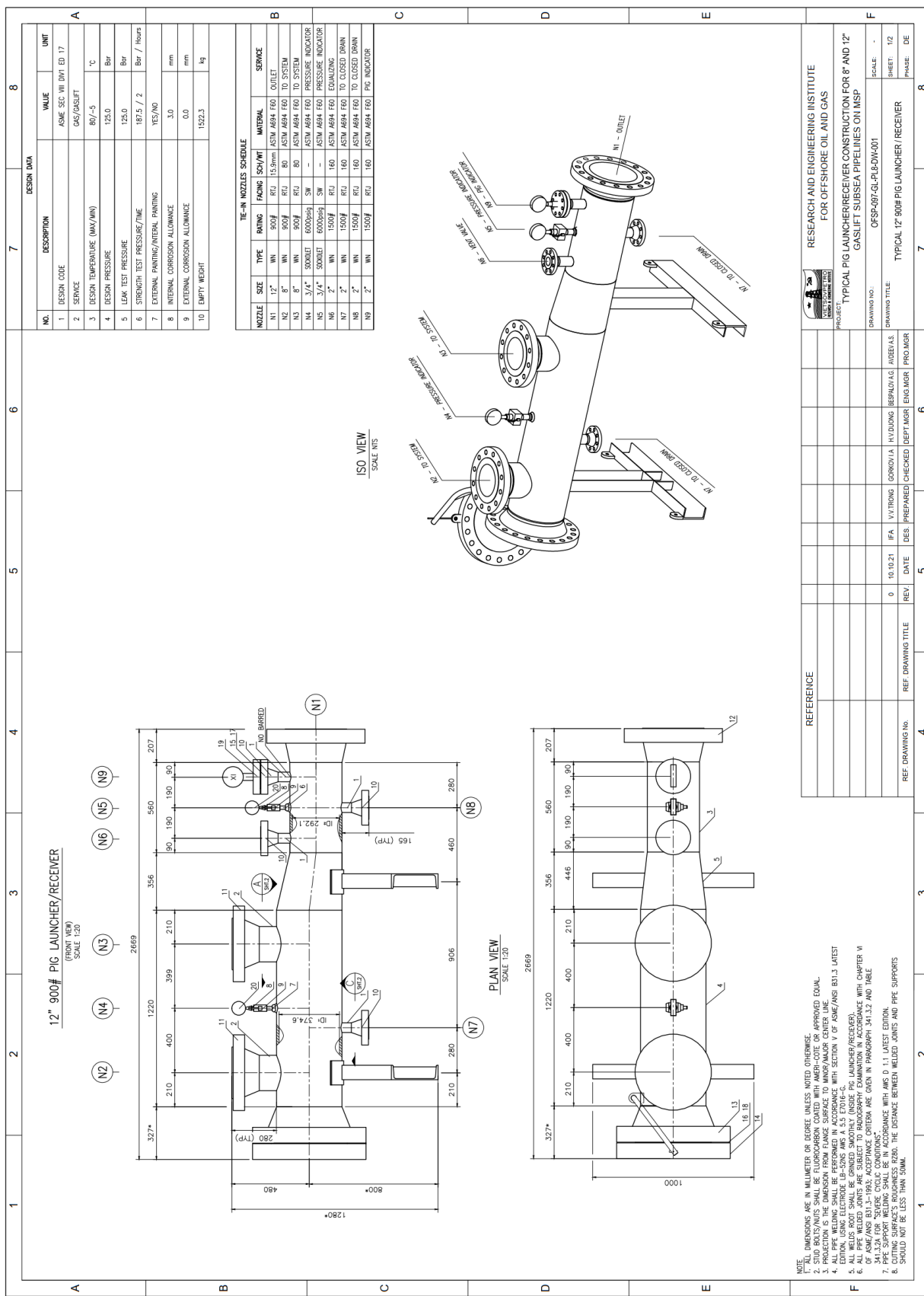


Attachment 1 TYPICAL PIG LAUNCHER / RECEIVER DRAWINGS

OFSP-096-OL-PL8-DW-001 TYPICAL 12 INCH 300# PIG LAUNCHER / RECEIVER



OFSP-097-GL-PL8-DW-001 TYPICAL 12 INCH 900# PIG LAUNCHER / RECEIVER



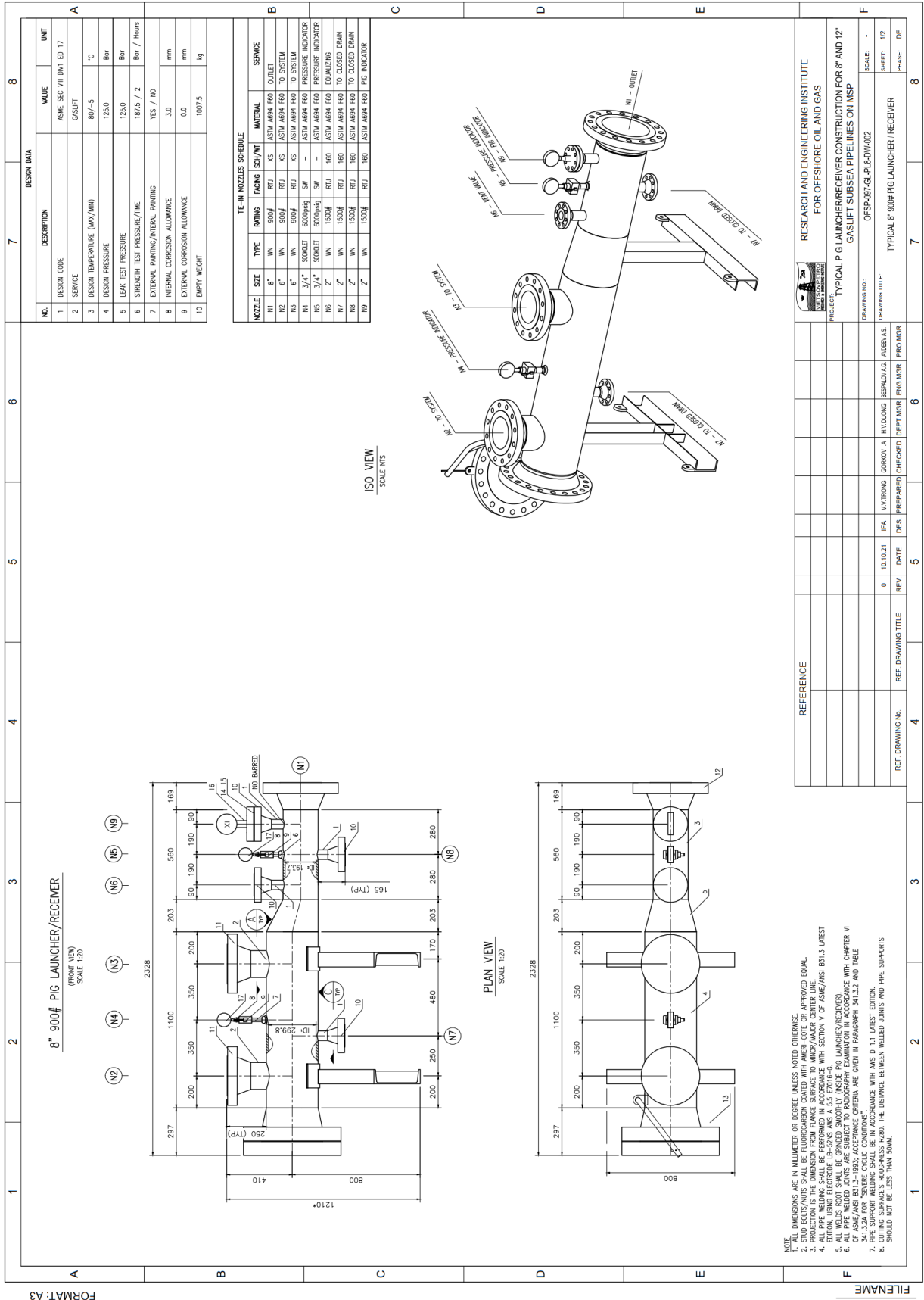


TYPICAL ENGINEERING DOCUMENTATION TECHNICAL REQUIREMENTS FOR SUBSEA PIPELINES IN-LINE INSPECTION

VSP-NIPI-TYP-GP-PL8-TR-01

Rev. 1 Page 21 of 32

OFSP-097-GL-PL8-DW-002 TYPICAL 8 INCH 900# PIG LAUNCHER / RECEIVER



RESEARCH AND ENGINEERING INSTITUTE
FOR OFFSHORE OIL AND GAS

PROJECT: TYPICAL PIG LAUNCHER/RECEIVER CONSTRUCTION FOR 8" AND 12" GASLIFT SUBSEA PIPELINES ON MSP
DRAWING NO.: OFSP-097-GL-PL8-DW-002
DRAWING TITLE: TYPICAL 8" 900# PIG LAUNCHER / RECEIVER

REF. DRAWING NO.	REF. DRAWING TITLE	REV.	DATE	DES.	PREPARED	CHECKED	DEPT	ENG. MGR	PRO. MGR
0		10.12.21		VFA	VYTRUNG	BOROVITA	HYDROUNG	RESOLUYA.G	AREEVA.S

SCALE: -
SHEET: 1/2
PHASE: DE

FORMAT: A3

FILENAME



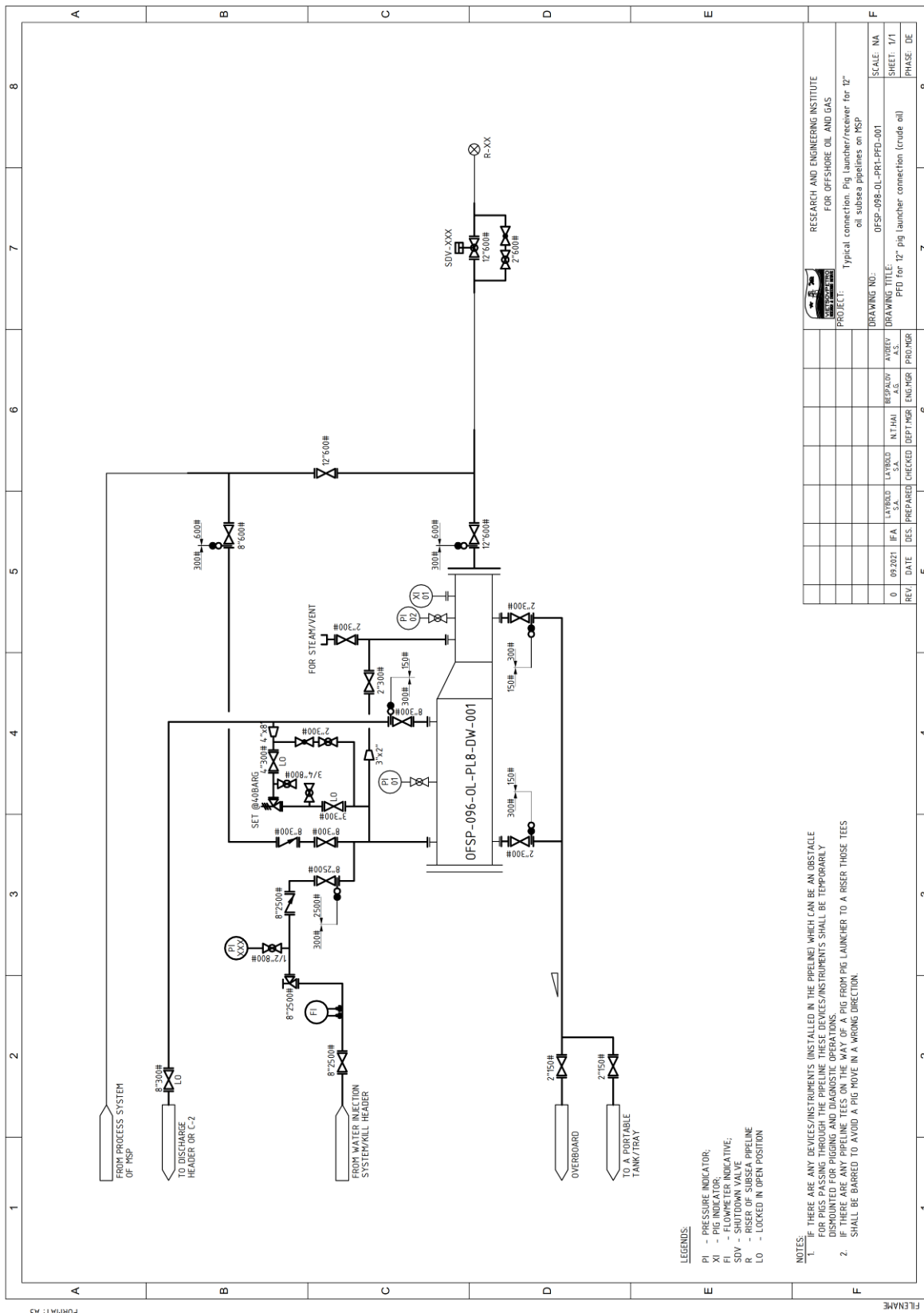
TYPICAL ENGINEERING DOCUMENTATION
**TECHNICAL REQUIREMENTS FOR SUBSEA
 PIPELINES IN-LINE INSPECTION**

VSP-NIPI-TYP-GP-PL8-TR-01

Rev. 1 Page 22 of 32

Attachment 2 TYPICAL P&ID

**ALWAYS USE LAST REVISION OF THIS DOCUMENT.
 OFSP-098-OL-PR1-PFD-001_0_PFD for 12 inch pig launcher connection (crude oil)**



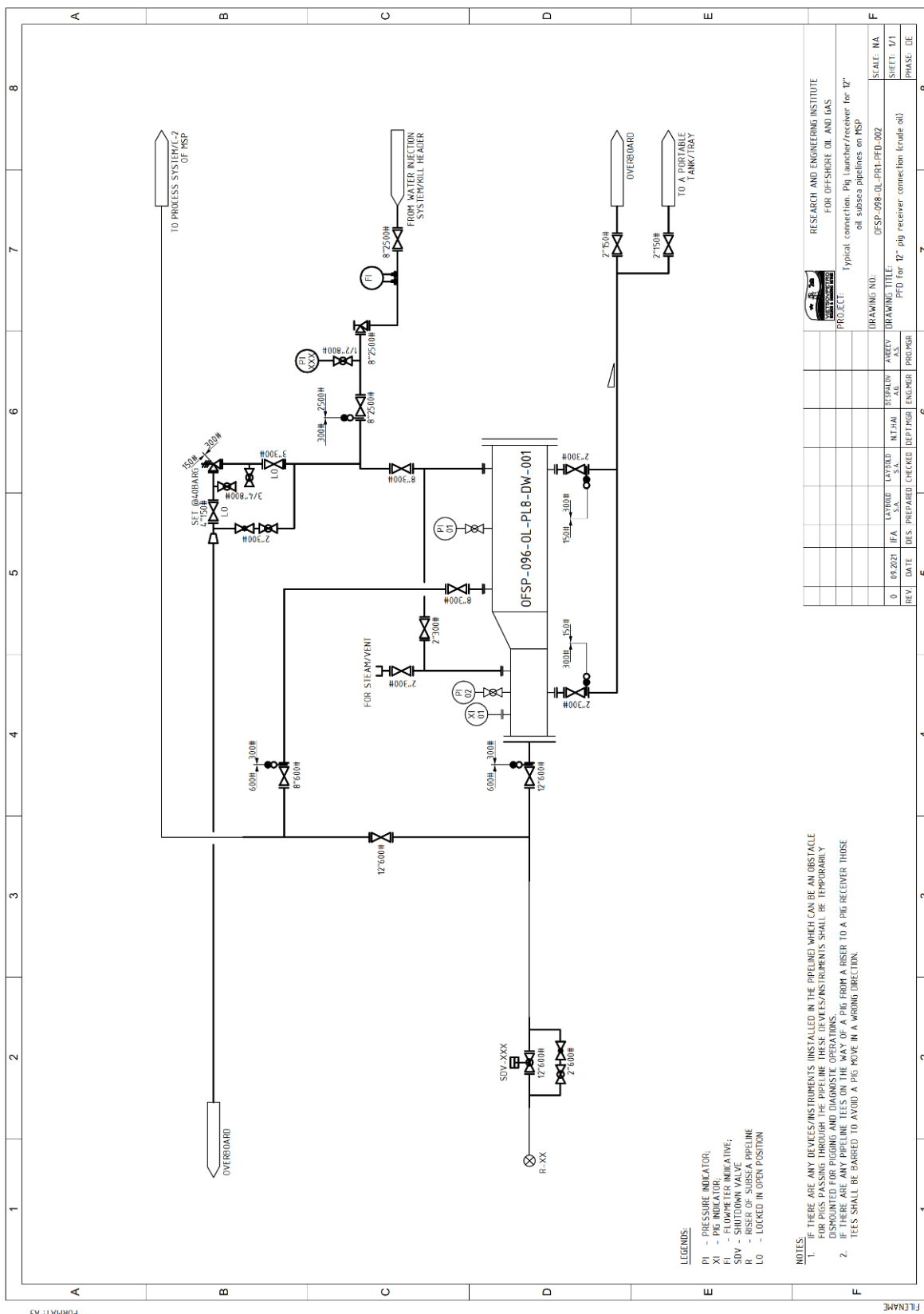


TYPICAL ENGINEERING DOCUMENTATION
TECHNICAL REQUIREMENTS FOR SUBSEA PIPELINES IN-LINE INSPECTION

VSP-NIPI-TYP-GP-PL8-TR-01

Rev. 1 Page 23 of 32

OFSP-098-OL-PR1-PFD-002_0_PFD for 12-inch pig receiver connection (crude oil)



LEGENDS:

- PI - PRESSURE INDICATOR;
- PI - PIG INDICATOR;
- SI - STOP INDICATOR;
- SDV - SHUTDOWN VALVE;
- R - RISER OF SUBSEA PIPELINE;
- LO - LOCKED IN OPEN POSITION.

- NOTES:**
1. IF THERE ARE ANY DEVICES/INSTRUMENTS INSTALLED IN THE PIPELINE WHICH CAN BE AN OBSTACLE FOR PIGS PASSING THROUGH THE PIPELINE THESE DEVICES/INSTRUMENTS SHALL BE TEMPORARILY DISMOUNTED FOR PIGGING AND DIAGNOSTIC OPERATIONS.
 2. IF THERE ARE ANY PIPELINE TEES ON THE WAY OF A PIG FROM A RISER TO A PIG RECEIVER THESE TEES SHALL BE BARRED TO AVOID A PIG PROBE IN A WRONG DIRECTION.

RESEARCH AND ENGINEERING INSTITUTE FOR OFFSHORE OIL AND GAS	
PROJECT: Typical connection. Pig launcher/receiver for 12" oil subsea pipelines on MSP	
DRAWING NO.:	OFSP-098-OL-PR1-PFD-002
DRAWING TITLE:	PFD for 12" pig receiver connection (crude oil)
SCALE:	NA
SHEET:	1/1
PHASE:	DE
REV.	DATE
0	09/2021
DESIGNED BY:	HA S.A.
CHECKED BY:	HA S.A.
APPROVED BY:	HA S.A.
DATE:	09/2021
DESIGNED BY:	HA S.A.
CHECKED BY:	HA S.A.
APPROVED BY:	HA S.A.
DATE:	09/2021

FORMAT: A3

FILENAME

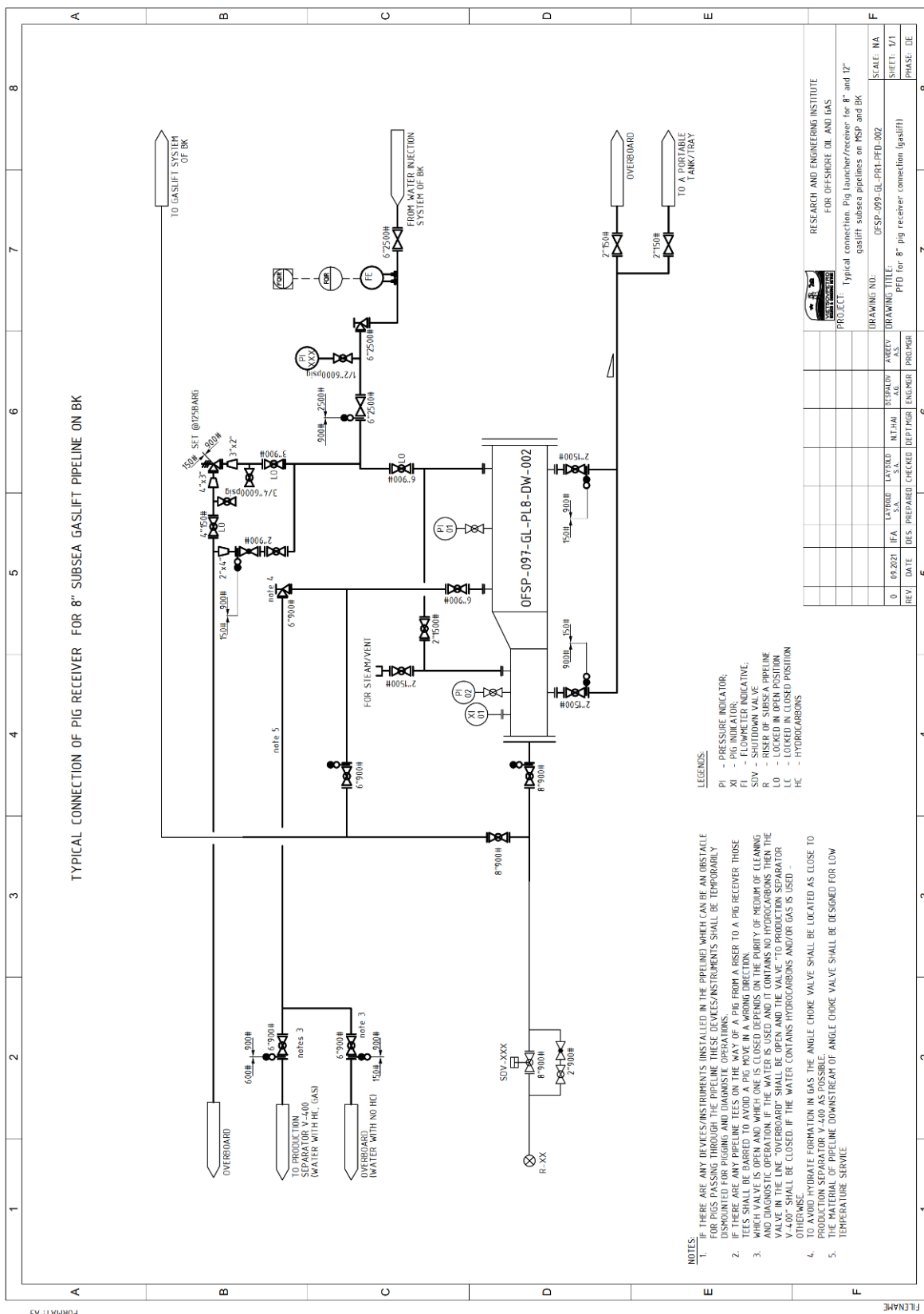


TYPICAL ENGINEERING DOCUMENTATION
TECHNICAL REQUIREMENTS FOR SUBSEA PIPELINES IN-LINE INSPECTION

VSP-NIPI-TYP-GP-PL8-TR-01

Rev. 1 Page 25 of 32

OFSP-099-GL-PR1-PFD-002_0_PFD for 8-inch pig receiver connection (gaslift)



FORMAT: A3

FILENAME

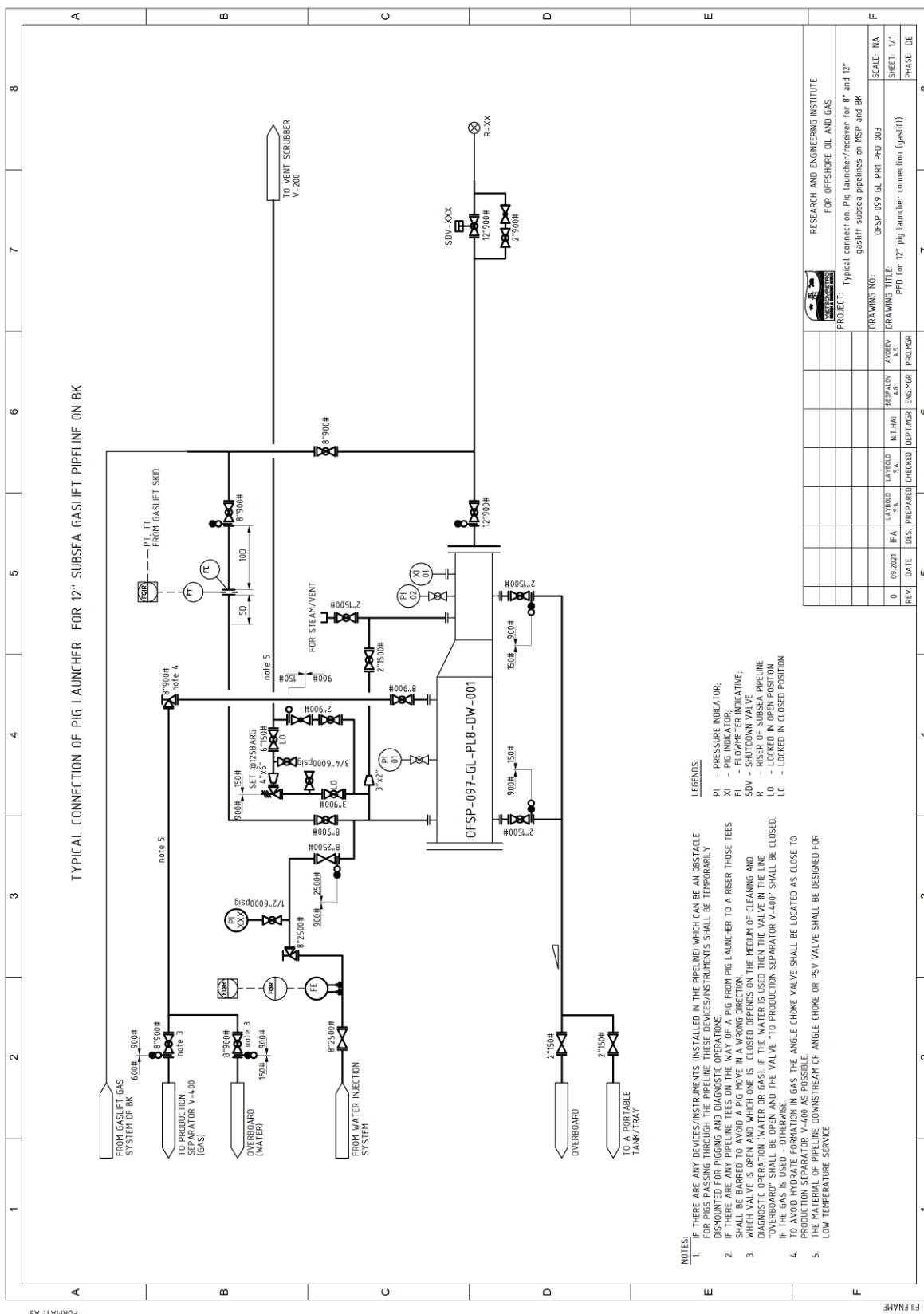


TYPICAL ENGINEERING DOCUMENTATION
TECHNICAL REQUIREMENTS FOR SUBSEA PIPELINES IN-LINE INSPECTION

VSP-NIPI-TYP-GP-PL8-TR-01

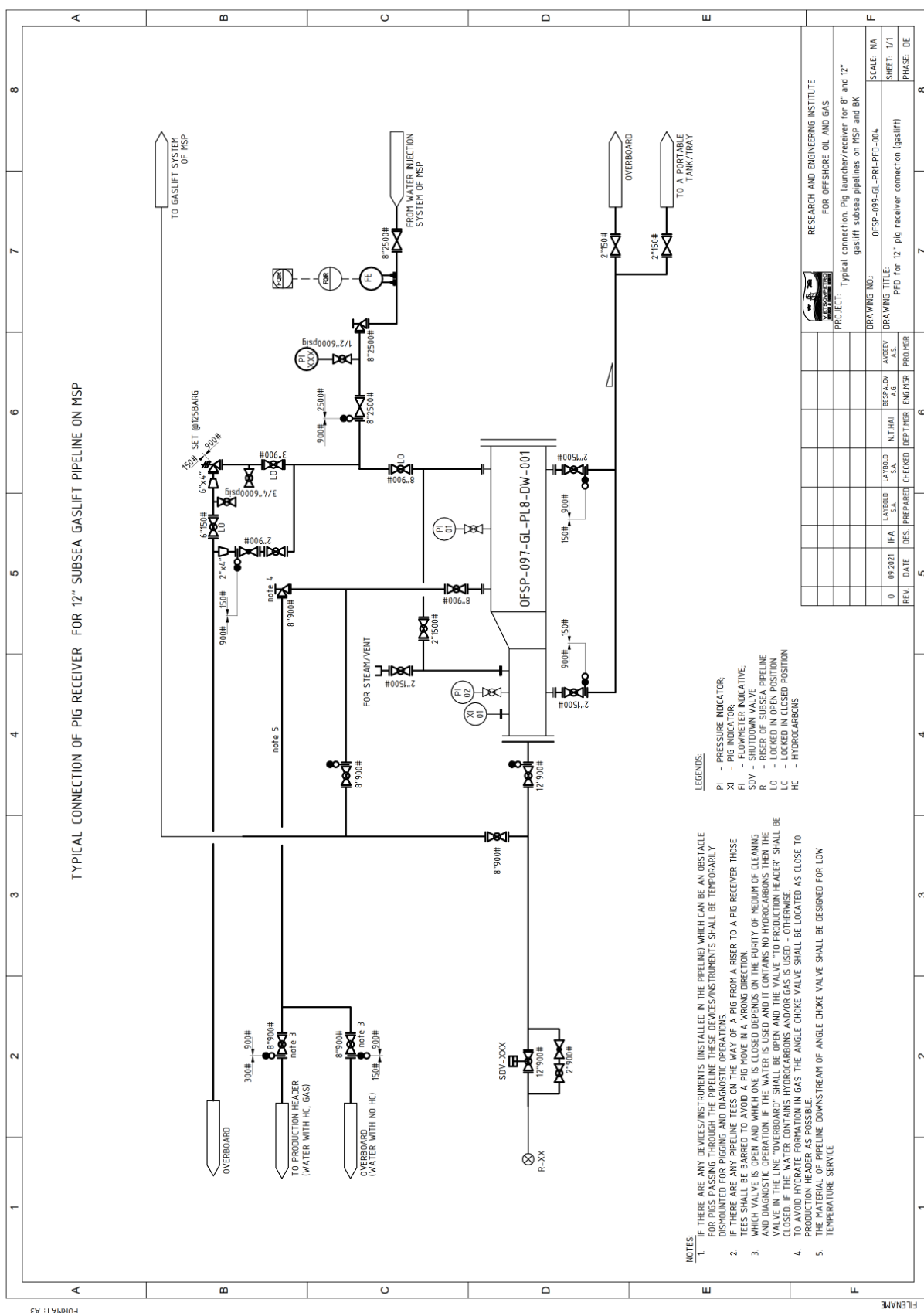
Rev. 1 Page 26 of 32

OFSP-099-GL-PR1-PFD-003_0_PFD for 12-inch pig launcher connection (gaslift)



RESEARCH AND ENGINEERING INSTITUTE FOR OFFSHORE OIL AND GAS	
PROJECT: Typical connection: Pig launcher/receiver for 8" and 12" gaslift subsea pipelines on MSP and BK	
DRAWING NO.:	OFSP-099-GL-PR1-PFD-003
DRAWING TITLE:	PFD for 12" pig launcher connection (gaslift)
SCALE:	NA
SHEET:	1/1
PHASE:	DE
REV.	DATE
DES.	CHKD
ENGR	PRGR
0	09/2021
IFA	S.A.
LAYBLD	S.A.
LAYBLD	S.A.
MEP/ADP	A.S.
MEP/ADP	A.S.
N.T.HAI	ENG
DEPT/ENGR	PRGR

OFSP-099-GL-PR1-PFD-004_0_PFD for 12-inch pig receiver connection (gaslift)



Attachment 3 PIPELINE TECHNICAL & FLUID DATA

This attachment to be filled in for particular subsea pipeline subject for in-line inspection

Pipeline Name	XX – YY
Service Product	
Design flowrate	
Riser pipelines at XX	
Nominal outside diameter	
Nominal inside diameter	
Material Grade	
Wall Thickness	
Bends (elbows) at XX	
Number of bends (elbows)	
Location of bends (elbows)	
Nominal outside diameter	
Nominal inside diameter	
Material Grade	
Wall Thickness	
Tee-branches at XX	
Number of T-branch	
Location of T-branch	
Nominal outside diameter	
Nominal inside diameter	
Material Grade	
Wall Thickness	
Reducer at XX	
Number of reducers	None
Location of reducer	None
Nominal outside diameter	
Nominal inside diameter	
Material Grade	
Wall Thickness	





TYPICAL ENGINEERING DOCUMENTATION
TECHNICAL REQUIREMENTS FOR SUBSEA
PIPELINES IN-LINE INSPECTION

VSP-NIPI-TYP-GP-PL8-TR-01

Rev. 1 Page 29 of 32

Riser pipelines at YY	
Nominal outside diameter	
Nominal inside diameter	
Material Grade	
Wall Thickness	
Bends (elbows) at XX	
Number of bends (elbows)	
Location of bends (elbows)	
Nominal outside diameter	
Nominal inside diameter	
Material Grade	
Wall Thickness	
Tee-branches at YY	
Number of T-branch	
Location of T-branch	
Nominal outside diameter	
Nominal inside diameter	
Material Grade	
Wall Thickness	
Reducer at YY	
Number of reducers	
Location of reducer	
Nominal outside diameter	
Nominal inside diameter	
Material Grade	
Wall Thickness	
Line pipes	
Pipe Diameter	
Wall Thickness	
Internal Coatings	
Length	
Design Pressure	

Maximum Operating Pressure	
Maximum Operating Temp	
Minimum Bend Radius	
Material Grade	
Pigging Medium	
Pigging History	
Year Installed	

PIPELINE FLUID COMPOSITION
to be filled in for particular subsea pipeline subject for in-line inspection

Gaslift gas composition form (as an example at outlet of Dragon Gas Compressor Platform)

No	Component	Range, % Mole
1	N ₂	0.586
2	CO ₂	0.219
3	Methane	76.051
4	Ethane	11.994
5	Propane	7.209
6	I-Butane	1.096
7	N-Butane	1.649
8	I-Pentane	0.359
9	N-Pentane	0.331
10	Hexanes	0.219
11	Heptanes	0.147
12	Octanes	0.081
13	Nonanes	0.043
14	Decanes	0.015
15	Undecanes	0.001
16	Dodecanes Plus	0.000
17	H ₂ O (g/m ³)	
18	H ₂ S (ppm)	16.0
19	Hg (ug/m ³)	
	Total (1-16)	100.000
20	Real Dry Gas, 15oC, 1bar	
20.1	Rel. Molar Mass	21.78

20.2	Molar CV Superior, kJ.mol-1	1134.65
20.3	Molar CV Inferior, kJ.mol-1	1029.57
20.4	Mass CV Superior, Mj.kg-1	52.10
20.5	Mass CV Inferior, Mj.kg-1	47.27
20.6	Volume CV Superior, Mj.m-3	48.20
20.7	Volume CV Inferior, Mj.m-3	43.74
20.8	Relative Density	0.7550
20.9	Density, kg.m-3	0.9252
20.10	Wobbe Index, Mj.m-3	55.47

Physical-chemical properties of oil form (as an example at "White Tiger" oil field)

Composition	Mass content (% molal)	Molecular mass (g/mol)	Density at 20°C (g/cc)
N2	0.305	28.01	
CO2	0.053	44.01	
H2S	0.000	34.08	
CH4	46.038	16.04	
C2H6	8.588	30.07	
C3H8	5.406	44.10	
i-C4H10	1.476	58.12	
n-C4H10	2.299	58.12	
i-C5H12	0.835	72.15	
n-C5H12	0.963	72.15	
C6, Tboil = 64.07°C	1.339	85.14	0.6924
C7, Tboil = 92.41°C	2.622	94.62	0.7270
C8, Tboil = 116.85°C	2.446	107.07	0.7476
C9, Tboil = 142.41°C	2.309	122.44	0.7644
Fraction C9R – 175°C	2.198	135.68	0.7762
Fraction 175 – 200°C	2.182	150.15	0.7854
Fraction 200 – 250°C	4.165	173.73	0.7944
Fraction 250 – 300°C	4.410	219.56	0.8122
Fraction 300 – 350°C	3.414	279.07	0.8348
Fraction 350 – 400°C	2.309	332.06	0.8617
Fraction 400 – 450°C	2.127	393.10	0.8858
Fraction 450 – 500°C	1.961	465.58	0.8962
Fraction > 500°C	2.556	807.67	0.9107

- crude oil molal mass (g/mol): 103.5
- Molal mass C7+, (g/mol): 264.3
- Density C7+ at 20°C, (g/cc): 0.8452
- Reservoir temperature average value, °C: 141.7
- Oil&gas bubble point pressure, MPa: 21.9
- Crude oil density at oil&gas bubble point pressure, (g/cc): 0.6185



Physical-chemical properties of oil after standard separation form (as an example at “White Tiger” oil field)

Criteria	Unit	Value
Density	g/cc	831.0
molal mass	g/mol	255.8
Temperature:	°C	
- setting solid		33.1
- paraffin melting		57.9
- paraffin saturation		57.5
Viscosity	mPas	
- at 50°C		4.180
- at 70°C		2.636
Content:	% mass	
- sulfur		0.032
- paraffin		23.10
- polyester resins and asphaltenes		2.68
- coke		0.70
- base oils		13.37
Viscosity index		85
Initial boiling point	°C	70.6
Fractional yield:	% volumetric	
Up to 100°C		2.1
Up to 150°C		9.4
Up to 200°C		18.8
Up to 250°C		28.2
Up to 300°C		38.8

Formation water physical-chemical properties form (as an example at “White Tiger” oil field)

Criteria	Value
Water density (g/cc)	1.0032
pH	6.64
Total salt content (g/l)	6.97
Ion content in water (mg/l):	
Cl ⁻	3995.22
SO ₄ ⁻	181.5
HCO ₃ ⁻	91.5
Ca ⁺⁺	612.47
Mg ⁺⁺	9.84
Na ⁺ K ⁺	2078.62



**RESEARCH AND ENGINEERING INSTITUTE
FOR OFFSHORE OIL AND GAS**



PROJECT NAME : IN LINE INSPECTION OF 3 PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN 2026

DOCUMENT TITLE : TECHNICAL EVALUATION CRITERIA FOR 12 INCH OIL PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN-LINE INSPECTION IN 2026

DOCUMENT No. : OFSP-379-GP-PL8-TE-001

PHASE : BIDDING





	<p>IN LINE INSPECTION OF 3 PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN 2026</p> <p>TECHNICAL EVALUATION CRITERIA FOR 12 INCH OIL PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN-LINE INSPECTION IN 2026</p>	<p>OFSP-379-GP-PL8-TE-001</p>		
		<p>Rev.</p>	<p>0</p>	<p>Page</p>	3 of 9

TABLE OF CONTENTS

1.	GENERAL.....	4
	1.1. INTRODUCTION.....	4
	1.2. VIETSOVPETRO OIL FIELD DEVELOPMENT	4
	1.3. ABBREVIATIONS AND SYMBOLS	6
	1.4. PURPOSE OF THIS DOCUMENT	6
2.	DETAIL TECHNICAL EVALUATION CRITERIA	6



	<p>IN LINE INSPECTION OF 3 PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN 2026</p> <p>TECHNICAL EVALUATION CRITERIA FOR 12 INCH OIL PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN-LINE INSPECTION IN 2026</p>	<p>OFSP-379-GP-PL8-TE-001</p>		
		Rev.	0	Page	4 of 9

1. GENERAL

1.1. INTRODUCTION

This document describes technical evaluation criteria for In-line Inspection (ILI) - intelligent pigging survey of three (03) 12 inch oil subsea pipelines: **MSP1 – BK2, MSP1 – MSP8 and RCDM – RC4.**

This document has been revised and updated with criteria from the typical document “VSP-NIPI-TYP-GP-PL8-TE-01_0_Technical Evaluation Criteria for Subsea Pipelines In-Line Inspection”. It will be used for technical assessment during the bidding stage.

1.2. VIETSOVPETRO OIL FIELD DEVELOPMENT

Vietsovpetro's Core Businesses include conducting scientific research, exploration drilling, field development engineering, producing - gathering - processing oil, gas, and condensate in Block 09-1. Provide technical and petroleum-related services to COMPANYS in Vietnam, Russian Federations, and third-party countries.


Offshore, at Block 09-1, Vietsovpetro has developed and is currently producing oil and gas from five (05) oilfields, including: White Tiger, Dragon, White Bear, White Rabbit, and South Dragon - Tortoise. Vietsovpetro has drilled nearly 450 exploration and production wells, constructed a combination of 50 offshore projects to support oil and gas production activities, including 13 fixed platforms, 23 wellhead platforms, 02 central processing platforms, 03 gas compression platforms, 02 water-injection platforms to maintain reservoir pressure, 03 FSOs, and dozens of other auxiliary works. All constructions are integrated into continuous technological systems through hundreds of kilometers of cables and 793 kilometers of inter-connected infield subsea pipelines. In 2016, Vietsovpetro developed and put into operation the Thien Ung gas field at Block 04-3. In 2018, Vietsovpetro developed and put into operation the Ca Tam oil field at Block 09-3/12.

There are submarine pipelines connecting one offshore platform with another:

- Crude oil pipelines (production pipelines);
- Gaslift pipelines;
- Associated gas pipelines;
- Water injection pipelines.

At Figure 1, existing platforms and submarine pipelines are shown.



	IN LINE INSPECTION OF 3 PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN 2026	OFSP-379-GP-PL8-TE-001		
	TECHNICAL EVALUATION CRITERIA FOR 12 INCH OIL PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN-LINE INSPECTION IN 2026	Rev.	0	Page	6 of 9

1.3. ABBREVIATIONS AND SYMBOLS

ASNT	American Society For Nondestructive Testing
ISO	International Organization for Standardization
ILI	In – line Inspection
COMPANY	Vietsovpetro Joint Venture (VSP)
CONTRACTOR	The CONTRACTOR who will carry out the works for the PROJECT
TE	Technical Evaluation criteria for In-line Inspection (ILI) intelligent survey by smart pig


1.4. PURPOSE OF THIS DOCUMENT

This document defines technical evaluation criteria (TE) of CONTRACTOR for In-line Inspection (ILI) intelligent survey of the oil, oil & gas mixture, gas, and gaslift pipelines operated by COMPANY.

2. DETAIL TECHNICAL EVALUATION CRITERIA


Evaluation levels			Evaluation Criteria	Evaluation score			Remarks
Level 1	Level 2	Level 3		Level 1 (points)	Level 2 (%)	Level 3 (%)	
1	2	3	4	5	6	7	8
1			EXPERIENCE AND ABILITY TO PERFORM SCOPE OF WORK	15			
	1.1		At least 5 (five) years experience for similar projects		40%		
	1.2		Detailed reference projects list provided		20%		
	1.3		References (letters) from different pipeline operators to whom ILI services has been provided		25%		
	1.4		Cumulative length criteria using proposed ILI technology is more than 500 km (if not – minus 3% for every 100km)		15%		



	IN LINE INSPECTION OF 3 PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN 2026	OFSP-379-GP-PL8-TE-001		
	TECHNICAL EVALUATION CRITERIA FOR 12 INCH OIL PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN-LINE INSPECTION IN 2026	Rev.	0	Page	7 of 9


Evaluation levels			Evaluation Criteria	Evaluation score			Remarks
Level 1	Level 2	Level 3		Level 1 (points)	Level 2 (%)	Level 3 (%)	
2			SCOPE OF WORK AND TECHNICAL SOLUTIONS	50			
	2.1		Comply With Technical Requirements		20%		
		2.1.1	Comply with scope of work and procedures (implementation plan, pig dislodging plan, risk assessment study, etc.)			30%	
		2.1.2	Comply with required quality results (minimal specifications)			50%	
		2.1.3	Comply with technical solutions and measures			20%	
	2.2		Equipment		40%		
		2.2.1	Equipment certified and meets minimal specification. The performance specifications for In-Line Inspection (ILI) tool should comply with the Pipelines Operators Forum document (version 2016) with regards to the format of tables and the terminology used.			70%	
		2.2.2	Contractor owns equipment for ILI (smart pigs)			15%	
		2.2.3	Contractor must specify the exact number of available inline inspection (ILI) tools			15%	
	2.3		Organization Chart and Subcontractors		10%		
		2.3.1	Detailed organization chart provided			40%	
		2.3.2	Contractor performs all works without subcontractors (Contractor has one subcontractor – minus 15%, Contractor has more than one subcontractor – minus 10% for each subcontractor)			60%	
	2.4		Health And Safety Executive		5%		
	2.5		Quality Management System (ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007 or ISO 45001:2018 Certificates)		5%		



	IN LINE INSPECTION OF 3 PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN 2026	OFSP-379-GP-PL8-TE-001		
	TECHNICAL EVALUATION CRITERIA FOR 12 INCH OIL PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN-LINE INSPECTION IN 2026	Rev. 0	Page	8 of 9

Evaluation levels			Evaluation Criteria	Evaluation score			Remarks
Level 1	Level 2	Level 3		Level 1 (points)	Level 2 (%)	Level 3 (%)	
	2.6		Schedule Of Work Meets Project Dates		10%		
		2.6.1	Detailed schedule for works on-site (offshore)			25%	
		2.6.2	Detailed schedule for data processing (results assessment onshore)			25%	
		2.6.3	Contractor previously performed ILI run for VSP but was delayed beyond the contractual deadline (for any reason attributable to the contractor) - Minus 10% for each month of delay			50%	
	2.7		Report after ILI run must be followed the requirement in item 3.6 in Technical Requirement		10%		
3			PERSONNEL	35			
	3.1		All personnel qualified, certified, and trained per ANSI/ASNT-ILI-PQ-2010/2017		25%		
	3.2		Project Manager		25%		
		3.2.1	Have done at least two ILI projects with similar cost and scale			80%	
		3.2.2	Have permanent contract, fluent in English, or Russian, or Vietnamese			20%	
	3.3		Field Personnel		25%		
		3.3.1	Have done at least two ILI projects with similar cost & scale			80%	
		3.3.2	Have permanent contract, fluent in English, or Russian, or Vietnamese			20%	
	3.4		Data engineers (office analysis)		25%		
		3.4.1	Has done at least two ILI projects with similar cost and scale			40%	
		3.4.2	Availability of Level 3 Data analysis			40%	
		3.4.3	Have permanent contract			20%	
Total of Level 1				100			



	<p>IN LINE INSPECTION OF 3 PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN 2026</p> <p>TECHNICAL EVALUATION CRITERIA FOR 12 INCH OIL PIPELINES MSP1-BK2, MSP1-MSP8, RCDM-RC4 IN-LINE INSPECTION IN 2026</p>	<p>OFSP-379-GP-PL8-TE-001</p>		
		<p>Rev.</p>	<p>0</p>	<p>Page</p>	9 of 9

- **Disqualified Conditions:**
 - Any item of the items 2.7, 3.1 (level II), 2.1.1, 2.1.2, 2.2.1, 3.2.1, 3.3.1, 3.4.1. 3.4.2 (level III) is equal to 0.
- **Passed Conditions: All of the below conditions:**
 - Total score is equal or higher than 80 points;
 - No item of the items 2.7, 3.1 (level II), 2.1.1, 2.1.2, 2.2.1, 3.2.1, 3.3.1, 3.4.1. 3.4.2 (level III) is equal to 0.

