

INVITATION TO BID

Bidding package No: VT-3610/25-XL-DA-TLAT

Title of bidding package: Safety Equipment for RC12

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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 goods supply, technical requirements, drawing for description the specification of goods and related services; contents on inspection and testing of goods (if any).

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 Supply
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- Technical evaluation criteria
- Other technical documents.... with 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	1.1. Employer as specified in the Bid Data Sheet (BDS) issues this Invitation to Bid for selection of Bidder to implement bidding package for procurement of goods following single-stage one-envelope procedure. 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.
2. Explanation of terms used in bidding	2.1. The Deadline for bid submission is the deadline for submission bids and is specified in the Invitation to Bid. 2.2. Day refers to Gregorian calendar day, including weekends, holidays, and Tet holidays according to the provisions of labor law. 2.3. Time and day, month on the national bidding network shall be defined time and day, month published the national bidding network (GMT+7).
3. Source of Funds	Source of funding (or method of capital arrangement) for bidding package as specified in BDS .
4. Prohibited acts in bidding	4.1. Offering, giving, receiving or taking a bribe. 4.2. Abusing positions or entrusted power to influence or illegally intervene in bidding process in any form. 4.3. Collusive practice, including: 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. 4.4. Fraudulent practice, including: 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. 4.5. Obstructive practice, including: 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;

	<ul style="list-style-type: none"> 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; đ) Acts of violation against laws and regulations on cybersecurity and safety intended to intervene or impede the online bidding process. <p>4.6. Inequality and non-transparency, including:</p> <ul style="list-style-type: none"> a) A bidder of a package or investment project is also the Vietsovpetro or employer or takes charge of performing tasks of the 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 the 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 the 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; đ) 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; e) A person acts as a bidder for a package of a project or investment project of the 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; <p>4.7. Unauthorized disclosure of the following information and documents on the contractor/investor selection:</p> <ul style="list-style-type: none"> a) Contents of bidding documents 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; c) Content of request for clarification of Bid proposals of the
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	<p>Vietsovetro and responses of bidders during the evaluation process of Bid proposals before publishing the bidder selection result;</p> <p>d) Report of the Vietsovetro, report of the Expert Group, appraisal report, report of consulting bidder, report of relevant professional authorized organization during the bidder selection process before publishing the bidder selection result;</p> <p>đ) The bidder selection result before being published according to regulation as prescribed;</p> <p>4.8. Illegal transfer of awarded contract:</p> <p>a) The contractor transfers to other contractor(s) a workload of task 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 workload 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 of establishment and operation issued by the competent authority of the country where the bidder 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 Point 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) It's 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, 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 the terms, conditions, data and forms that constitute the complete contract.</p> <p>Part 4. Appendices</p> <p>6.2. Vietsovetro is not responsible for the preciseness, completeness of the Invitation to Bid, explanation for clarification documents or</p>

	<p>amendment of Invitation to Bid as prescribed in ITB 7 if these documents are not provided by Vietsovpetro. In case of any contradiction, documents issued by Vietsovpetro shall prevail.</p> <p>6.3. The bidder shall examine all instructions, forms, supply requirements and other requirements in the Invitation to Bid for preparation Bid Proposal including all information or documentation as required by the Invitation to Bid.</p>
<p>7. Clarification, Amendment of Invitation to Bid</p>	<p>7.1. The amendment of the Invitation to Bid shall be made as prescribed in BDS prior to the deadline for submission of bid proposal 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 the submission of bid proposals.</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 contractors 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>
<p>8. Cost of bidding</p>	<p>The bidder shall bear all costs associated with the preparation and submission of its Bid Proposal. Vietsovpetro shall not be liable for those cost under any circumstances.</p>
<p>9. Language of Bid Proposal</p>	<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 shall comprise 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 adequacy of goods and related services, in accordance with ITB 15;</p> <p>10.8. Price proposals and price schedules with full information, in accordance with ITB 11, 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>
11. Application for bidding form and price schedules	The application for bidding form and respective price schedules shall be prepared using the relevant forms furnished in Chapter IV, Bidding Forms.
12.Proposals of technical alternatives	<p>12.1. In case Invitation to Bid stipulates in BDS for probability of technical alternatives, then those technical alternatives shall be considered.</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, costs and other relevant information. The evaluation of technical alternatives in accordance with Section 5, Chapter III.</p>
13.Biding prices and discounts	<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).</p> <p>b) In case the bidding packages is not devided 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 goods”, “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</p>

	<p>to provide goods, services in accordance with requirements of Invitation to Bid and not receive payment from Vietsovptero during implementation of contract. Bidder is required to offer prices in each Price schedules as prescribed in BDS.</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 <i>VND/ USD/ EUR</i>. Cost incurred inside Vietnam shall be offered in VND. Cost incurred outside Vietnam shall be offered in <i>VND/ USD/ EUR</i>. 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 Goods and Related Services</p>	<p>15.1. To establish the eligibility of the goods and related services in accordance with Invitation to Bid, the bidder shall furnish as part of its Bid Proposal the documentary evidence that the goods conform to the technical specifications and standards specified in Chapter V.</p> <p>15.2. The term "Goods" is construed including but not limited to machinery, equipment, raw materials, fuel, materials, supplies, accessories; consumables; medical supplies used for medical establishment.</p> <p>15.3 The term "origin" shall mean as country or territory where produces whole goods or implements final basic processing in case many</p>

	<p>countries or territories take part in production process of those goods.</p> <p>15.4 The term “Related Services” including but not limited to the Services such as: warranty, maintenance, overhaul, repair, supply of spare parts or supply of other after sales services like training, technology transfer...</p> <p>15.5. The documentary evidence responsiveness of the goods and related services may be in the form of documents, drawings, data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the goods and related services, demonstrating substantial responsiveness of the goods and related services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Chapter V.</p> <p>15.6. The bidder shall also provide a list giving full particulars, current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods during the period specified in the BDS following commencement of the use of the goods.</p> <p>15.7. Standards for manufacturing, production process of material and equipment, as well as references to brand names or catalogue numbers specified by Vietsovpetro in the Chapter V, are intended to be descriptive only and not restrictive to bidder. The bidder may offer other standards of quality, brand names, catalogue numbers, provided that it demonstrates, to Vietsovpetro’s satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Chapter V.</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 capacity and experiences for performance of contract as specified in Chapter III – Bid Proposal evaluation criteria. The bidder shall prepare original documents for verification with information stated in bidder’s Bid proposal if Vietsovpetro requires.</p> <p>16.2. The documentary evidence of the bidder’s capacity to perform the contract if its bid proposal is awarded as specified in BDS.</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.</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. The extension request and acceptance or non-acceptance shall be 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>i) 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;</p>

ii) submit a certificate of insurance guarantee issued by a domestic non-life insurance enterprise, or branch of a foreign non-life insurance enterprise established under the Vietnamese law.

iii) pay a deposit or bank transfer to VSP's account as specified in **BDS** 18.2.

In case the validity of Bid proposal is extended as specified in ITB 17.2, the Bid bond's validity shall be accordingly extended. In case of consortium bidder, all partners of consortium shall implement the same form of Bid bond.

In case of Consortium, the Bid Bond shall comply with one of the following:

a) Each Consortium partner shall provide a separate Bid Bond; however, the aggregate amount of Bid Bond submitted by all Consortium partners 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 point b ITB 18.5, then Bid bond 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.

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

18.3. 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.

18.4. 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.

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

a) After the deadline for submission of bids and during the validity period of the bid, the bidder withdraws their Bid proposals or gives a written refusal to perform one or some tasks proposed in their Bid proposals in

	<p>accordance with the requirements laid down in the Invitation to Bid;</p> <p>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;</p> <p>c) The successful bidder fails to furnish the required performance security as prescribed Point 37 ITB; The first ranked bidder 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 content in the Bid Proposals or withdrawing commitments in the Bid Proposals resulting to unsuccessful Contract negotiations, the Bid bond shall be not returned to bidder, except in cases of force majeure;</p> <p>d) 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>e) 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 Invitation to Bid is divided into independent parts, bidder may submit the bid bond in either of the two ways as follows:</p> <p>a) A bid bond for all parts that bidder participate in the bidding (the value of bid bond will be equal to the total values of the parts that bidder takes part in). Where the value of bid bond submitted by the bidder is less than the total of values, Vietsovpetro is entitled to decide the application of such bid bond to the parts that bidder takes part in;</p> <p>b) Separated bid bonds for each part that bidder takes part in the bidding. Where the bidder's breach results in a failure to refund the bid bond as stipulated in section ITB 18.5, the failure to refund the value of bid bond shall be calculated on the part violated by the bidder.</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 addresss provided that it arrives before deadline for submission of bid specified in the BDS. Vietsovpetro receive Bid Proposal of all bidders before deadline for submission of bid, including even if bidder has not bought or received the Invitation to Bid from Vietsovpetro. In such case, the bidder shall pay an amount equal to the selling price of the Invitation to Bid to Vietsovpetro account prior to the Bid Proposal is received and before the deadline for bid submission.</p>
<p>20. Submission, Withdrawal, substitution, and amendment of Bid Proposal</p>	<p>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”.</p> <p>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</p>

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 envelop, the outside must clearly state "PROPOSED ALTERNATIVE TECHNICAL OPTION".

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.

20.7. The envelopes shall:

- a) bear the name and address of the bidder;
- b) be addressed to Vietsovpetro in accordance with **BDS**;

	<p>c) bear title of bidding package in accordance with ITB 1.2;</p> <p>d) bear a warning “not to open before the time and date for bid opening”.</p> <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> <p>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 ";</p> <p>b) Being received by Vietsovpetro before the Deadline for bid submission as stipulated in ITB 19.</p> <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>
<p>22. Confidentiality</p>	<p>22.1. Information relating to the evaluation of bids and recommendation of contract award shall not be disclosed to bidders or any other persons 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 comparing documents, bidder is not allowed to contact with Vietsovpetro 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 BDS. 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>
<p>24. Deviations, Imposing Conditions and Omissions</p>	<p>During the evaluation of bid proposal, the following definitions apply:</p> <p>24.1. "Deviation" is a difference from the requirements specified in the Invitation to Bid;</p> <p>24.2. "Imposing Conditions" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Invitation to Bid;</p> <p>24.3. "Omission" is the Bidder's failure to submit part or all of the information or documentation required in the Invitation to Bid.</p>
<p>25. Determination of responsiveness</p>	<p>25.1. Vietsovetro'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 deviations,</p>

	<p>conditions, or omissions. 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 the goods and related services; limit in any substantial way, inconsistent with the Invitation to Bid, Vietsovpetro’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 complied without any material deviation or reservation, or omission.</p> <p>25.4. If the Bid Proposal is not substantially responsive to the requirements of Bidding Document, 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 Bidding Document.</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 inappropriate points or nonmaterial mistake in the bid related to documentation requirements. The request for provision of information and documentation to rectify 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; 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.Sub-contractor</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 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</p>

	<p>when there is a valid and appropriate reason and is approved by Vietsovpetro; in case sub-contractors are utilized to carry out the tasks 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. Rules of bid preferences: Bidders shall be granted preferential treatment when supplying goods of which costs for domestic production occupy 25% or higher.</p> <p>28.2. Bid preferences are applied during evaluation process for comparing and rating Bid Proposal: Goods are eligible for bid preferences provided that bidders prove that domestic production costs account for above 25% of total price. Percentage (%) of domestic production cost of goods is calculated according to the following formula: $D (\%) = G^*/G (\%)$ Where: - G*: Domestic production cost calculated by quoted price of goods defined in the Bid Proposal which subtracts tax values and external costs, inclusive of fees and charges (if any); - G: Quoted price of goods defined in the Bid Proposal subtracting tax values; - D: Percentage (%) of domestic production cost of goods, D gains the rate of 25%, which can enable goods to receive the bid preferences as regulated in this clause.</p> <p>28.3. Bid preferences calculation is specified in the BDS.</p> <p>28.4. Bidder must declare information about the eligible types of goods for bid preferences according to Forms 15A, 15B and 15C Chapter IV that is on the basis of consideration and evaluation of bid preferences. In case bidders does not declare so, the Bidder's goods are considered not eligible for bid preferences.</p> <p>28.5. In case goods do not receive bid preferences, evaluation and determination of bid preferences shall not be applied.</p> <p>28.6. In case of bidders ranking equally, priority shall be given to those with: - Goods originating from the Socialist Republic of Vietnam and the Russia Federation. - Services/Jobs that employ workers from the Socialist Republic of Vietnam and the Russian Federation.</p>
<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: 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:
- 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.
- 29.5. Technical and price-based evaluation:
- 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 the Invitation to Bid 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 with legislation on bidding or other relevant legislation and shall be subject to be handled according to regulations.
 - e) 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;

	<p>f) 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> <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>
<p>30.Contract negotiation</p>	<p>Contract negotiation shall be stipulated in BDS.</p> <p>30.1. Contract negotiation shall be based on the followings:</p> <ul style="list-style-type: none"> a) Report on evaluation of the Bid Proposal; b) Bid Proposal and bidder's records of clarification of bidding package (if any); c) Invitation to Bid. <p>30.2. Principles of the contract negotiation:</p> <ul style="list-style-type: none"> a) Not negotiating on the contents the bidder offered in accordance with the requirements of the Invitation to Bid. b) While evaluating Bid Proposal and negotiating contract, if realizing the scope of supply/ work, workloads specified in Chapter V – Scope of Supply are insufficient compared with the design documentation, Vietsovpetro shall 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 on applying the unit price approved estimated price for these scope of work/ inadequate workloads compared to the design documentation or the unit price quoted by other bidders who have passed the technical evaluation if this unit price is lower than the approved unit price in the estimated bidding package; c) When negotiating a contract for the deficient deviation, if the Bidder's bid proposal does not have a unit price corresponding to the deviation, the lowest bid unit price among other bidders' bid proposals that meet the technical requirements must be taken or taking the unit price in the approved estimate if this is the only bidder who passes the technical evaluation step as a basis for negotiating that deficient deviation. <p>30.3. Contents of contract negotiation:</p> <ul style="list-style-type: none"> a) Unspecified, inappropriate and inconsistent contents between Invitation to Bid and Bid Proposal, between different contents in the Invitation to Bid may lead to incidents, disputes or impact on the contractual obligations of contracting parties; 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>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;đ) Other necessary issues.</p> <p>30.4. 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>30.5. If the negotiation fails, Vietsovpetro shall consider, decide to invite the bidder who is ranked at the next positions for contract negotiation; if the successive negotiations also fail, Vietsovpetro shall report to the Investor to consider, decide the bidding cancellation as regulated in point a, ITB 32.1</p>
<p>31.Conditions for recommendation as the awarded bidder</p>	<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;</p> <p>31.2. Having capacity and experiences satisfying requirements as prescribed in Section 2, Chapter III;</p> <p>31.3. Having technical proposals satisfying requirements as prescribed in Section 3, Chapter III;</p> <p>31.4. Having deficient deviation not exceeding 10% of bidding price;</p> <p>31.5. Meeting requirements specified in the BDS;</p> <p>31.6. The bidder has the proposed price award (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) Change of the objectives, scope of procurement resulting in changes in volume of work and evaluation criteria stated in the Invitation to Bid at 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;</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>32.2. Organizations and individuals infringing law on bidding that lead to bidding cancellation as prescribed in point c, d, e in ITB 32.1 is undertaken to compensate expenses for related parties and be handled as prescribed by law.</p>

	<p>32.3. In case of bidding cancellation specified in this section, Vietsovpetro shall return or release Bid Bond to bidders who has submitted the original Bid Bond within 05 working days, except the bidder violates the regulation as specified in point d and point đ, 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; - 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>
<p>34. Change in volume of goods and services</p>	<p>34.1. At the time of awarding contract, Vietsovpetro are entitled to increase or decrease the volume of services stated in Chapter IV provided that such change not exceeding the rate specified in the BDS and there is not any change in the unit price or other terms and conditions of the Bid Proposals and Invitation to Bid. The rate of increase and decrease in volume shall not exceed 10%.</p> <p>34.2. Additional purchase option: Before the contract expires, the Investor has the right to purchase an additional volume of goods or services in the bidding package other than</p>

	the volume stated in Chapter IV provided that not exceeding the rate specified in the BDS .
35. Notice of Bid Proposal acceptance and contract award	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 4 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.
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 as prescribed in the Invitation to Bid. If the bidder no longer meets basic requirements of technical and financial capability prescribed in the Invitation to Bid, Vietsovpetro shall refuse to sign contract with the bidder. 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 comparing documentation and contract negotiation (if required).</p> <p>36.3. Vietsovpetro shall ensure conditions on funding for advance payment, payment funding and other necessary conditions for carrying out the bidding package on the schedule.</p>
37. Contract performance guarantee	<p>37.1. Before signing a contract or before the contract comes into effect, the bidder shall provide contract performance guarantee as specified in Part 3. In case of applying a form of contract performance guarantee, the form specified in Part 3 or another form approved by Vietsovpetro shall be complied.</p> <p>37.2. The bidder shall not be entitled for the returning of the contract performance guarantee in the following cases:</p> <ol style="list-style-type: none"> a) The bidder refuses to perform the contract after the date the contract comes into force; b) The bidder violates agreements in contract; c) Performing the contract behind schedule due to bidder's fault but refusing to extend the validity of the contract performance guarantee.
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	When detecting violated behavior or content inconsistent with the provisions of bidding law, the bidder is responsible for notifying the

Bidder selection process	organization, individual performing the monitoring task and supervision as prescribed in the BDS .
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Chapter II. BIDDING DATA SHEET

ITB 1.1	Name of Investor: Vietsovpetro
ITB 1.2	<p>Title of bidding package: Safety Equipment for RC12, Block 09-1 (VT-3610/25-XL-DA-TLAT)</p> <p>Quantity and part number of parts in bidding package: Vietsovpetro will evaluation and selection following each group of materials:</p> <p>+ <i>Group 1: Fire Fighting Equipment (Item 01 ÷ Item 07);</i> + <i>Group 2: Rescue, Safety, Lsa Equipment (Item 08 ÷ Item 24).</i></p> <p>Year of production: Manufactured in 2024 year or later for Ex-stock items; in 2025 year or later for Ex-mill items.</p> <p>Scope of Supply: See Attachment 01 of PART 4. Technical requirement: see Attachment 02 of PART 4. Technical Evaluation Criteria: see Attachment 03 of PART 4.</p>
ITB 3	Source of funding (or method of capital arrangement): Block 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 Vietsovpetro, 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: Not applicable; + Consulting on verification of bid price: Not applicable; + Consulting on supervision of contract execution and inspection: Not applicable; + Consulting on preparation for the BD: Not applicable; + Consulting on appraisal of the BD: Not applicable; + Consulting on evaluation Bid Proposals: Not applicable; + Consulting on appraisal of bidder selection results: Not applicable; + Project management consulting, contract management, other consulting services whose work is directly related to the bid package: Not applicable;</p> <p>- The bidder does not belong to the same agency or organization directly</p>

	<p>managing the consultants (mentioned above)¹.</p> <ul style="list-style-type: none"> - 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>ITB 5 (h)</p>	<p>Bidder's name is registered on National bidding network before the grant of approval for contractor selection result as prescribed:</p> <ul style="list-style-type: none"> - Bidders have to register procurement information on the National bidding network: To be applied - 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>Detailed instructions of the National bidding network system are on the website: http://muasamcong.mpi.gov.vn.</p>
<p>ITB 7.1</p>	<p>The amendment of Invitation to Bid shall be published in National bidding network at least 03 working days prior to the Deadline for bid submission.</p>

¹Only evaluate this content for bidders that are public sector entities.

ITB 7.2	Requests for clarification should be received by Vietsovpetro at least 05 working days prior to the Deadline for bid submissions. Vietsovpetro shall clarify the request of clarification at least 02 working days prior to Deadline for bid submissions.
ITB 7.3	Pre-bidding conference: No
ITB 8	Payment for the Invitation to Bid: 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). Payment for Invitation to Bid shall be made by Telegraphic Transfer to the following Vietsovpetro's account: Account No. 008.100.000001.1 Beneficiary: Vietsovpetro VIETCOMBANK, Vung Tau Branch Please indicate: Bidder Name, payment for Invitation to Bidding package No. VT-3610/25-XL-DA-TLAT
ITB 10.10	The Bidder shall submit the following additional documents in its bid proposal: Scope of supply, scope and work and Technical Documentation as required Technical Requirement (Section Part 2 Chapter V: Scope of supply, Scope of works and Technical documents, etc. in ITB).
ITB 12.1	Bidder is NOT allowed to submit Technical alternative.
ITB 13.5	In the detailed price quotation table, bidder shall offer prices according to the following requirements: For foreign bidders: the Bidders are requested to offer price on delivery term: CFR Vietsovpetro port, Vung Tau city, S.R. Viet Nam in accordance with Incoterms accompanied with appropriate amendments - if necessary as Bidding form No.12A, Chapter IV- Bidding form and provide "Incoterms 2020". In case goods are accompanied with services, commissioning.... Bidders have to clearly state that whether the offered price includes Foreign Contractor Withholding Tax (FCWT) as Bidding form No.13. If the offered price has not included, Vietsovpetro will calculate and add FCWT into the offered price for comparison and evaluation (<i>FCWT tax rate is: 1.01% for goods; 15.79% for services; 12.24% for services included in goods</i>). Vietsovpetro shall do necessary procedures for tax exemption of goods. For Vietnamese Bidders: The Bidders are requested to offer price on delivery to Vietsovpetro warehouse, S.R. Viet Nam including all taxes, fees and 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 as Bidding form No. 12A and 12B, Chapter IV- Bidding form.
ITB 15.6	Expected operating duration of Goods (for the purpose of requirement of spare parts, specialized tools): Not applicable.
ITB 16.2	The documentary evidence of the Bidder's capacity to perform the contract if the bidder win the bid including: Manufacturer's License for sale or the Certificate of Partnership or similar documents: <i>as per Technical requirement, Chapter V in Invitation to Bid.</i>

ITB 17.1	The Bid proposal shall be valid for: ≥ 90 days from the deadline for bid submission.
ITB 18.1	The Bidder provides the Bid Bond through Deposit/Telegraphic Transfer to the following Vietsovpetro's account: Account: (VND) 008.100.000001.1; (USD) 0081370000029 Beneficiary: Vietsovpetro VIETCOMBANK, Vung Tau Branch
ITB 18.2	<p>Contents of Bid Bond:</p> <p>The amount and currency of the Bid Bond shall be:</p> <ul style="list-style-type: none"> - For Group 1: 160.00 USD or 4,100,000 VND - For Group 2: 660.00 USD or 17,400,000 VND <p>If bidder attends the bid for one or more than one Group, value of Bid Bond should be sum of those above value with respective groups.</p> <p>Total value of bid bond in case Bidder offer all groups: 820.00 USD or 21,500,000 VND</p> <p>The Bid Bond shall be valid for: ≥ 120 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 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	The Deadline for bid submission at: 09 hour 00 minute, date 14 month 11 year 2025
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><i>Note:</i></p> <p>Quantity of Proposal:</p> <ul style="list-style-type: none"> + Technical Proposal: 01 original and 02 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.
ITB 20.7 (a)	<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 21.1	<p>The Bid proposal shall be opened publicly at:</p> <p>Time: at: 09 hour 30 minute, date 14 month 11 year 2025</p>

	at the following address: Vietsovpetro, 105 Le Loi Str., Vung Tau Ward, Ho Chi Minh City, S.R. Vietnam
ITB 23.4	Bidders themselves can provide such evidence to the Procuring entity within 03 days from the deadline for submission of bids
ITB 27.2	Total value of sub-contractor(s) shall not exceed: Not applicable. Specialized sub-contractor: Not applicable.
ITB 28.3	Calculation of preferential treatment: 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.
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 each group in accordance with evaluation criteria stipulated in Section V, Chapter III, Bid Proposal Evaluation Criteria.</i>
ITB 30	Contract negotiation: <i>Not applicable.</i>
ITB 31.5	Ranking of bidders: <i>the bidder who has the lowest price for each group after rectification of errors, adjustment of deviation and deduction of discounts (if any) is ranked the first.</i>
ITB 34.1	The maximum percentage of work volume may be increased is: Not applicable The maximum percentage of work volume may be decreased is: Not applicable
ITB 34.2	Additional purchase option: Not applicable The maximum of additional purchase option: Not applicable
ITB 38.2	Vietsovpetro'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 Str., 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/ Deposit; documentary evidence establishing the Bidder's eligibility to bid; documentary evidence Bidder's capacity and experience; technical proposal; price 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.
If the scope of supply includes only one unit/ one piece and no related service, bidder is not allowed to enter into a consortium; in case that Bidders is still in a consortium, agreement of consortium shall be considered invalid and Bidder shall be rejected.
- 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

Standards of competence and experience are mandated and listed in Table No. 01 (for bidders who are Non-manufacturers of goods within the scope of the bid package) or Table No. 02 (for bidders who are manufacturers of goods within the scope of the bid package). A bidder's evaluation of competence and experience is subjected to whether it meets all standards. A

subcontractor's competence and experience will not be taken into consideration when evaluating a bid proposal. The contractor itself must meet the evaluation standards of competence and experience.

In case the currency used in similar contracts or one of the following - Investor's payment confirmation for past contracts for the supply of goods, tax declarations, documents proving the bidder's competence and experience - is not VND: in the bid proposal, the bidder must convert them to VND as a basis for evaluation. The conversion is subject to the exchange rate of [*Vietcomabnk's selling rate*] at the date of signing a similar contract.

In case the currency used in similar contracts or one of the following – Investor's payment confirmation for past contracts for the supply of goods, tax declarations, documents proving the bidder's competence and experience – is not VND: in the bid proposal, the bidder must convert them to VND as a basis for evaluation. The conversion is subject to the exchange rate of [selling rate of Vietcombank] at the date of signing a similar contract.

In case the Bidder participating in bidding is the parent company (for example, Corporation) assigning a subsidiary to perform part of the work in the bid package, the contractor must declare specifically which part using Form No. 11C Chapter IV. The evaluation of experience in fulfilling similar contracts is based on the value and volume of work that the parent company and subsidiary delivered 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.

2.1 Criteria for evaluation of capacity and experience

The evaluation of capacity and experience will be carried out as in following table:

CRITERIA TABLE FOR EVALUATION OF BIDDER'S CAPACITY AND EXPERIENCE

(For Bidders who are Non-manufacturers⁽¹⁾ of goods under the scope of the bid package)

Table No. 01

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 ⁽¹⁾ due to Bidder's fault	From January 1, year 2022 ⁽²⁾ to Deadline for bid submission, the contractor does not have a contract for the supply of goods, not fulfilled through fault of the bidder.	Must meet requirement	not applicable	must meet requirement	Form 09
2	Tax obligations fulfilment	Has fulfilled tax obligations of the last fiscal year before Deadline for bid submission.	Must meet requirement	not applicable	must meet requirement	Commitment along with the Application for bidding Form 10

Note:

⁽¹⁾ Non performance contracts due to Bidder's fault shall include all contracts where:

- Non performance contracts, as concluded by employer, and were not objected by the Bidder,
- Non performance, as concluded by the employer, and were so objected by the Bidder but fully settled against the Bidder by Arbitration or Court.

Non performance shall not include contracts where employer 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 or applicable law and where all appeal instances available to the Bidder have been exhausted.

⁽²⁾ Time requirement, usually 03 to 05 years before bid closure year. For example, from January 1, 2018 to Deadline for bid submission.

Criteria on capacity and experience			Compliance Requirements			Documents
No	Description	Requirement	Single Entity	Consortium		Submission Requirements
				All Members Combined	Each Member	
3	Financial Capacity					
3.1	Financial Performance	Submission of financial statements 03 years (from year 2022 to year 2024) to demonstrate the current soundness of the Bidder's financial position. The Bidder's net worth for the last fiscal year, (calculated as the difference between total assets and total liabilities) should be positive.	Must meet requirement	not applicable	must meet requirement	Form 10
3.2	Average Annual business activities Turnover (excluding VAT)	Minimum average annual turnover (excluding VAT) of following value within the latest 03 fiscal years ⁽¹⁾ (2022÷2024) ≥ 124,200.00 USD/ 3,250,000,000 VND. (In case Company of the Bidder established less than 3 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) (In case evaluate separate Groups), see the Note ⁽²⁾	must meet requirement	must meet requirement	not applicable	Form 10

Notes:

¹ In case of Consortium, The Evaluation of the turnover criteria will be total turnover of all members for compare and evaluation.

² If bidder bids in one or more than one Group, Minimum average annual turnover within the last 03 fiscal years should be equal to Sum of those below value with respective groups:

<i>Group 1</i>	<i>24,020.00 USD/ 628,400,000 VND</i>
<i>Group 2</i>	<i>100,180.00 USD/ 2,621,600,000 VND</i>
<i>For full package: 124,200.00 USD/ 3,250,000,000 VND</i>	

(*) In case the bidder bids in one or more than one Part, minimum revenue evaluation is based on the total average revenue required of those Parts offered by bidder. In case the bidder bids in 01 Part, it only needs to meet the revenue requirement of that Part.

Criteria on capacity and experience			Compliance Requirements			Documents
No	Description	Requirement	Single Entity	Consortium		Submission Requirements
				All Members Combined	Each Member	
4	Experience on implementing Contracts of supplying similar goods	<p>Requires as least 01 contract for supplying material/ equipment for the Oil and Gas industry or other industries as described hereunder that has been successfully or substantially completed ⁽¹⁾ as main Contractor (individually or partner of Consortium) or sub-contractor ⁽²⁾ within the last 05 years (2020-2024) to the deadline for bid submission.</p> <p>Number of contract is 01, the minimum value of the contract is: + Group 1: 11,250.00 USD/ 294,000,000 VND + Group 2: 46,750.00 USD/ 1,226,000,000 VND</p>	must meet requirement	must meet requirement	must meet requirement (equivalent to the volume of work implemented)	Form 07A

Notes:

- ⁽¹⁾ “Successfully completed” means completion of all (100%) of contract scope of work.
- ⁽²⁾ For contract implemented by bidder as member of Consortium or sub-contractor, only the amount of work implemented by Bidder itself will be considered.
- ^(*) In case the bidder bids one or more than one Part, evaluation of similar contract is based on each respective part offered by bidder. The bidder does not have to comply with the size of total similar contract for all those parts bidder offers.

Criteria on capacity and experience			Compliance Requirements			Documents
No	Description	Requirement	Single Entity	Consortium		Submission Requirements
				All Members Combined	Each Member	
5	The ability of performing warranty, maintenance, repair, overhaul and provision of spare parts and other after-sale services ¹ <i>(To be evaluated in the Technical evaluation stage)</i>	The bidder must be represented by an Agent (or Representative) who is available to carry out the Bidders' obligations such as warranty, maintenance, repair and provision of spare parts by one of following: - The bidder commits its capability in fulfilling obligations of warranty, maintenance, repair, supply of spare parts or providing after-sales services as required by the Invitation to Bid. <i>(as per required in the Technical requirement)</i> - The bidder signs a principle contract with an entity capable of fulfilling the obligations of warranty, maintenance, repair, supply of spare parts or providing after-sales services as required by the Invitation to Bid. <i>(as per required in the Technical requirement)</i> .	must meet requirement	must meet requirement	must meet requirement (equivalent to the volume of work implemented)	

CRITERIA TABLE FOR EVALUATION OF BIDDER'S CAPACITY AND EXPERIENCE

(For Bidders who are manufacturers⁽¹⁾ of goods under the scope of the bid package)

NOT APPLICABLE

2.2 Evaluation Criteria for Key personnel *(Not applicable)*

2.3 Sub-contractors and Specialized Sub-contractors *(Not applicable)*

Section 3: Technical evaluation criteria (see Part 2, Chapter V)

Section 4: Price evaluation criteria

Lowest price method: (Applicable)

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 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;

Step 2: Rectification of errors (apply in accordance with Note (1));

Step 3: Adjustment of deviations (apply in accordance with Note (2));

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 28;

Step 7: Ranking the bidders: the Bid proposal which has the **lowest bidding price for each group** 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 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 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.

Section 5: Technical alternative (Not applicable)

Bidder is NOT allowed to submit Technical alternative.

Section 6: Bidding package with multiple independent parts (Not applicable)

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	Bidding Form	Performance	Responsibility for performance	
			Vietsovpetro	Bidder
1	Form 01. Application for bidding form	Submission with Bid Proposal		X
2	Form 02. Power of Attorney			X
3	Form 03. Consortium Agreement			X
4	Form 04A. Guarantee for Bid Participation (<i>Bid Bond</i>), applicable to independent bidders			X
5	Form 04B. Guarantee for Bid Participation (<i>Bid Bond</i>), applicable to consortium bidders			X
6	Form 04C. Form of Deposit for bid participation	Submission with Bid Proposal		X
7	Form 05. Bidder's information form			X
8	Form 06. Information form for consortium bidders			X
9	Form 07A. Similar contract performed by bidder (<i>applicable to commercial bidders</i>)			X
10	Form 07B. Declaration of goods production capacity (<i>applicable to bidders who are manufacturers</i>)			X
11	Form 08A. Proposed Key Personnel			X
11	Form 08B. Profession skill curriculum vitae of key personnel			X
12	Form 08C. Professional Experience			X
13	Form 09. Historical Contract Non-Performance for the supply of goods due to fault of the bidder in the past.			X
14	Form 10. Bidder's Financial Status			X
15	Form 11A. Scope of work using sub-contractors			X
16	Form 11B. List of specialized sub-contractors			X
17	Form 11C. List of subsidiaries and member companies delivering work in the bidding package		X	

18	Form 12. Summary of bidding prices			X
19	Form 12A. Bidding price schedule of goods <i>(manufactured, processed outside Vietnam)</i>			X
20	Form 12B. Bidding price schedule of goods <i>(domestically manufactured, processed or goods manufactured, processed outside Vietnam but already imported and being offered in Vietnam)</i>			X
21	Form 13. Bidding price schedule for related services			X
22	Form 14A. Spare parts for replacement			X
23	Form 14B. Spare parts for replacement			X
24	Form 15A. Declaration of goods with bid preferential treatments			X
25	Form 15B. Costs of goods manufactured domestically with bid preferential treatments <i>(in case of declaration for cost of import)</i>			X
26	Form 15B. Costs of goods manufactured domestically with bid preferential treatments <i>(in case of declaration for cost of manufacturing in Vietnam)</i>			X

APPLICATION FOR BIDDING ¹

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 37.1 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 4.

POWER OF ATTORNEY ¹

Date _____/_____/20____ At (name of place).....:

I,[insert Name, ID/passport number, position of Legitimate representative of the bidder], the Legitimate representative of _____[insert the bidder name] at _____[insert address]

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 form;
- 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 requests 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 lawfully perform acts within the scope of Power of Attorney as the legitimate representative of _____(name of bidder).

The Mandator, [name of Legitimate representative of the bidder] () will be completely responsible for acts performed by the Attorney, _____[name of 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 20.3. 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 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.

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

CONSORTIUM AGREEMENT¹

_____, 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 Vietsovetro 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;
- Signing 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 ... 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 Investor ...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 under the 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)

(applicable to 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.....year ³

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 32.1;
3. Bidder fails or refuses to conduct contract negotiations within 07 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 within 10 working days from the date contract finalized, except for force majeure;
5. Bidder does not conduct performance bond in accordance with ITB 37.1;

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 19.1

GUARANTEE FOR BID PARTICIPATION ¹

(BID BOND)

(applicable to consortium bidders)

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.]*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 32.1;
- 3) Bidder fails or refuses to conduct contract negotiations within 07 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 within 10 working days from the date contract finalized, except for force majeure;
- 5) Bidder does not conduct performance bond in accordance with ITB 37.1.

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 b, ITB 18.5 of Invitation to Bid, 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:

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 Vietsovetro, 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 BDS 18.2.

⁴ Insert date deadline for bid submission in accordance with BDS 19.1.

FORM OF DEPOSIT FOR BID PARTICIPATION

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 Vietsovetro'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 _____, Vietsovetro 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. Vietsovetro's bank account:

Beneficiary's name: Vietsovetro

Beneficiary's Bank: Joint Stock Commercial Bank for Foreign Trade of Vietnam – Vungtau Branch

Account Number: 008.100.00000.11 (VND)

_____ (USD)

Legitimate representative of the bidder
[name, position, signature and stamp]

Notes:

Along with this letter, bidder must enclose the Payment order or appropriate document evidencing that bidder executed the payment to Vietsovetro account.

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:

- a. 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.
- b. Included the organizational chart.

Legitimate representative of the bidder
[name, position, signature and stamp]

Note:

- (1) In case of consortium Bidder, each consortium member must declare this form.

INFORMATION FORM FOR CONSORTIUM BIDDER'S MEMBERS

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.

Legitimate representative of the bidder
[name, position, signature and stamp]

Note:

- (1) In case of consortium Bidder, each consortium member must declare this form.

SIMILAR CONTRACT PERFORMED BY BIDDER¹*(applicable to commercial bidders)*

Date ___ month ___ year ___

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

Descriptions of each contract should contain following information:

Name and contract number	<i>[Full contract name and number]</i>		
Contract signing date	<i>[Date, month, year]</i>		
Completion date	<i>[Date, month, year]</i>		
Contract Value ⁽³⁾	<i>[Total signed contract value and the original currency]</i>		Equivalent to ___ VND
If the bidder is a consortium member, provide a summary of the work undertaken and its value	<i>[Summary of the work]</i>	<i>[Value of the work undertaken (amount in original currency and %)]</i>	Equivalent to ___ VND
Project or Procurement name	<i>[Full name of the project/procurement estimate whose contract is being declared]</i>		
Name of Investor:	<i>[Full name of the Investor in the contract being declared]</i>		
Address: Telephone/fax: Email:	<i>[Full current address of the Investor] [Phone number, fax number including country code, area code] [Email address]</i>		
Describe similarities in accordance with Section 2.1 of Chapter III⁽²⁾			
1. Type of goods	<i>[Correct type]</i>		
2. Fulfilled contract value ⁽³⁾	<i>[Actual contract value fulfilled based on acceptance value, contract liquidation]</i>		
3. Scale	<i>[Scale according to the contract]</i>		
4. Other characteristics	<i>[Other characteristics, if needed]</i>		

Legitimate representative of the bidder
[name, position, signature and stamp]

Note:

The contractor shall carefully study the Invitation to Bid and proposes similar contracts to ensure the requirements of the Invitation to Bid are complied.

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.
3. In case the contract value is not in VND, it shall be converted to VND at the exchange rate specified in Section 2 of Chapter III as a basis for evaluation.

DECLARATION OF GOODS PRODUCTION CAPACITY*(applicable to bidders who are manufacturers)***NOT APPLICABLE**

The number of factories and production facilities (collectively referred to as factories): _____
[Number of factories]

For each factory, the bidder declares the following information:

Factory Name:	<i>[Factory name]</i>
Address:	<i>[Factory address]</i>
Total investment:	<i>[Total investment]</i>
Design capacity:	<i>[Design capacity]</i>
Effective capacity:	<i>[Effective capacity of last year]</i>
Production standard:	<i>[Current production standard, if applicable]</i>
Number of employees:	<i>[Total number of employees working at the factory]</i>

Legitimate representative of the bidder
[name, position, signature and stamp]

Notes:

For a consortium, each member of the consortium shall declare using this Form.

PROPOSED KEY PERSONEL

The Bidder shall declare its key personnel as required in Section 2 of Chapter III and shall demonstrate its capability to mobilize these people to deliver the bidding package. Key personnel may be on the contractor's payroll or mobilized by the bidder. In case the key personnel declared by the bidder in its bid proposal does not meet the requirements or the contractor cannot demonstrate mobilization capability (including cases where said personnel has been mobilized for another contract with overlapping execution timeline), Vietsovpetro shall allow the bider to make addition or replacement. The bidder is allowed to make addition or replacement once for each position for a suitable period of time not less than 03 working days. In case the bidder does not have a replacement comlying the Invitation to Bid's requiments, the contractor shall be disqualified. In all cases, if the bidder declares personnel in a dishonest manner, making replacement shall not be allowed, the bid proposal shall be disqualified and the bidder shall be considered fraudulent according to the provisions of legislation on bidding or other relevant legislation and penalized accordingly.

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
[name, position, signature and stamp]

PROFESSIONAL CURRICULUM VITAE OF KEY PERSONNEL

The Bidder must supply all required information below and attach certified 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
[name, position, signature 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
[name, position, signature and stamp]

**HISTORICAL CONTRACT NON-PERFORMANCE FOR THE SUPPLY OF
GOODS NOT FULFILLED DUE TO FAULT OF THE CONTRACTOR IN THE PAST ⁽¹⁾**

Name of contractor: _____

Date: _____

Name of member of the consortium contractor (if any): _____

Contracts for the supply of goods not fulfilled due to fault of the contractor in the past in accordance with Clause 2.1 Section 2 Chapter III			
<input type="checkbox"/> No contract Supply of goods not fulfilled through bidder's fault as of January 1, [...] in accordance with Criterion 1 in the Evaluation Standards for Competence and Experience under Clause 2.1, Section 2, Chapter III.			
<input type="checkbox"/> There is a contract Supply of goods not fulfilled through bidder's fault as of January 1, [...] in accordance with the Evaluation Standards for Competence and Experience under Clause 2.1 Section 2 of Chapter III.			
Year	Scope of work not fulfilled	Contract description	Total contract value (value, currency, exchange rate, equivalent value in VND)
		Contract Description: _____ Name of Investor: _____ Address: _____ Causes of non-fulfillment of the contract: _____	

Legitimate representative of the bidder
[name, position, signature and stamp]

Notes:

(1) The Bidder must accurately and truthfully declare contracts for the supply of goods that were not fulfilled through fault of the Bidder in the past. In case Vietsovetro discovers that the bidder has a contract for the supply of goods that is not fulfilled due to fault of the bidder in the past which was not declared, the bidder is deemed to have committed fraud and its bid proposal shall be disqualified. For a consortium bidder, each member of the consortium must declare using this form.

BIDDER'S HISTORICAL FINANCIAL PERFORMANCE¹

Bidder's name: _____

Date: _____

Name of Consortium member (if any): _____

Financial Data for Previous 3 Years ² [VND/USD]: [...]/[...]		
Year 1	Year 2	Year 3

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 **03 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

Legitimate representative of the bidder
[name, position, signature and stamp]

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).

In case Bidder has less than the number of years of establishment as required in ITB, the average annual turnover is calculated on the number of years that Bidder has been established.

(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.

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					
...					

Legitimate representative of the bidder
[name, position, signature and stamp]

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 have not yet 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.

LIST OF SPECIALIZED SUB-CONTRACTORS¹

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

STT No	Name of specialized subcontractor²	Scope of work³	Amount of work⁴	Percentage value estimated⁵	Contract or agreement document with specialized sub-contractor⁶
1					
2					
3					
4					
...					

Legitimate representative of the bidder
[name, position, signature and stamp]

Note:

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

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

³ Vietsopectro specifies names and work 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.

**LIST OF SUBSIDIARIES AND MEMBER COMPANIES DELIVERING WORK
IN THE BID PACKAGE ⁽¹⁾**

No.	Name of subsidiary/ member company ⁽²⁾	Scope of work ⁽³⁾	Value (% out of bid value) ⁽⁴⁾	Notes
1				
2				
...				

Legitimate representative of the bidder
[name, position, signature and stamp]

Notes:

(1) In the case the contractor participating in bidding, being a parent company (for example, the Corporation), mobilizes its subsidiary or member company to deliver part of the work in the bid package, it must be specifically declared in this table. The evaluation of experience and competence of the bidder is based on the value and volume of work delivered by the parent company, subsidiary and member company in the bidding package. In case the bidder participating in bidding is not the parent company, this Form shall not apply.

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

(3) Specify the work delivered by the subsidiary or member company.

(4) Specify how many % the value of work delivered by the subsidiary or member company accounts for in the total bid proposal value.

SUMMARY OF BIDDING PRICE*(Apply for international bidding)*

Stt	Content	Bid price
1	Goods manufactured, processed outside Vietnam	(M ₁)
2	Goods domestically manufactured, processed or goods manufactured, processed outside Vietnam, but already imported and being offered in Vietnam	(M ₂)
3	Related services	(I)
	Total bidding price (Transfer to Application for Biding form)	(M₁) + (M₂) +(I)

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

FORM 12A

**BIDDING PRICE SCHEDULE OF GOODS MANUFACTURED, PROCESSED
OUTSIDE VIETNAM**

1	2	3	4	5	6	7	8	9
Line item	Description of goods	Part number/ model of goods	MNF	CO	Unit	Required quantity	Unit price	Extended Price per line item (Col. 6x7)
1							
2							
							
*	<p><i>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.</i></p> <p><i>(Transfer to the Summary of Bidding Price Form)</i></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 supply. 							M1

**Legal representatives of bidder
(name, position, signature and stamp)**

Notes:

Col. (1), (2), (6), (7): In accordance with List of goods stipulated in Attachment 01: Scope of Supply in Part 4 – Appendices;

The bidder offers in Col. (3) (4) (5) (8) (9).

For Vietnamese Bidders: The Bidders are requested to offer price on delivery to **Vietsovpetro warehouse, Vung Tau Ward, Ho Chi Minh City, S.R. Viet Nam**, 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.

For Foreign Bidders: The Bidders are requested to offer price on delivery term: CFR Vietsovpetro Port, Vung Tau Ward, Ho Chi Minh City, S.R. Viet Nam, Incoterm 2020. *Bidders must clearly state in the offered price, as followings:*

- *Bidder intends to use inland transportation to delivery the goods from any discharge port in Vietnam to Vietsovpetro port: Yes/No*
- *If Bidder declares its attention to use inland transportation to deliver the goods from discharge port in Vietnam to Vietsovpetro port, Vietsovpetro will calculate and add FCWT into the offered price for comparison and evaluation.*
- *If Bidder declares NOT to use inland transportation to transport the goods to Vietsovpetro port, or makes no statement in this regard, Vietsovpetro will not calculate and add FCWT into the offered price for comparison and evaluation. Bidder shall acknowledge that, if any inland transportation is used during performance of Contract (if awarded to Bidder), Bidder will be subject to FCWT according to the applicable regulations of S.R Vietnam. FCWT incurred will be deducted from payment by Vietsovpetro*

When participating in bidding, all 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.

**BIDDING PRICE SCHEDULE OF GOODS DOMESTICALLY MANUFACTURED,
PROCESSED OR GOODS MANUFACTURED, PROCESSED OUTSIDE VIETNAM,
BUT ALREADY IMPORTED AND BEING OFFERED IN VIETNAM**

1	2	3	4	5	6	7	8
Line item	Description of goods	Unit	Required quantity	MNF, Country of origin, Part number, model of goods	Unit price	Extended Price per line item (Col. 4x6)	Taxes, fees, charges (if any)
1	<i>Goods 1</i>					A1	T1
2	<i>Goods 2</i>					A2	T2
n	<i>Goods n</i>					An	Tn
Total bidding price of goods not including taxes, fees, charges (if any)						A=A1+A2+...+An	
Total value of taxes, fees, charges (if any)							T=T1+T2+...+Tn
Total bidding price of goods including taxes, fees, charges (if any) (Transfer to the Summary of Bidding Price Form)						M₂=A+T	

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

Notes:

Detailed T1, T2, Tn (type, calculation).

Col. (1), (2), (3), (4): In accordance with List of Goods stipulated in Attachment 01: Scope of Supply in Part 4 – Appendices.

The bidder offers at Col. (5) (6) (7) (8). The bidder offers unit price at col (6), including necessary expenses to supply goods in response to requirements of Vietsovpetro, not including tax, fees, charges (if any) offered at col (8).

Col. (8) includes all tax, fees, charges (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.

BIDDING PRICE SCHEDULE OF RELATED SERVICES
(*NOT APPLICABLE*)

1	2	3	4	5	6	7	8
No	Description of Services	Required quantity	Unit	Place where services will be performed	Final completion date	Unit price	Extended price per Service (Col. 3x7)
I	Onshore Technical service						
						
II	Offshore technical service						
						
III	Training (if any)						
						
IV	Other services (if any)						
1							
2							
Total bidding price of related services not including taxes, fees, charges							
Taxes, fees, charges							
Total bidding price of related services including taxes, fees, charges (if any) (Transfer to the Summary of Bidding Price Form)							(I)

Legal representatives of bidder
(*name, position, signature and stamp*)

Notes:

Col. (1) (2) (3) (4) (5) and (6): In accordance with Table of Related Services stipulated in Article 1 Part 2 - The scope of supply's Requirement.
The bidder offers Col. (7) and (8).

Foreign bidders have to clearly state that whether the offered price includes Foreign Contractor Withholding Tax (FCWT). If the offered price has not included, Vietsovpetro will calculate and add FCWT into the offered price for comparison and evaluation.

**BIDDING PRICE OF GOODS (OPTIONAL SCOPE)
FOR GOODS MANUFACTURED, PROCESSED
OUTSIDE VIETNAM
(NOT APPLICABLE)**

1	2	3	4	5	6	7	8	9
Line item	Description of goods	Part number/ model of goods	MNF	CO	Unit	Required quantity	Unit price	Extended Price per line item (Col. 6x7)
	<p>Priced list of recommended spares for 2 years' operation. (i.e.: as stated in Technical Requirement)</p> <p>Detailed list of spares part and prices shall be provided:</p>							
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 Vietsovetro in Block 09-1. (Transfer to the Summary of Bidding Price Form)</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 supply. 							M1

Legitimate representative of the bidder
[name, position, signature and stamp]

Notes:

Refer to Notes in Form 12A

BIDDING PRICE OF GOODS (OPTIONAL SCOPE)
FOR GOODS DOMESTICALLY MANUFACTURED, PROCESSED OR GOODS
MANUFACTURED, PROCESSED OUTSIDE VIETNAM, BUT ALREADY IMPORTED
AND BEING OFFERED IN VIETNAM
(NOT APPLICABLE)

1	2	3	4	5	6	7	8
Line item	Description of goods	Unit	Required quantity	MNF, Country of origin, Part number, model of goods	Unit price	Extended Price per line item (Col. 4x6)	Taxes, fees, charges (if any)
1	<i>Goods 1</i>					A1	T1
2	<i>Goods 2</i>					A2	T2
n	<i>Goods n</i>					An	Tn
Total bidding price of goods not including taxes, fees, charges (if any)						A=A1+A2+...+An	
Total value of taxes, fees, charges (if any)							T=T1+T2+...+Tn
Total bidding price of goods including taxes, fees, charges (if any) (Transfer to the Summary of Bidding Price Form)						M₂=A+T	

Legitimate representative of the bidder
[name, position, signature and stamp]

Note:

Refer to Notes in Form 12B

DECLARATION OF PREFERENTIAL GOODS ⁽¹⁾

No.	Item	Origin <i>[name of country, origin, marks and numbers, model/PN, manufacturer]</i>	Goods with domestic production cost of 25% or higher		Domestic cost declaration	
			Yes	No	Form 15B	Form 15C
	(1)	(2)	(3)	(4)	(5)	(6)
1	Goods 1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Goods 2		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...	...					
n	Goods n		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Legitimate representative of the bidder
[name, position, signature and stamp]

Notes:

(1), (2): The bidder fills consistently with Form No. 15B or Form No. 15C

(3), (4): The bidder checks the correct box for each goods.

(5), (6): For goods with a domestic production cost of 25% or higher, the contractor either declares the cost of domestic production using Form 15B (declaration of cost of import) or Form 15C (declaration of production cost in Vietnam).

**DECLARATION OF DOMESTIC PRODUCTION COSTS FOR PREFERENTIAL
GOODS**

(in the case of declaring cost of import)

No.	Item	Offered price in Bid proposal	Taxes	Cost of import	Cost of domestic production	Cost of domestic production (%)
		(I)	(II)	(III)	$G^* = (I) - (II) - (III)$	$D(\%) = G^*/G$ where $G = (I) - (II)$
	(1)	(2)	(3)	(4)	(5)	(6)
1	Goods 1					
2	Goods 2					
...	...					
n	Goods n					

Legitimate representative of the bidder
[name, position, signature and stamp]

Notes:

(1): The bidder fills in the checked goods in column (3) and (5) of Form No. 15A.

(2): The bidder fills in the unit price offered (including all taxes, fees, charges (if any)).

(3), (4): The bidder self-declares.

(5), (6): The bidder fills.

DECLARATION OF DOMESTIC PRODUCTION COST FOR PREFERENTIAL⁽¹⁾
(in the case of declaring production costs in Vietnam)

STT No.	Tên hàng hóa Item	Offered price in Bid proposal	Taxes ⁽²⁾	Cost of domestic production	Cost of domestic production (%)
		(I)	(II)	G*	$D(\%)=G^*/G$ where $G = (I) - (II)$
	(1)	(2)	(3)	(4)	(5)
1	Hàng hoá thứ 1				
2	Hàng hoá thứ 2				
...	...				
n	Hàng hoá thứ n				

Legitimate representative of the bidder
[name, position, signature and stamp]

Note:

- (1): The bidder fills in the checked goods in column (3) and (6) of Form No. 15A.
 (2): The bidder fills in the unit price offered (including all taxes, fees, charges (if any)).
 (3), (4): The bidder self-declares.
 (5): The bidder fills;

PART 2. TECHNICAL REQUIREMENTS

Chapter V. Technical Requirements

(Refers to attachment in Part 4.Appendices)

PART 3. CONDITIONS OF CONTRACT AND CONTRACT FORMS

FORM 16. Letter of Proposal Acceptance and Contract Award

FORM 17. 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:..... CFR Vietsovpetro port, Vungtau 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 08% (eight percent) of Purchase Order and send to Vietsovpetro. 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*]

Contract form

GENERAL CONDITIONS OF CONTRACT (GCC)

1. Definitions.

As used in this Contract:

- 1.1 Company means Vietsovpetro, as specified in the Purchase Order;
- 1.2 “Purchase Order” means the documented Agreement between the Company and the Contractor, including all attached appendices and documents; herein called PO.
- 1.3 “Contractor” means the bidder who has been awarded PO by the Company (either Independent or Consortium Contractor) and is specified in the PO;
- 1.4 “Subcontractor” means a person, or entity, Contractor whose name is proposed in the list of subcontractors by the Contractor in the Proposal or who carries out any part of work proposed by the Contractor in the Bid Proposal. Subcontractor enters into the PO with the Contractor to perform part of work, as specified in the Proposal and accepted by the Company;
- 1.5 “PO Documents” means the documents listed in the PO, including any amendments, addendums thereto;
- 1.6 “PO Price” means the total price as specified in the PO for supplying Goods (and Related Services). PO Price include all taxes, fees and charges (if any).
- 1.7 “Date” means calendar day; “Year” means 365 days;
- 1.8 “Goods” means all of the machinery, equipment, commodities, spare parts, raw materials, consumer goods, medical material used at medical facilities;
- 1.9 “Related Services” means the services such as warranty, maintenance, overhaul, repair, supply of spare parts and/or other after-sale services including training, technology transfer;
- 1.10 “Completion” means the fulfillment of the Related Services by the Contractor in accordance with the terms and conditions set forth in the Contract;
- 1.11 “The Project Site” means the place named in the PO.

2. Order of precedence

The documents forming the Contract is arranged in the following order of precedence:

- 2.1 PO, including all Appendix;
- 2.2 Letter of Proposal Acceptance and Contract Award;
- 2.3 Bidding Result Approval;
- 2.4 General Conditions of Contract (GCC);
- 2.5 Proposal and Clarifications (if any);
- 2.6 Invitation for Bid and Bulletins (if any);
- 2.7 Any other document listed in the PO.

3. Governing law and Language

The Contract shall be governed by and interpreted in accordance with the laws of the Socialist Republic of Vietnam. The Contract shall be written in English.

4. Notice

- 4.1 Any notice from one Party to another relating to the PO shall be conducted in writing, to addresses specified in the PO. The term “in writing” means communicated in written form with proof of receipt.
- 4.2 A notice from one Party shall be considered as effective from the date the other Party receives it or from the effective date as specified in the notice, whichever comes later.

5. Performance Bond

5.1 Performance Bond shall be submitted to the Company no later than the date specified in Letter of Proposal Acceptance and Contract Award. Performance Bond shall be issued in one of following forms:

- a) Submit a performance bond issued by a legally domestic bank or foreign bank's branch established under Vietnamese law;
- b) Submit the certificate of guarantee insurance from a domestic non-life insurance enterprise or a branch of a foreign non-life insurance enterprise established under Vietnamese law.

The Performance Bond specified in Point a and b of this Clause is an unconditional guarantee (paid upon request), according to the form specified in the PO or another form approved by the Company.

5.2 Validity and formality is specified in the PO.

5.3. The Performance Bond will be paid to the Company to compensate for any loss arising from the Contractor's failure to fulfill their contractual obligations.

5.4 The return of Performance Bond is specified in the PO.

6. Subcontractor

6.1 The Contractor is allowed to sign contracts with Subcontractors in the List of proposed subcontractors specified in the Contract to perform part of work stated in the Proposal. The use of subcontractors shall not relieve the Contractor from any of his obligations. The Contractor shall take full responsibilities for work load, quality, progress and other responsibilities for work performed by Subcontractors.

The changing, supplement of subcontractors onto List of subcontractors or the change of subcontractor content stated in the Proposal shall be only conducted with reasonable grounds and Company's approval.

6.2 Contractor is not allowed to use subcontractors for other work which are not stated in the Bid Proposal.

6.3 Other requirements for subcontractor are specified in the PO.

7. Settlement of Disputes

7.1 The Company and the Contractor shall make every effort to resolve amicably by negotiation any disagreement or dispute arising between them.

7.2 If the dispute has not been resolved by such mutual negotiation within the specified duration in the PO from the date on which dispute arose, then either party may ask to commence arbitration under the dispute resolution mechanism, as specified in the PO.

8. Scope of Supply

Goods (and Related Services) shall be supplied as specified in Appendix No. 01 – Scope of Supply, which is considered as an integral part of this PO, including types of goods (and Related Services) supplied by the Contractor and their unit prices.

9. Delivery Schedule of Goods, Completion Date of Related Services (if any) and Documentations

Delivery Schedule of Goods, Completion Date of Related Services (if any) must be performed according to the provisions of the PO. The Contractor must provide invoice and other documents as described in the PO.

10. Contractor's Responsibilities

Contractor shall supply all Goods (and Related Services) (if any) in accordance with the Scope of Supply in accordance with GCC Clause 8, and follow the Delivery Schedule of Goods (and Completion Date of Related Services), as per GCC Clause 9.

11. Type of Contract and Contract Price

Type of contract: is specified in the PO.

Contract Price specified in the PO covers all expenses for complete supplying Goods (and Related Services) stated in the Price schedule of the PO.

12. Tax Adjustment

12.1 The Contractor shall be responsible for all costs of taxes, fees and charges incurred until the goods are delivered to the Company.

12.2 In case the Contractor is eligible for tax, fee and charge exemption or reduction, the Company shall use its best efforts to enable the Contractor to apply tax, fee and charge exemption or reduction policies.

12.3 Tax adjustment are carried out in accordance with the PO.

13. Advance Payment

13.1 The Company shall make advance payment to the Contractor with an amount stated in the Contract upon provision of Advance Payment Guarantee by the Contractor, with the value equal to the advance payment. The Advance Payment Guarantee shall be issued by a bank or credit organizations legally operating in Vietnam and shall remain effective until the advance payment has been repaid; the value of the Advance Payment Guarantee shall be progressively reduced by the amounts repaid by the Contractor. Interest shall not be applied on the advance payment.

13.2 The Contractor is to use the advance payment only for the purpose of executing the Contract. The Contractor has to prove that advance payment has been used for the right purpose by providing copies of invoices or other relevant documents to the Company. The Contractor shall be deprived of advance payment if advance payment is not used correctly.

14. Payment

14.1 Payments are made in accordance with the PO.

14.2 The payment currency shall be VND/USD/EUR in accordance with the PO.

15. Copyright

Copyright in all drawings, documents and records containing information and data submitted by the Contractor to the Company remains vested in the Contractor. Where such drawings, documents and records are provided to the Company directly or through the Contractor by a third party, copyright in such drawings, documents and records shall remain vested in that third party.

16. Use of documentations and information relating to Contract

16.1. The Company and the Contractor shall keep confidential any documents, data or other information relating to the contract provided directly or indirectly by one party to the other party, and shall not disclose such documents, data or information to a third party without the prior written consent of the other party, whether such documents, data or information are provided before, during or after the fulfillment or termination of the contract. The Contractor may transfer to a subcontractor appropriate documents, data and information provided by the Company for the subcontractor to perform its work under the contract; in this case, the subcontractor shall have an undertaking to the Contractor to keep such documents, data or information confidential.

16.2. The Company shall not use the documents, data and other information received from the Contractor for any purpose other than the contract. The Contractor shall not use the documents, data and other information received from the Company for any purpose other than the performance of the contract.

16.3. The obligations of the Company and the Contractor specified in under GCC Sub-Clauses 16.1 and 16.2 shall not apply to information that:

- a) Information that the Company or Contractor needs to provide to the competent authority;
- b) Information that has been or will be published through no fault of the Company or Contractor;
- c) Information owned by one party at the time of publication and not previously provided directly or indirectly by the other party;
- d) Information that a party lawfully receives from a third party that is not under an obligation to keep the information confidential.

16.4. The provisions of GCC Clause 16 shall not in any way modify any confidentiality commitments made by a party prior to the date of signing the contract relating to the provision of goods and services.

16.5. The provisions of GCC Clause 16 shall continue in effect after fulfillment or termination of the contract for any reason.

17. Technical Specifications and Standards

Goods (and Related Services) supplied under this Contract shall conform to the technical specifications and standards mentioned in Appendix No. 01 - Scope of Supply; and when no applicable specification or standard is mentioned, the applicable specification or standard shall be equivalent or superior to the official standards currently applied in the Goods' country of origin.

18. Packing

The Contractor shall provide such packing of the Goods as is required in the PO and is suitable with each type of transportation means during transit to their final destination. The packing shall be sufficient to prevent the Goods from damage or deterioration due to rough handling and other environmental impacts. Packing case size and weights shall take into consideration the conditions of transportation such as distance, type of transport mean, infrastructure, etc. from origin to specified destination.

19. Insurance

Goods supplied in the Contract shall be fully insured to cover losses or damages occurred in production process, transportation, stocking and delivery as described in the PO.

20. Transportation and Incidental Services

Conditions about Transportation and Incidental Services are specified in the PO.

21. Goods Inspections and Testing

The Contractor must test and take inspection of Goods and related services relevant to the provisions of the Contract and bear all testing and inspection costs according to the provisions of the Contract.

22. Damages

Damages are specified in the PO.

23. Warranty

The Contractor warrants that all the Goods supplied under Contract are new, unused, and the quality is in accordance with manufacture standard, unless otherwise provided in the Contract. The Contractor further warrants that the Goods shall be free from defects that cause problems under normal use.

Warranty period and place for the Goods is specified in Article 9 of the PO.

24. Force Majeure

24.1 For purposes of this Clause, "Force Majeure" means events beyond the control and foreseeability of the parties, such as wars, revolutions, fires, natural disaster, floods, epidemics, quarantine restrictions.

If a Force Majeure situation arises, the affected party shall promptly notify the other party in writing of such condition and the cause thereof. The affected party also has to give given by authorised organisation in the place of event.

During the Force Majeure, Contractor shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event. In this case, the Company shall consider reimbursing the Contractor necessary and reasonable additional and necessary costs beared by the Contractor.

- 24.2 Neither the party shall be liable for forfeiture of its Performance, liquidated damages, or if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

In case dispute arising due to Force Majeure shall be resolved according to GCC Clause 7.

25. Amendment, Addendum of Contract

- 25.1 Amendments to the Contract shall be applied in the following cases:

- (a) Changes in drawings, designs, or technical requirements, where Goods to be furnished under the Contract are to be specifically manufactured for the Company;
- (b) Changes in method of goods transportation or packing;
- (c) The place of delivery;
- (d) Changes of related services;
- (e) The schedule of delivery.

- 25.2. In case the amendment, addendum to the work content of the contract specified in Clause 25.1 GCC change the cost or implement time of any terms in the contract, price or delivery time and the completion date of the relevant service must be make corresponding adjustments and the two parties will amend the contract. The Contractor's request to adjust the contract's price, delivery time or completion date must be made within 28 days from the date the Contractor receives the Company's request to amend the scope of work.

- 25.3. In case the Contractor provides goods with a new version of the same manufacturer, the same origin, with technical requirements, configuration, parameters... equivalent or better than the version that the Contractor proposed in their proposals, the Contractor must notify the Company in writing for the Company's consideration. In this case, based on usage needs, the Company could accept the Contractor's proposal provided that the unit price and other terms and conditions of the contract remain unchanged.

- 25.4. In case of performing related services that has not stated in the contract, the Company and Contractor will negotiate to ensure the unit price is consistent with the market price.

- 25.5. The Company and the Contractor will negotiate to sign a contract's amendment in case of amendments. All transactions during the implementation of the Contract are made in writing by the Parties and sent by post or by fax number to the registered address or fax number of each Party specified in the Contract and email to the email address according to the form in Appendix 4 (A, B) attached.

In case the Contractor's proposal is accepted by the Company and it makes the reduce of the contract price, the Company shall pay the Contractor with the rate that specified in the Contract to the price reduction value. And if it makes the increase of the contract price, the Company shall pay the Contractor the arising value.

26. Amendment in Delivery Schedule

- 26.1. During the contract implementation time, in case of unfavorable conditions arise that prevents the Contractor or subcontractor from providing goods and performing related services as prescribed in Clause 9 GCC, The Contractor must promptly notify the Company in writing about the delay, reason, and duration of delay. Based on the Contractor's notice, the Company must quickly consider the situation and extend the contract. In case the Company agrees to extend the contract, the two parties will negotiate to sign amendments, supplement the contract.

- 26.2. Except the force majeure specified in Clause 24 GCC, if the Contractor delivers the Goods or completes related services lately, he is obliged to compensate the Company as prescribed in Clause 22 GCC.

27. Contract Termination

27.1. Contract Termination due to faults:

a) The Company may terminate partial or all of the Contract without prejudice to other remedies for breach of contract by informing the Contractor by letter about the breaches in the contract in the following cases:

(i) The Contractor cannot deliver the goods or part of the goods within the shipment time as specified in the contract, or within the extension period as specified in Clause 26 GCC;

(ii) The Contractor does not perform any other obligations under the contract;

(iii) The Company show that the Contractor violated one of the prohibited acts specified in Article 16 of the Bidding Law during the bidding process or contract implementation;

b) In case the Company terminates partial or all of the contract according to Point a of this Clause, the Company may purchase similar goods and related services that have not been performed according to the terms and conditions and methods. The Contractor shall be responsible for compensating the Company for arising costs from purchasing of such similar goods and services. However, the Contractor must continue to perform the part of the contract that was not terminated.

27.2. Contract Termination due to insolvency

In case the Contractor goes bankruptcy or becomes insolvency, the Company may terminate the contract at any time by sending notice to the Contractor. In such case, the Contract shall terminate and the Contractor shall not be entitled to compensation provided that termination shall not fact or prejudice any rights of action or remedy of the Company at any time.

28. Patent indemnity

28.1. The Contractor shall, subject to the Company's compliance with GCC Sub-Clause 28.2, indemnify and hold harmless the Company and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Company may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the contract by reason of:

a) The installation of goods by the Contractor or the use of goods in Vietnam;

b) The sale of the products produced by goods.

Such indemnity shall not cover any use of goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the contract, neither any infringement resulting from the use of goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the bidder, pursuant to the contract.

28.2. If any proceedings are brought or any claim is made against the Company arising out of the matters referred to in GCC Sub-Clause 28.1, the Company shall promptly give the Contractor a notice thereof, and the Contractor may at its own expense and in the Company's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

28.3. If the Contractor fails to notify the Company within 28 days after receipt of such notice, that it intends to conduct any such proceedings or claim, then the Company shall be free to conduct the same on its own behalf.

28.4. The Company shall, at the Contractor's request, afford all available assistance to the Contractor in conducting such proceedings or claim, and shall be reimbursed by the Contractor for all reasonable expenses incurred in so doing.

28.5. The Company shall indemnify and hold harmless the Contractor and its employees, officers, and subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Contractor may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Company.

29. Change in laws and regulations

Unless otherwise specified in the contract, if after the date of 28 days prior to deadline for submission of bids, any law or regulation is promulgated, abrogated, or changed Vietnam that subsequently affects the Delivery Date and/or the contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Contractor has thereby been affected in the performance of any of its obligations under the contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause 11.

30. Export restriction

Any to provide deliveries or services, provided that the Contractor can declare to the satisfaction of the Company that it has completed all formalities in a timely manner, including applying for permits export restrictions which arise from trade regulations from a country supplying the goods or services, and which substantially impede the Contractor from meeting its obligations under the contract, shall release the Contractor from the obligation, authorizations, and licenses necessary for the export of the goods or services under the terms of the contract. Termination of the contract on this basis shall be for the Company's convenience.

(FOR INTERNATIONAL CONTRACTOR)

PURCHASE ORDER

No.

_____, day ____ month ____ year ____

FACSIMILE!

This Facsimile Transmission (Total _____ pages)	
Company:
Country:
Fax:
From:	Vietsovetro 105 Le Loi Str., Vung Tau Ward, Ho Chi Minh City, S.R. Vietnam
Subj.:	Provision of (VSP's Inquiry No.)

Dear Sir,

Thank you for your offer **Provision of (VSP's Inquiry No.)**. We are pleased to confirm this Purchase Order on the terms and conditions as follows:

This transaction is made between:

VIETSOVPETRO

105 Le Loi Street, Vung Tau City, S.R.Vietnam

Hereinafter referred to as the Buyer.

AND

.....

Hereinafter referred to as the Seller.

ARTICLE 1: OBJECT

The Seller agrees to sell and the Buyer agrees to buy (**VSP's Inquiry No.....**) hereinafter referred to as "Goods", with the quantity, specifications, scope of supply as described in Appendix No. 01 (in pages) which are considered as an integral part of this Purchase Order.

- All Goods are manufactured in

- The Goods will be used for Petroleum activities in Block _____ of Vietsovetro.

ARTICLE 2: PRICE AND TOTAL VALUE

2.1 The unit prices for the Goods are specified in the Appendix No. 01 of this Purchase Order.

2.2 The total value of this Purchase Order is **USD** - CFR Vietsovetro Port, Vungtau City, S.R Vietnam – Incoterms 2010.
(In words:.....)

2.3 The price as mentioned above is understood CFR – Vietsovetro Port, Vungtau City, S.R Vietnam - Incoterms 2010, not subject to any alteration and includes value of the Goods, packing, marking, painting, assembling, testing, inspection, manufacturer's certificates, freight, export license if necessary, guarantee services if any etc... in accordance with terms and conditions of this Purchase Order as well as all duties levied in connection with the performance of this Purchase Order outside the Buyer's country.

ARTICLE 3: DELIVERY

3.1 Delivery date: Not later than..... **days from the date of LOA / LOI (dd/mm/yy) / signing contract** to the date that the Goods arrival at Vietsovetro's port (included navigation and transportation time).

Earlier shipment is allowed.

Partial shipment is allowed: max shipments.

Transshipment and multimodal transport are allowed at Seller's care and account.

- 3.3 Shipment to be made from port to Vietsovpetro Port, Vung Tau Ward, Ho Chi Minh City, S.R.Vietnam on the term CFR - Vietsovpetro Port, Vung Tau Ward, Ho Chi Minh City, S.R.Vietnam – Incoterms 2010, except the otherwise stated in this Purchase Order.

The Seller shall be responsible for any extra transport, warehouse expenses, taxes (except FCWT) and other charges incurred in connection with sending of Goods to the other port/wrong port (rather than Vietsovpetro port, Vung Tau Ward, Ho Chi Minh City, S.R. Vietnam). The Buyer shall carry out all inland transportation from other port to Vietsovpetro port, Vung Tau City, S.R. Vietnam and these charges will be deducted from payment by the Buyer.

In case the actual number of shipments exceeds the number specified in the Purchase Order, the Seller shall be responsible for all costs incurred for the shipments exceeding those stipulated in the Purchase Order, and these incurred costs shall be deducted from payment by the Buyer.

- 3.4 The Delivery Date is understood as: The date that Goods arrival at Vietsovpetro port (included navigation and transportation time).

The date of arrival mention here will following the date of arrival of the Goods at Vietsovpetro port that indicated in "Arrival Notice" of Vessel Agent.

- 3.4. The carrying vessel must have ISM certificate.

ARTICLE 4: NOTICE OF SHIPMENT AND DOCUMENTATION

- 4.1 The Seller shall notify the Buyer by fax as soon as possible, but not later than 03 working days from the Bill of Lading date the following information regarding the shipment:

- Purchase Order Number
- Name of Goods, quantity and value
- Number of cases, gross weight, measurement
- Bill of Lading number and its date.
- Name of vessel, nationality.
- Port of exit, ETD/ ETA
- Address, telephone, fax of the shipping agent in Vietnam.
- Any other special instructions, which should call to the Buyer's attention.

The Seller shall be responsible for any losses, expenses which may be occurred due to incorrect information from the Seller to the Buyer.

- 4.2 Required shipping document for purchased goods.

- 4.2.1. By T/T:

Immediately but not later than 03 working days from the Bill of lading date the Seller shall send by Express courier or FEDEX or DHL at the Seller's expenses to "Vietsovpetro" - 105 Le Loi, Vung Tau City, SR Vietnam the following shipment documents:

1. **Clean on board Bill of Loading** evidencing shipment from port with destination Vietsovpetro Port, Vungtau City, S.R.Vietnam, consignee: Vietsovpetro 105 Le Loi Street, Vungtau City, S.R. Vietnam, marked "Freight prepaid": 02 Surrender and 02 copies.

2. **Detailed Packing List** showing the content of each case or lot, gross and net weight: covering Goods as specified in Appendix No. 01 to this Purchase Order: 02 originals and 02 copies.

3. **Signed Commercial Invoice** issued by the Seller for the respective shipment value indicating CFR Vietsovpetro Port, Vung Tau Ward, Ho Chi Minh City, S.R.Vietnam, with itemized and total prices: 02 originals and 02 copies.

4. **Certificate of Quality and Quantity** issued by manufacturer: *as stipulated in Technical Requirements.*
5. **Certificate of Origin** issued by the Commerce Department of Manufacturer's country or Export country: *as stipulated in Technical Requirements.*
6. Other Certificates *as stipulated in Technical Requirements.*
7. **Certificates of Guarantee** issued by the Seller for the quality of Goods for the period of 12 months from the date of commissioning or 18 months from the date of arrival at site whichever is earlier: Original.
8. **Export License or Letter of the Seller** stating that Export License is not necessary for export: 01 original and 02 copies.
9. **Seller's cable or telex, fax** advising the shipment details (Invoice value, Bill of Lading date) to Vietsovpetro: 01 copy.

All the copies of the documents shall be legible, otherwise the photocopy of the original shall be furnished.

Seller shall be submit for Vendor data register list (VDRL) to Buyer for review/approval not later than 02 weeks from the date of Letter of Intent.

4.2.2. By L/C:

Immediately but not later than 05 working days from the Bill of lading date the Seller shall send by Express courier or FEDEX at the Seller's expenses to Vietsovpetro - 105 Le Loi Str., Vung Tau Ward, Ho Chi Minh City, S.R. Vietnam the following shipment documents unless otherwise stated:

1. **Clean on board Bill of Loading** evidencing shipment from port with destination Vietsovpetro Port, Vungtau City, S.R.Vietnam, consignee: Vietsovpetro 105 Le Loi Street, Vung Tau Ward, Ho Chi Minh City, S.R. Vietnam, marked "Freight prepaid": 02 Surrender and 02 copies.
2. **Detailed Packing List** showing the content of each case or lot, gross and net weight: covering Goods as specified in Appendix No. 01 to this Purchase Order: 02 originals and 02 copies.
3. **Signed Commercial Invoice** issued by the Seller for the respective shipment value indicating CFR Vietsovpetro Port, Vungtau City, S.R.Vietnam, with itemized and total prices: 02 originals and 02 copies.
4. **Certificate of Quality and Quantity** issued by manufacturer: *as stipulated in Technical Requirements.*
5. **Certificate of Origin** issued by the Commerce Department of Manufacturer's country or Export country: *as stipulated in Technical Requirements.*
6. Other Certificates *as stipulated in Technical Requirements.*
7. **Certificates of Guarantee** issued by the Seller for the quality of Goods for the period of 12 months from the date of commissioning or 18 months from the date of arrival at site whichever is earlier: Original.
8. **Export License or Letter of the Seller** stating that Export License is not necessary for export: 01 original and 02 copies.
9. **Seller's cable or telex, fax** advising the shipment details (Invoice value, Bill of Lading date) to Vietsovpetro: 01 copy.

All the copies of the documents shall be legible; otherwise the photocopy of the original shall be furnished.

- 4.3 If shipment to be made through a FIATA Freight Forwarder, under Through or Combined Transport Bill of Lading, the Seller shall have to send the Buyer by fax the copy of Local Bill of Lading of the last distance and inform the Buyer the name, contract address of the Transportation Agent in Vietnam.

- 4.4 Any storage demurrage or other charges due to non-receipt of shipping advice and/or shipping documents by the Buyer from the Seller or the Seller's agent as well as due to incorrect shipping document shall be at the Seller's account.
- 4.5 From the date of Letter of Award (LOA), The Seller must provide the Buyer with a regular report once a month on the first day of the month, showing the process of manufacturing, manufacturing, testing and supplying the Goods.
This report please send to email:@vietsov.com.vn and c/c:hq@vietsov.com.vn. The Seller must immediately report to Buyer the content of the report at least includes the following contents:
- a) Description of the work completed in the implementation stage;
 - b) Highlighting delays or delays that are likely to occur and the causes of delays affecting production progress and providing measures to ensure progress;
 - c) Change progress if any. During the implementation of the contract, all contacts of Seller send an official letter for VSP leader and send a copy by email: @vietsov.com.vn and c/c:@vietsov.com.vn.
- 4.6 Party B must ensure to provide all necessary documents as required in Article 4.2 of this Contract when delivering goods to Party A. In case Party B delivers goods to Party A's warehouse in Vung Tau but does not have all the required documents, Party A agrees to allow Party B to temporarily store the goods at the warehouse to wait for the complete collection of documents at no extra charge for first 05 calendar days. From the 6th day onwards, Party B will have to pay Party A the storage cost of the shipment according to the current storage unit price of Party A that is applied to Party A's customers. This storage cost that will be deducted directly from the invoice for this Contract or from any other payments of the Contract that duly signed by both parties

ARTICLE 5: PACKING

- 5.1 Goods supplied under this Purchase Order shall be packed in accordance with international standard for export packing to ensure safety of Goods from damages and corrosion during transportation and suitable for crane operations and handling.
- 5.2 Before packing, all metal parts of Goods must be preserved with proper grease and wrapped in waterproof strong paper to ensure protection from any damage and corrosion during their transportation and storage in Buyer's country within the guarantee period.
- 5.3 The Seller shall provide for each package a detailed packing list in English indicating the Purchase Order number, description of items, gross and net weight. One copy of the packing list in a waterproof envelope shall be put into each case with the Goods, the other copy should be fastened to the outer side of the wooden case and shall be covered with a metal plate nailed to the case. For steel cases, both copies of the packing list should be put into the cases.
- 5.4 The Seller shall be fully responsible for loss, damage of breakage of the Goods and/or rusting/corrosion resulting from defective or inadequate packing.

ARTICLE 6: MARKING

- 6.1 Marking shall be done in three sides of each case containing Goods, on the two opposite sides and on the top and contain the following information in the English language:

<p>Shipper: Consignee: VIETSOVPETRO 105 Le Loi Str., Vung Tau Ward, Ho Chi Minh City, S.R. Vietnam Purchase Order No. Case No. / Dimensions: Length x Width x Height in cm Gross WEIGHT (KGS) Net Weight (KGS) Airport/Port of Destination</p>
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- 6.2 The marking must be clearly done by indelible paint and not less than 5 (five) cm high, unless restricted by the size of the case. Where necessary, the Seller shall conspicuously mark on the side of the case appropriate international marks according to the different characteristics, the special marking “Top”, “Bottom”, “Handle with care”, handling places for reloading.
- 6.3 For the oversized cases (more than 10M long), as well as for the case weighing 500 kgs and more, or if the height of the case exceeds one meter, the center of gravity shall be clearly shown with bright indelible paint with sign (+) on the end and side faces of the cases.
- 6.4 The case number shall be indicated by a fraction, the numerator shows the ordinal number of the cases, and the denominator indicates the overall quantity of the cases into which completely delivered Goods are packed.
- 6.5 The Seller shall be responsible for any kind of losses and/or damages of the Goods during loading and unloading as well as for its transportation as a consequence of improper or insufficient marking, as well as for any extra transportation and warehouse expenses, losses connected with misaddressed delivery of the Goods due to incomplete marking.

ARTICLE 7: PAYMENT CONDITIONS

By T/T:

- 7.1 One hundred percent (100%) of shipment value shall be paid by Telegraphic Transfer to the Seller’s account within thirty (30) days from the date of the Certificate of quantity and condition issued by Independent Inspection Company at Buyer’s warehouse after receipt of the Goods and a full sets of documents above mentioned in Articles 4.
- 7.2 Transfer fee shall be on the Buyer’s account.
- 7.3 All the banking fees, including bank commission and other charges associated with the advising and corresponding bank shall be on the Seller’s account.
- 7.4 All charges in connection with the change of payment’s form/ conditions (whether occurred inside or outside S.R.Vietnam), due to Seller’s/Buyer’s request, shall be at the Seller’s/ Buyer’s account.
- 7.5 The Seller provides Seller’s bank account number.

By L/C:

- 7.6 As soon as possible, but not later than fifteen (15) days after the date of Seller’s reconfirmation the Buyer will open through the Bank for Foreign Trade of Vietnam, Vung Tau Branch, (Vietcombank Vung Tau) or other bank in Vietnam the Irrevocable and Unconfirmed Letter of Credit in favour of the Seller covering the total Purchase Order value with the content as per Appendix 1 which is to be considered as an integral part of this Purchase Order.

The validity of the Letter of Credit shall cover the Delivery Date plus 21 days.

- 7.7. Payment under this Letter of Credit shall be made for shipment and in the following installments to the Seller:
- 7.7.1. First Installment: 90% (Ninety percent) of the shipment value shall be made upon presentation of the following documents in English language by the Seller to the Bank:
1. **Clean on board Bill of Lading** evidencing shipment from port with destination Vietsovetro Port, Vung Tau Ward, Ho Chi Minh City, S.R.Vietnam, consignee: Vietsovetro 105 Le Loi Street, Vung Tau Ward, Ho Chi Minh City, S.R. Vietnam, marked “Freight prepaid”: 02 Surrender and 02 copies.
 2. **Detailed Packing List** showing the content of each case or lot, gross and net weight: covering Goods as specified in Appendix No. 01 to this Purchase Order: 02 originals and 02 copies.
 3. **Signed Commercial Invoice** issued by the Seller for the respective shipment value indicating CFR Vietsovetro Port, Vung Tau Ward, Ho Chi Minh City, S.R.Vietnam, with itemized and total prices: 02 originals and 02 copies.

4. **Certificate of Quality and Quantity** issued by manufacturer for Ex-mill items / issued by the Supplier/Authorized distributor for Ex-stock items: *as stipulated in Technical Requirements.*
5. **Certificate of Origin** issued by the Commerce Department of Manufacturer's country or Export country: *as stipulated in Technical Requirements.*
6. Other Certificates *as stipulated in Technical Requirements.*
7. **Certificates of Guarantee** issued by the Seller for the quality of Goods for the period of 12 months from the date of commissioning or 18 months from the date of arrival at site whichever is earlier: Original.
8. **Export License or Letter of the Seller** stating that Export License is not necessary for export: 01 original and 02 copies.
9. **Seller's cable or telex, fax** advising the shipment details (Invoice value, Bill of Lading date) to Vietsovetro: 01 copy.

All the documents presented by the Seller to the Bank shall be duly certified by the Seller as correct, due and payable under the terms and conditions of the Letter of credit.

Payment for incomplete delivery will not be allowed.

- 7.7.2. Second Installment: Ten percent (10%) of shipment value shall be payable against confirmation of the Buyer to the Bank within 30 days after the date of the Certificate of quantity and condition issued by Independent Inspection Company at Buyer's warehouse and Invoice.
- 7.8 The Letter of Credit shall be subject to the Uniform Customs and Practice for Documentary credit of International Chamber of Commerce (UCP No. 600), 2007 revision.
- 7.9 All the banking fees, including bank commission charges and other charges associated with the opening bank shall be on the Buyer's account.
- 7.10 All the banking fees, including bank commission charges and other charges associated with the advising and corresponding bank shall be on the Seller's account.
- 7.11 All charges in connection with the amendments of the Letter of Credit (whether occurred inside or outside S.R. Vietnam), due to Seller's/Buyer's request, shall be at the Seller's/ Buyer's account.
- 7.12 All charges associated with any extension of the Letter of credit arising due to delay in delivery as stated in Article 3 of this Purchase Order shall be at the Seller's account.
- 7.13 The Letter of Credit is to be automatically cancelled within 15 days from the date of opening, if the Buyer does not receive the original Performance Bond in favour of the Buyer with the content as stated in Appendix 2 of this Purchase Order.

ARTICLE 8: GOODS'S SURVEY

- 8.1 The survey at Buyer's warehouse of the received Goods shall be made by Independent Inspection Company with issuing a Certificate of quantity and condition.
- 8.2 The Certificate of quantity and condition issued by Independent Inspection Company for the Goods supplied under this Contract at Buyer's warehouse shall be legal document for Buyer to make claim to the Seller.

ARTICLE 9: GUARANTEE

- 9.1 The Seller guarantees that the Goods supplied under this Purchase Order shall be of the highest quality and designed standard as set in Manufacture's country for that type of Goods and shall meet current technological achievements as required, and shall be suitable for normal operation in tropical area condition regarding environment temperature up to 45 Deg.C, humidity up to 100%.
- 9.2 Proper material of high quality shall be used for manufacturing the Goods to be supplied under this Contract, and the Seller guarantees that the Goods and its quality, quantity shall be fully

in compliance with the technical specifications and scope of supply as mentioned in Article No.1 to this Purchase Order.

- 9.3 The Seller guarantees normal operation of all Goods to be supplied under this Purchase Order 12 months from the date of delivery.
- 9.4 Should the Buyer reveal any defect within the guarantee period or if the quality of Goods supplied under this Purchase Order is not in compliance with terms and conditions of this Purchase Order and its appendix, the Buyer shall notify the Seller by telex/ fax of such defect. To substantiate the claims the Buyer shall submit to the Seller the official inspection report issued by Independent Inspection Company. The report of quality issued by Independent Inspection Company shall be legal document for Buyer to make claim to the Seller.
Any claim relating to defects or non-conformity, which occurred during the guarantee period of the Goods with the technical conditions as stated in the Appendix No.1 shall be submitted to the Seller not later than three months after expiration of the guarantee period.
- 9.5 The Seller shall inform the Buyer about the results of consideration of claim not later than 14 days after receipt of the Buyer's claim telex/fax and the Seller shall eliminate the revealed defects, at his own expenses, at the Buyer's first request without any delay, but not later than 15 days after receipt of the Buyer's claim telex/fax and/or replace the defective parts or the missing parts by the new ones of good quality on the condition CIF-Vietsovpetro port (or CIP-Tan Son Nhat airport), S.R.Vietnam. All charge associated with return of the defective Goods to the Seller and delivery the new one to Buyer shall be at the Seller's account.
- 9.6 Should the Seller fail to eliminate the defects as claimed, or fail to deliver new Goods within the stipulated time in Article 9.5, the Buyer shall charge to the Seller the agreed and liquidated damages at the rate as per Article 10, the period of the above penalty shall be counted from the date of which the Seller receives the Buyer's official claim to the date of elimination of the defects or to the delivery date of the new replacement Goods minus 15 days or the Buyer shall have the right to eliminate such defects at the Seller's expenses without prejudice to its right in respect of the guarantee, and the Seller undertakes to defray at first Buyer's request all actual expenses incurred in respect of such elimination and the agreed and liquidated damages at the rate 8% value of non-used Goods due to defect found. Small defects not requiring the Seller's participation and/or permitting no delay will be eliminated by the Buyer and charged at normal costs to the Seller.
- 9.7 The guarantee period for replaced part shall be equal to that indicated in Article 9.3 and the guarantee period for Goods will be extended by the time during which it was not used due to defect found.
- 9.8 When the elimination and/or replacement is made and all related costs, expenses are settled, the claim is to be considered as finally settled.

All the claim amount, for which the Seller is to be responsible to the Buyer under this Contract may be deducted by the Buyer from the payment of the Contract value or may be covered by act of law or otherwise from the Seller to be agreed by both parties.

ARTICLE 10: DAMAGES

- 10.1. The Seller must deliver goods in full group as specified in Appendix 01 and by the date as stipulated in the Purchase Order. If delayed in delivery the Seller shall pay to the Buyer the agreed and liquidated damages as follows:
- Delay in the first four weeks: 1.00% of the breached PO value per week.
 - Delay in each following week: 1.50% of the breached PO value per week.

When calculating the amount of the agreed and liquidated damages: One week is to be defined as 07 days with 04 days or more than 04 days to be considered as one week, 03 days and less will not be counted. The agreed and liquidated damages calculated on the value of the whole group having delayed items until the total amount of agreed and liquidated damages for delay shall not exceed 08% of the breached PO value.

- 10.2. If The Seller does not deliver the sufficient quantity and types of goods as prescribed in Appendix 01 of this Contract, in that case:
- The Seller shall pay to the Buyer the agreed and liquidated damages an amount equal to 08% of the whole group.
- If The Seller does not deliver enough quantity and type of goods for each group (as specified in Appendix 01 of this Contract):
- The Buyer has the right to refuse the entire group. The Seller shall pay to the Buyer the agreed and liquidated damages an amount equal to 08% of the whole group.
- Or;
- The Buyer has the right to receive the delivered goods of the group, then, the Seller shall pay to the Buyer the agreed and liquidated damages an amount equal to 08% of the whole group.
- 10.3. If the number of shipments exceeds the ones prescribed in Article 3, then the Seller is responsible for paying the extra costs for the exceeded shipments according to the prevailing prices which are applied by the Buyer to the current customers.
- 10.4. If the supplied goods do not conform to the quality as specified in Article 2 of the Purchase Order, the Buyer shall be entitled to refuse those Goods and payment of the Purchase Order, the Seller shall pay to the Buyer the agreed and liquidated damages as stipulated in Article.10.2. The Buyer shall be entitled to accept / not accept that the Seller will provide new goods to replace the defective ones.
- 10.5. Delay in delivery / insufficient quantity:
- 10.5.1. If delay in delivery exceeds 60 calendar days against the stipulated date as in Article 3.1 of this Purchase Order, except the Force majeure circumstances, the Buyer shall be entitled to:
- a) Appoint a third party capable of providing goods/ goods with services. In that case, The Seller is responsible for signing a contract with that appointed party to continue performing the work.
- Or;
- b) Directly enter into contract with that third party buying goods / goods and services to continue performing the contract work. In that case, The Seller must pay the difference amount and other related costs and charges (if any).
- Or;
- c) Unilaterally terminate the Purchase Order and in this case The Seller shall pay to the Buyer the agreed and liquidated damages an amount equal to 08% of the breached Purchase Order value.
- 10.5.2. If the Seller delayed in delivery of one portion more than 60 calendar days as specified in Article 3.1 of this Purchase Order except the Force majeure circumstances, the Buyer shall be entitled to:
- a) Appoint a third party capable of providing goods / goods with services. In that case, The Seller is responsible for signing a contract with the designated party to continue performing the work.
- Or;
- b) Directly enter into contract with the third party buying goods / goods and services to continue performing the contract work. In that case, The Seller must pay the difference amount and other related costs and charges (if any).
- c) Unilaterally terminate the Purchase Order and in this case The Seller shall pay to the Buyer the agreed and liquidated damages an amount equal to 08% of the breached Purchase Order value.
- 10.6. The total amount of the agreed and liquidated damages should not exceed 08% the Purchase Order value.

- 10.7. The amount of the agreed and liquidated damages stated in Article 10 of this Purchase Order is exclusive of VAT and import tax.
- 10.8. The Buyer shall be entitled to :
 - 1) Deduct the amount of agreed and liquidated damages from the payment for this Purchase Order or from any payment for other Purchase Order (if any) between both sides.
 - 2) Request the Seller's issuing Bank to pay the amount equal to the Performance Bond's value;
 - 3) The Buyer shall make a written request to the Seller for the amount of agreed and liquidated damages payment. In all cases, The Seller should have to make commitment to the Buyer for the agreed and liquidated damages payment.
- 10.9. Any compensation for damage (if any) other than the liquidated damages agreed above shall be made in accordance with the law of Vietnam.

ARTICLE 11: PERFORMANCE BOND

11.1 As soon as possible within 07 (seven) calendar days from the date signing Purchase order (specified on page 01 of the contract), the Seller shall inform the Buyer by fax/telex of the issuance of the Performance Bond covering **eight percent (8%)** of the Purchase Order amount, with validity until ..., issued by the banks/branches legally operated in VietNam, acceptable to the Buyer, informing the number, date of issue and full content. In case the Performance Bond issued by the banks/branches legally operated in VietNam, the Seller shall ensure that the issuing Bank will send to the Buyer the original Performance Bond through Vietcombank Vung Tau Branch.

The content of the Performance Bond shall be in conformity with the Appendix No.1 of this Purchase Order.

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

- 11.2 Should the Buyer not receive the valid, satisfactory Performance Bond within 30 days from the Purchase Order signing date, the Buyer has the right to cancel the Purchase Order at any time and withdraw the Bid Bond without recourse to the law court or to arbitration.
- 11.3 Should the validity of the Performance Bond be required to be extended (due to delay or extension of Delivery Date of Goods) Seller shall immediately instruct the Issuing Bank to make amendment to the Performance Bond. Such amendment shall be advised by the Issuing Bank to Buyer through Vietcombank Vung Tau Branch.
- 11.4 Should the Buyer make use of Performance Bond, it will immediately send to the Seller copy of declaration to the bank.

ARTICLE 12: FORCE-MAJEURE.

- 12.1 Force majeure is an event occurring in an objective manner which is unforeseeable and unrecoverable despite all necessary and possible measures being taken such as war, riot, armed conflict, embargo, natural disaster (flood, storm, tornado, earthquake, tsunami), fire, epidemic/pandemic announced by WHO/ Country, a Region/ Country blockade order imposed by the Host Government.
- 12.2 The party encountering a force majeure event that leads to the failure to perform their obligations under the contract due to the direct influence of the force majeure event is obliged to immediately notify the other party, including the provision of information, explanation on the direct impact of the force majeure event leading to the breach of contract performance with evidence to prove measures taken to remedy the problem and minimize the damage. Delay in notification, provision of information and explanation, if later than 14 calendar days after the force majeure event occurs, shall cause the party encountering the force majeure event to lose the right to waive responsibility later on due to force majeure.
- 12.3 The written certification of the Vietnam Chamber of Commerce and Industry or the competent agency in the place where the force majeure event occurred is sufficient evidence to prove the event and the time of the force majeure.

- 12.4 If the force majeure event lasts more than 02 months, each party has the right to terminate this contract without having to compensate any amount of money for the other party.
- 12.5 The difficulties in production such as lack of materials, electricity, labor, strike are not considered force majeure and do not exempt Party B from the obligation of delivery or late delivery; Information from newspapers, the network and other media is for reference only.

ARTICLE 13: LAW AND ARBITRATION

- 13.1 This Purchase Order is governed and construed in accordance with the law of Vietnam.
- 13.2 Any disputes or discrepancies, which may arise out from this Purchase Order, shall be settled smoothly, amicably, basing on mutual benefit and mutual understanding.
- 13.3 All disputes arising out of or in relation to this Purchase Order shall be finally settled by Arbitration at the Vietnam International Arbitration Center (VIAC) in accordance with its rules of arbitration. The number of arbitrators is 03.
- The number of arbitrators shall be one
 - The place of the arbitration shall be Hanoi
 - The applicable law shall be the law of Vietnam
 - The language of arbitrator shall be Vietnamese
- 13.4 Decision / award of the arbitration shall be final and binding upon both parties. The losing party will bear the arbitration fees.

ARTICLE 14: OTHER CONDITIONS

- 14.1 Any amendment or supplement of this Purchase Order shall be valid only if they are made in writing and signed by both parties.
- 14.2 Neither party shall be entitled to transfer its rights and obligations under this Purchase Order to any third party without the prior consent in writing of the other party.
- 14.3 *Total value of this Purchase Order includes all related taxes, fees and charges. Import tax is exempted for Block 09-1.*
- 14.4 This Purchase Order shall come into force from the date of Seller's reconfirmation, which should be received by the Buyer within 07 days of this Purchase Order date and the Purchase Order will be terminated upon fulfillment by both parties all their obligations as per stipulated in this Purchase Order.
- 14.5 This Purchase Order is made in English and consists of pages, including Appendixes No. 1, 2, 3 which are considered as integral parts of this Purchase Order (Appendix No. 01: Scope of supply and Price Table, Appendix No. 02: Performance Bond, Appendix No. 03: Letter Of Credit Specimen, Appendix No. 04 (A,B): Form of Contract Transaction).
- 14.6 This Purchase Order is made in 05 originals of the same value, one of which retained by the Seller and three are retained by the Buyer.
- 14.7 Components of Purchase Order and legal order of precedence are as Clause 2 GCC.

We confirm that all of abovementioned terms and conditions of this Order are considered as terms and conditions of a Contract signed by and between two our companies.

This is an operative instrument, no mail/airmail will be followed.

Best regards,

FOR VIETSOVPETRO

Appendix No. 1 to the Purchase order No.....

SCOPE OF SUPPLY AND PRICE TABLE

Appendix No.2
FORM OF PERFORMANCE BOND

TO: _____, day _____ month _____ year _____
_____ [name of the Employer]
(Hereinafter referred to as the "Employer")

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").

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").

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.

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.

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. **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.

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. *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.*

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.

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.

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.

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.

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.

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.

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) bên cạnh Phòng Thương mại và Công nghiệp Việt Nam theo quy tắc tổ tụng trọng tài của VIAC].

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) at the Vietnam Chamber of Commerce and Industry in accordance with its rules of arbitration].

THƯ BẢO LÃNH này được phát hành duy nhất 01 (một) bản song ngữ (tiếng Việt và tiếng Anh) và không được phép chuyển nhượng. Trường hợp có sự khác nhau về cách hiểu giữa nội dung tiếng Việt và tiếng Anh thì nội dung tiếng Việt là căn cứ pháp lý.

This GUARANTEE is issued solely in 01 (one) bilingual original (Vietnamese and English) and is not transferrable. Should there be any inconsistency between the two languages of this GUARANTEE, the Vietnamese content shall prevail and be final.

LEGAL REPRESENTATIVE OF THE BANK

[Full name, title, signature and stamp]

**Appendix No. 3 to the Purchase order No.
LETTER OF CREDIT SPECIMEN**

SUBJECT:

KIND OF L/C: IRREVOCABLE UNCONFIRMED L/C, AT SIGHT.

APPLICANT: VIETSOVPETRO

(THE BUYER) 105 Le Loi Str., Vung Tau Ward, Ho Chi Minh City, S.R. Vietnam

BENEFICIARY:

(THE SELLER)

ADVISING BANK:

AMOUNT: _____ USD

(In words: United State Dollars _____) - CFR - Vietsovpetro port, Vung Tau Ward, Ho Chi Minh City, S.R. Vietnam.

VALIDITY: The validity of the Letter of Credit shall cover the Delivery Date plus 21 days.

PAYMENT CONDITIONS:

Payment under this Letter of Credit shall be made for shipment and in the following installments:

I. First Installment: 90% (Ninety percent) of the shipment value shall be made upon presentation of the following documents in English language by the Seller to the Bank:

1. **Clean on board Bill of Loading** evidencing shipment from port with destination Vietsovpetro Port, Vung Tau Ward, Ho Chi Minh City, S.R.Vietnam, consignee: Vietsovpetro 105 Le Loi Street, Vung Tau Ward, Ho Chi Minh City, S.R. Vietnam, marked "Freight prepaid": 02 Surrender and 02 copies.
2. **Detailed Packing List** showing the content of each case or lot, gross and net weight: covering Goods as specified in Appendix No. 01 to this Purchase Order: 02 originals and 02 copies.
3. **Signed Commercial Invoice** issued by the Seller for the respective shipment value indicating CFR Vietsovpetro Port, Vung Tau Ward, Ho Chi Minh City, S.R.Vietnam, with itemized and total prices: 02 originals and 02 copies.
4. **Certificate of Quality and Quantity** issued by manufacturer for Ex-mill items / issued by the Supplier/Authorized distributor for Ex-stock items: *as stipulated in Technical Requirements.*
5. **Certificate of Origin** issued by the Chamber of Commerce in Manufacturer's / Exporter's country: *as stipulated in Technical Requirements.*
6. Other Certificates *as stipulated in Technical Requirements.*
7. **Certificates of Guarantee** issued by the Seller for the quality of Goods for the period of 12 months from the date of commissioning or 18 months from the date of arrival at site whichever is earlier: Original.
8. **Export License or Letter of the Seller** stating that Export License is not necessary for export: 01 original and 02 copies.
9. **Seller's cable or telex, fax** advising the shipment details (Invoice value, Bill of Lading date) to Vietsovpetro: 01 copy.

II. Second Installment: Ten percent (10%) of shipment value shall be payable against confirmation of the Buyer to the Bank within 30 days after the date of the Certificate of quantity and condition issued by Independent Inspection Company at Buyer's warehouse.

The Letter of Credit shall be subject to the Uniform Customs and Practice for Documentary credit of International Chamber of Commerce (UCP No. 600), 2007 revision.

All the banking fees, including bank commission charges and other charges associated with the opening bank shall be on the Buyer's account.

All the banking fees, including bank commission charges and other charges associated with the advising and corresponding bank shall be on the Seller's account.

All charges in connection with the amendments of the Letter of Credit (whether occurred inside or outside S.R. Vietnam), due to Seller's/Buyer's request, shall be at the Seller's / Buyer's account.

All charges associated with any extension of the Letter of credit arising due to delay in delivery as stated in Article 3 of this Contract shall be at the Seller's account.

COVERING:

Scope of supply, specifications, Quantity and Prices are in accordance to Appendix No. 1 of Purchase Order No. _____

SHIPMENT:

Shipment to be made from _____ Port to Vietsovpetro Port, Vung Tau Ward, Ho Chi Minh City, S.R. Vietnam on the terms of - Incoterms 2010.

Delivery Date: from the date of LOI/LOA/signing contract (included navigation period and transportation time). The date of arrival mention here will following the date of arrival of the Goods at Vietsovpetro port that indicated in "Arrival Notice" of Vessel Agent.

Earlier shipment is allowed

Partial shipment is allowed.

Total max shipments.

Transshipment is allowed at Seller's care and account

The Delivery Date is understood as the date arrival Vietsovpetro Port, Vung Tau Ward, Ho Chi Minh City, S.R. Vietnam.

PACKING AND MARKING: As per Purchase Order No. ___ dated _____

SPECIAL CONDITIONS:

Agreed and liquidated damages for delay of delivery:

Shipment after above stated delivery date is allowed but not exceeds two months. For Bill of Lading dated after delivery date, Buyer's Bank is authorized to deduct the agreed and liquidated damages amount following Group have item be delay as follows:

- Delay in the first four weeks: 1.00% of the breached PO value per week

- Delay in each following week: 1.50% of the breached PO value per week.

One week is to be defined as 07 days, 04 days or more than 04 days to be considered as one week, 03 days and less will not be counted.

Total agreed and liquidated damage amount does not exceed 8% of the breached PO value per week.

The Letter of Credit is to be automatically cancelled within 15 days from the date of opening, if the Buyer does not receive the original Performance Bond in favour of the Buyer with the content as stated in Appendix No. 2 of this Purchase Order.

Appendix No.04 (A)

SAMPLE LETTER OF TRANSACTION PERFORMANCE CONTRACT

Date month year 20 ..

To: Vietsovetro
105 Le Loi – Vung Tau Ward, Ho Chi Minh City
Fax: 84-254-3839 857
Recipient: Tran Quoc Thang – Deputy General Director
Copy: Nguyen Thi Van Anh – Manager of Commercial Department
Email: @vietsov.com.vn

(Write the transaction content of: Change of Goods, progress, use of Quota, contents related to the contract value, payment)

**REPRESENTATIVE OF PARTY....
(Sign and Stamp)**

Appendix No.04 (B)

SAMPLE LETTER OF TRANSACTION PERFORMANCE CONTRACT

Date month year 20 ..

To: Vietsovetro
105 Le Loi – Vung Tau Ward, Ho Chi Minh City
Fax: 84-254-3839 857
Recipient: Vietsovetro Commercial Department / Vietsovetro port & Logistics Division/
Offshore Contruction Division
Email: @vietsov.com.vn

(Write the transaction content of: Notification of delivery, documentation of goods,.)

REPRESENTATIVE OF PARTY....
(Sign and Stamp)

BIỂU MẪU HỢP ĐỒNG

ĐIỀU KIỆN CHUNG CỦA HỢP ĐỒNG (ĐKC)

1. Định nghĩa

Trong hợp đồng này, các từ ngữ dưới đây được hiểu như sau:

- 1.1. “Chủ đầu tư” là Liên doanh Việt – Nga Vietsovpetro được quy định tại **Hợp đồng**;
- 1.2. “Hợp đồng” là thỏa thuận giữa Chủ đầu tư và Nhà thầu, thể hiện bằng văn bản, được hai bên ký kết, bao gồm cả phụ lục và tài liệu kèm theo;
- 1.3. “Nhà thầu” là nhà thầu trúng thầu (có thể là nhà thầu độc lập hoặc liên danh) và được quy định tại **Hợp đồng**;
- 1.4. “Nhà thầu phụ” là nhà thầu có tên trong danh sách các nhà thầu phụ do Nhà thầu đề xuất trong HSDT và được Nhà thầu ký hợp đồng để thực hiện dịch vụ liên quan;
- 1.5. “Tài liệu hợp đồng” là các tài liệu được liệt kê trong Hợp đồng, bao gồm bất kỳ bản sửa đổi, bổ sung nào của Hợp đồng;
- 1.6. “Giá hợp đồng” là tổng số tiền ghi trong hợp đồng cho việc cung cấp hàng hoá và dịch vụ liên quan. Giá hợp đồng đã bao gồm tất cả các chi phí về thuế, phí, lệ phí (nếu có);
- 1.7. “Ngày” là ngày dương lịch; “năm” là 365 ngày;
- 1.8. “Hàng hóa” bao gồm máy móc, thiết bị, nguyên liệu, nhiên liệu, vật liệu, vật tư, phụ tùng; hàng tiêu dùng; trang thiết bị y tế dùng cho các cơ sở y tế;
- 1.9. “Dịch vụ liên quan” bao gồm các dịch vụ như lắp đặt, duy tu, bảo dưỡng, sửa chữa ban đầu, bảo hiểm lắp đặt, bảo hiểm sửa chữa hoặc cung cấp các dịch vụ sau bán hàng khác như đào tạo, chuyển giao công nghệ...;
- 1.10. “Hoàn thành” là việc Nhà thầu hoàn tất các dịch vụ liên quan theo các điều khoản và điều kiện quy định tại Hợp đồng;
- 1.11. “Địa điểm dự án” là địa điểm được quy định tại **Hợp đồng**.

2. Tài liệu hợp đồng và thứ tự ưu tiên

2.1. Tất cả các tài liệu nêu tại Mục 2.2 ĐKC (bao gồm cả các phần của tài liệu) sẽ cấu thành Hợp đồng để tạo thành thể thống nhất, có tính tương hỗ, bổ sung và giải thích cho nhau.

2.2. Hợp đồng, các tài liệu và thứ tự ưu tiên pháp lý như sau:

- a) Hợp đồng (kèm theo các Phụ lục hợp đồng);
- b) Biên bản thương thảo, hoàn thiện hợp đồng;
- c) Báo cáo phê duyệt kết quả lựa chọn nhà thầu;
- d) Điều kiện chung của hợp đồng;
- e) Hồ sơ dự thầu của Nhà thầu trúng thầu;
- f) Hồ sơ mời thầu và các tài liệu sửa đổi hồ sơ mời thầu.

3. Luật và ngôn ngữ

Luật điều chỉnh hợp đồng là luật Việt Nam, ngôn ngữ của hợp đồng là tiếng Việt.

4. Thông báo

4.1. Bất cứ thông báo nào của một bên gửi cho bên kia liên quan đến hợp đồng phải được thể hiện

bằng văn bản, theo địa chỉ quy định tại **Hợp đồng**. Thuật ngữ “bằng văn bản” có nghĩa là hình thức truyền đạt thông tin dưới dạng viết và có bằng chứng về việc tiếp nhận thông tin.

4.2. Thông báo của một bên sẽ được coi là có hiệu lực kể từ ngày bên kia nhận được hoặc theo ngày hiệu lực nêu trong thông báo, tùy theo ngày nào đến muộn hơn.

5. Bảo đảm thực hiện hợp đồng

5.1. Bảo đảm thực hiện hợp đồng phải được nộp lên Chủ đầu tư không muộn hơn ngày quy định tại Thư chấp thuận HSDT và trao hợp đồng. Bảo đảm thực hiện hợp đồng được thực hiện bằng một trong các hình thức sau:

a) Nộp thư bảo lãnh của tổ chức tín dụng trong nước, chi nhánh ngân hàng nước ngoài được thành lập theo pháp luật Việt Nam;

b) Nộp giấy chứng nhận bảo hiểm bảo lãnh của doanh nghiệp bảo hiểm phi nhân thọ trong nước, chi nhánh doanh nghiệp bảo hiểm phi nhân thọ nước ngoài được thành lập theo pháp luật Việt Nam.

Bảo đảm thực hiện hợp đồng theo quy định tại điểm a và điểm b khoản này là bảo đảm không có điều kiện (trả tiền khi có yêu cầu), theo mẫu quy định tại Phần 4 hoặc một mẫu khác được Chủ đầu tư chấp thuận.

c) Hình thức khác được Chủ đầu tư chấp thuận quy định tại **Hợp đồng**.

5.2. Bảo đảm thực hiện hợp đồng có giá trị và hiệu lực quy định tại **Hợp đồng**.

5.3. Bảo đảm thực hiện hợp đồng sẽ được trả cho Chủ đầu tư để bồi thường cho bất kỳ tổn thất nào phát sinh do Nhà thầu không hoàn thành các nghĩa vụ hợp đồng.

5.4. Thời hạn hoàn trả bảo đảm thực hiện hợp đồng theo quy định tại **Hợp đồng**.

6. Ký hợp đồng thầu phụ

6.1. Nhà thầu được ký kết hợp đồng với các nhà thầu phụ trong danh sách các nhà thầu phụ quy định tại **Hợp đồng** để thực hiện dịch vụ liên quan nêu trong HSDT. Việc sử dụng nhà thầu phụ sẽ không làm thay đổi các nghĩa vụ của nhà thầu. Nhà thầu phải chịu trách nhiệm trước Chủ đầu tư về khối lượng, chất lượng, tiến độ và các nghĩa vụ khác đối với phần việc do nhà thầu phụ thực hiện.

Việc thay thế, bổ sung nhà thầu phụ trong danh sách các nhà thầu phụ nêu trong HSDT hoặc thay đổi nội dung thầu phụ nêu trong HSDT chỉ được thực hiện khi được chủ đầu tư chấp thuận; việc sử dụng nhà thầu phụ phải phù hợp với nhu cầu của nhà thầu trong thực hiện hợp đồng, nhà thầu phụ phải đáp ứng về năng lực, kinh nghiệm theo yêu cầu của nhà thầu.

6.2. Nhà thầu có trách nhiệm thanh toán đầy đủ và đúng hạn cho nhà thầu phụ theo các điều khoản thỏa thuận giữa Nhà thầu và nhà thầu phụ.

7. Giải quyết tranh chấp

7.1. Chủ đầu tư và Nhà thầu có trách nhiệm giải quyết các tranh chấp phát sinh giữa hai bên thông qua thương lượng, hòa giải.

7.2. Nếu tranh chấp không thể giải quyết được bằng thương lượng, hòa giải trong thời gian quy định tại **Hợp đồng** kể từ ngày phát sinh tranh chấp thì bất kỳ bên nào cũng đều có thể yêu cầu đưa việc tranh chấp ra giải quyết theo cơ chế được quy định tại Hợp đồng.

8. Phạm vi cung cấp

Hàng hóa và dịch vụ liên quan phải được cung cấp theo quy định tại **Hợp đồng**.

9. Tiến độ giao hàng, lịch hoàn thành các dịch vụ liên quan (nếu có) và tài liệu chứng từ

Tiến độ giao hàng và lịch hoàn thành các dịch vụ liên quan (nếu có) phải được thực hiện theo quy định tại **Hợp đồng**. Nhà thầu phải cung cấp các hoá đơn, chứng từ tài liệu khác theo quy định tại **Hợp đồng**.

10. Trách nhiệm của Nhà thầu

Nhà thầu phải cung cấp toàn bộ hàng hóa và dịch vụ liên quan (nếu có) trong phạm vi cung cấp quy định tại Mục 8 ĐKC và theo tiến độ giao hàng, lịch hoàn thành các dịch vụ liên quan quy định tại Mục 9 ĐKC.

11. Loại hợp đồng và giá hợp đồng

11.1. Loại hợp đồng: theo quy định tại **Hợp đồng**.

11.2. Giá hợp đồng quy định tại **Hợp đồng** là toàn bộ chi phí để hoàn thành việc cung cấp hàng hoá và dịch vụ liên quan của gói thầu nêu trong Bảng giá hợp đồng trên cơ sở bảo đảm tiến độ, chất lượng theo đúng yêu cầu của gói thầu.

12. Thuế, phí, lệ phí

12.1. Nhà thầu chịu trách nhiệm đối với toàn bộ chi phí về thuế, phí, lệ phí phát sinh cho đến khi hàng hóa được giao cho Chủ đầu tư.

12.2. Trường hợp Nhà thầu thuộc đối tượng được miễn, giảm thuế, phí, lệ phí, Chủ đầu tư tạo điều kiện tối đa cho Nhà thầu áp dụng các chính sách miễn, giảm thuế, phí, lệ phí và được quy định tại **Hợp đồng**.

12.3. Việc điều chỉnh thuế thực hiện theo quy định tại **Hợp đồng**.

13. Tam ứng

13.1. Chủ đầu tư phải cấp cho Nhà thầu khoản tiền tạm ứng theo quy định tại **Hợp đồng**, sau khi Nhà thầu nộp Bảo lãnh tạm ứng tương đương với khoản tiền tạm ứng. Bảo lãnh tạm ứng phải được phát hành bởi một tổ chức tín dụng hoặc chi nhánh ngân hàng nước ngoài được thành lập theo pháp luật Việt Nam.

13.2. Nhà thầu chỉ được sử dụng tiền tạm ứng cho việc thực hiện Hợp đồng. Nhà thầu phải chứng minh rằng khoản tiền tạm ứng đã được sử dụng đúng mục đích, đúng đối tượng bằng cách nộp bản sao các hóa đơn chứng từ hoặc tài liệu liên quan cho Chủ đầu tư.

14. Thanh toán

14.1. Yêu cầu thanh toán của Nhà thầu phải được gửi cho Chủ đầu tư bằng văn bản, kèm theo hóa đơn mô tả hàng hóa đã bàn giao và các dịch vụ liên quan đã thực hiện, cùng với chứng từ nộp theo quy định tại Điều 9 ĐKC và gửi yêu cầu thanh toán khi đã hoàn thành các nghĩa vụ khác quy định trong hợp đồng.

14.2. Việc thanh toán thực hiện theo quy định tại **Hợp đồng**.

14.3. Đồng tiền thanh toán là VND.

15. Quyền tác giả

Quyền tác giả đối với tất cả các bản vẽ, tài liệu và hồ sơ chứa đựng thông tin và dữ liệu mà Nhà thầu đã nộp cho Chủ đầu tư vẫn thuộc về Nhà thầu. Trường hợp các bản vẽ, tài liệu và hồ sơ đó được cung cấp cho Chủ đầu tư một cách trực tiếp hoặc thông qua Nhà thầu bởi một bên thứ ba thì quyền tác giả đối với các bản vẽ, tài liệu và hồ sơ thuộc về bên thứ ba đó.

16. Sử dụng các tài liệu và thông tin liên quan đến hợp đồng

16.1. Chủ đầu tư và Nhà thầu phải bảo mật bất kỳ tài liệu, dữ liệu hoặc thông tin nào khác liên quan đến hợp đồng do một bên cung cấp trực tiếp hoặc gián tiếp cho bên kia, không được tiết lộ tài liệu, dữ

liệu hoặc thông tin đó cho bên thứ ba nếu không có văn bản đồng ý của bên kia cho dù tài liệu, dữ liệu hoặc thông tin đó được cung cấp trước, trong hoặc sau khi hoàn thành hoặc chấm dứt hợp đồng. Nhà thầu có thể chuyển cho nhà thầu phụ các tài liệu, dữ liệu và thông tin phù hợp do Chủ đầu tư cung cấp để nhà thầu phụ thực hiện công việc của mình theo hợp đồng; trong trường hợp này, nhà thầu phụ phải có cam kết với Nhà thầu về việc bảo mật các tài liệu, dữ liệu hoặc thông tin đó.

16.2. Chủ đầu tư không được sử dụng các tài liệu, dữ liệu và thông tin khác nhận được từ Nhà thầu cho bất kỳ mục đích nào khác không liên quan đến hợp đồng. Nhà thầu không được sử dụng các tài liệu, dữ liệu và thông tin khác nhận được từ Chủ đầu tư cho bất kỳ mục đích nào khác không liên quan đến việc thực hiện hợp đồng.

16.3. Nghĩa vụ của Chủ đầu tư và Nhà thầu quy định tại Mục 16.1 và Mục 16.2 ĐKC không áp dụng đối với các thông tin sau đây:

- a) Thông tin mà Chủ đầu tư hoặc Nhà thầu cần cung cấp cho cấp có thẩm quyền;
- b) Thông tin đã hoặc sẽ được công bố mà không phải do lỗi của Chủ đầu tư hoặc Nhà thầu;
- c) Thông tin thuộc sở hữu của một bên vào thời điểm công bố và trước đó không phải do bên kia cung cấp trực tiếp hoặc gián tiếp;
- d) Thông tin mà một bên nhận được một cách hợp pháp từ một bên thứ ba không có nghĩa vụ bảo mật thông tin.

16.4. Các quy định tại Mục 16 ĐKC không làm thay đổi bất kỳ cam kết bảo mật nào do một bên đưa ra trước ngày ký hợp đồng liên quan đến việc cung cấp hàng hóa, dịch vụ.

16.5. Các quy định tại Mục 16 ĐKC tiếp tục có hiệu lực sau khi hoàn thành hoặc chấm dứt hợp đồng vì bất cứ lý do gì.

17. Thông số kỹ thuật và tiêu chuẩn

Hàng hóa và các dịch vụ liên quan được cung cấp theo hợp đồng sẽ phải tuân theo các thông số kỹ thuật và tiêu chuẩn quy định tại Chương V; nếu tại Chương V không quy định đến một thông số hay tiêu chuẩn nào có thể áp dụng thì phải tuân thủ theo thông số và tiêu chuẩn tương đương hoặc cao hơn tiêu chuẩn hiện hành tại quốc gia hoặc vùng lãnh thổ mà hàng hóa có xuất xứ.

18. Đóng gói hàng hoá

18.1. Nhà thầu phải đóng gói hàng hóa đúng yêu cầu nhằm tránh hư hỏng trong quá trình vận chuyển đến địa điểm dự án theo quy định trong hợp đồng. Trong quá trình vận chuyển, bao gói hàng hóa phải đủ chắc chắn để chịu được những va chạm mạnh, nhiệt độ quá cao hoặc quá thấp, trong nước mưa, nước mưa và ở ngoài trời. Kích thước và trọng lượng của mỗi kiện hàng phải tính đến điều kiện vận chuyển như khoảng cách, phương tiện vận chuyển, điều kiện cơ sở hạ tầng... từ nơi xuất hàng đến địa điểm dự án.

18.2. Việc đóng gói, ghi chú đối với hàng hóa, các giấy tờ bên trong và bên ngoài kiện hàng phải tuân thủ các yêu cầu cụ thể trong hợp đồng, bao gồm cả các yêu cầu (nếu có) quy định ở **Hợp đồng** và các chỉ dẫn khác của Chủ đầu tư.

19. Bảo hiểm

Trừ trường hợp có quy định khác tại **Hợp đồng**, hàng hóa cung cấp theo hợp đồng phải được bảo hiểm đầy đủ cho các tổn thất, hư hại có thể xảy ra trong quá trình sản xuất hoặc tiếp nhận, vận chuyển, lưu kho và giao hàng theo quy định tại **Hợp đồng**.

20. Vận chuyển và các dịch vụ phát sinh

20.1. Yêu cầu về vận chuyển hàng hóa và các yêu cầu khác quy định tại **Hợp đồng**.

20.2. Chủ đầu tư có thể yêu cầu Nhà thầu cung cấp một hoặc một số dịch vụ sau đây, bao gồm cả các dịch vụ (nếu có) theo quy định tại **Hợp đồng**:

- a) Thực hiện việc lắp đặt hoặc giám sát việc lắp đặt tại hiện trường, chạy thử hàng hóa;
- b) Cung cấp các dụng cụ cần thiết để lắp ráp, bảo dưỡng hàng hóa;
- c) Cung cấp tài liệu chi tiết hướng dẫn vận hành và bảo dưỡng cho từng loại hàng hóa;
- d) Vận hành hoặc giám sát hoặc bảo dưỡng, sửa chữa hàng hóa trong khoảng thời gian đã được các bên thỏa thuận, với điều kiện là dịch vụ này sẽ không miễn trừ cho Nhà thầu khỏi bất kỳ nghĩa vụ bảo hành nào theo hợp đồng này;
- đ) Hướng dẫn nhân sự của Chủ đầu tư về cách lắp đặt, chạy thử, vận hành, bảo dưỡng, sửa chữa hàng hóa.

20.3. Trường hợp phát sinh dịch vụ ngoài hợp đồng, Chủ đầu tư và Nhà thầu thương thảo về chi phí thực hiện dịch vụ, bảo đảm không vượt quá mức giá mà Nhà thầu áp dụng cho dịch vụ tương tự trong các hợp đồng khác.

21. Kiểm tra và thử nghiệm hàng hóa

Nhà thầu phải tiến hành tất cả các thử nghiệm, kiểm tra đối với hàng hóa và dịch vụ liên quan theo quy định tại **Hợp đồng** và chịu toàn bộ chi phí thử nghiệm, kiểm tra theo quy định của **Hợp đồng**.

22. Phạt và bồi thường thiệt hại

Phạt vi phạm hợp đồng và bồi thường thiệt hại theo quy định tại **Hợp đồng**.

23. Bảo hành

23.1. Nhà thầu bảo đảm cung cấp hàng hóa mới, chưa qua sử dụng theo đúng đề xuất đã nêu.

23.2. Nhà thầu bảo đảm hàng hóa không phát sinh khiếm khuyết do bất kỳ hành động hay sơ suất nào từ phía Nhà thầu hoặc do thiết kế, vật liệu hoặc kỹ thuật chế tạo khi hàng hóa được sử dụng bình thường trong các điều kiện phổ biến tại Việt Nam.

23.3. Thời hạn bảo hành và địa điểm áp dụng bảo hành quy định tại **Hợp đồng**.

23.4. Trường hợp phát hiện khiếm khuyết của hàng hóa, Chủ đầu tư kịp thời thông báo cho Nhà thầu, kèm theo tài liệu chứng minh. Chủ đầu tư tạo điều kiện cho Nhà thầu tiến hành kiểm tra các khiếm khuyết đó.

23.5. Sau khi nhận được thông báo của Chủ đầu tư về việc hàng hóa có khiếm khuyết, Nhà thầu phải kịp thời sửa chữa hoặc thay thế hàng hóa có khiếm khuyết trong thời hạn quy định tại **Hợp đồng** và chịu toàn bộ chi phí sửa chữa, thay thế.

23.6. Trường hợp đã được thông báo nhưng Nhà thầu không tiến hành sửa chữa khiếm khuyết của hàng hóa trong thời hạn quy định tại **Hợp đồng**, Chủ đầu tư có thể tự sửa chữa (nếu cần thiết). Nhà thầu phải chịu tất cả rủi ro và chi phí liên quan. Việc Chủ đầu tư tự sửa chữa khiếm khuyết của hàng hóa không ảnh hưởng đến các quyền khác của Chủ đầu tư đối với Nhà thầu theo hợp đồng.

24. Bồi thường vi phạm sáng chế

24.1. Với điều kiện là Chủ đầu tư tuân thủ Mục 24.2 ĐKC, Nhà thầu có nghĩa vụ bồi thường, bảo đảm Chủ đầu tư và nhân sự của Chủ đầu tư không bị tổn hại bởi bất kỳ vụ kiện tụng, thủ tục hành chính, khiếu nại, yêu cầu, tổn thất, thiệt hại, chi phí nào, bao gồm cả chi phí thuê luật sư vì có vi phạm hoặc cáo buộc vi phạm sáng chế, mẫu hữu ích, kiểu dáng công nghiệp, nhãn hiệu, quyền tác giả hoặc các quyền sở hữu trí tuệ khác đã đăng ký hoặc tồn tại vào ngày ký hợp đồng mà các vi phạm hoặc cáo buộc vi phạm đó liên quan tới:

- a) Việc lắp đặt hàng hóa do Nhà thầu thực hiện hoặc việc sử dụng hàng hóa tại Việt Nam;
- b) Việc bán các sản phẩm được sản xuất từ hàng hóa.

Việc bồi thường nêu trên không áp dụng đối với các trường hợp sau: sử dụng hàng hóa hoặc bất kỳ phần nào của hàng hóa ngoài mục đích nêu trong hợp đồng hoặc phát sinh hợp lý từ hợp đồng; có hành vi vi phạm do sử dụng hàng hóa hoặc bất kỳ phần nào của hàng hóa, hay bất kỳ sản phẩm nào được sản xuất từ hàng hóa có sự kết hợp các thiết bị, nhà xưởng hoặc vật tư khác không phải do Nhà thầu cung cấp theo hợp đồng.

24.2. Trường hợp xảy ra kiện tụng hoặc khiếu nại đối với Chủ đầu tư liên quan tới các vấn đề quy định tại Mục 24.1 ĐKC, Chủ đầu tư có nghĩa vụ thông báo kịp thời cho Nhà thầu. Nhà thầu có thể nhân danh Chủ đầu tư giải quyết kiện tụng hoặc khiếu nại đó hoặc thương thảo để giải quyết kiện tụng hoặc khiếu nại đó và chịu trách nhiệm đối với các chi phí liên quan.

24.3. Trong vòng 28 ngày kể từ khi nhận được thông báo của Chủ đầu tư, trường hợp Nhà thầu không thông báo cho Chủ đầu tư về ý định giải quyết kiện tụng hay khiếu nại đó, Chủ đầu tư sẽ tự giải quyết.

24.4. Trường hợp được yêu cầu, Chủ đầu tư hỗ trợ Nhà thầu giải quyết vụ kiện tụng hay khiếu nại đó và sẽ được Nhà thầu hoàn trả mọi chi phí hợp lý phát sinh.

24.5. Chủ đầu tư có nghĩa vụ bồi thường, đảm bảo Nhà thầu, nhà thầu phụ, nhân sự của Nhà thầu không bị tổn hại bởi bất kỳ vụ kiện tụng, thủ tục hành chính, khiếu nại, yêu cầu, tổn thất, thiệt hại, chi phí nào, bao gồm cả chi phí thuê luật sư vì có vi phạm hoặc cáo buộc vi phạm sáng chế, mẫu hữu ích, kiểu dáng công nghiệp, nhãn hiệu, quyền tác giả hoặc các quyền sở hữu trí tuệ khác đã đăng ký hoặc tồn tại vào ngày ký hợp đồng mà các vi phạm hoặc cáo buộc vi phạm đó phát sinh từ hoặc liên quan đến bất kỳ thiết kế, dữ liệu, bản vẽ, thông số kỹ thuật hoặc các tài liệu và hồ sơ nào được cung cấp hoặc thiết kế bởi Chủ đầu tư hoặc thay mặt Chủ đầu tư.

25. Thay đổi liên quan đến pháp lý

Trừ trường hợp có quy định khác tại hợp đồng, kể từ 28 ngày trước ngày có thời điểm đóng thầu trở về sau, nếu có bất kỳ chính sách nào được ban hành, thay thế, sửa đổi hoặc tuyên bố hết hiệu lực tại Việt Nam gây ảnh hưởng đến ngày giao hàng và/hoặc giá hợp đồng thì ngày giao hàng hoặc giá hợp đồng phải được điều chỉnh tương ứng với mức độ ảnh hưởng của nhà thầu khi thực hiện các nghĩa vụ theo hợp đồng. Phần tăng hoặc giảm giá hợp đồng không được thanh toán riêng hay ghi nhận khoản phải trả riêng nếu việc tăng hoặc giảm giá hợp đồng này đã được quy định tại Mục 11 ĐKC.

26. Bất khả kháng

26.1. Nhà thầu không bị tịch thu bảo lãnh thực hiện hợp đồng, không phải chịu trách nhiệm bồi thường thiệt hại hay bị phạt hoặc bị chấm dứt hợp đồng nếu rơi vào các sự kiện bất khả kháng gây cản trở tiến độ thực hiện hợp đồng hoặc không thể thực hiện nghĩa vụ hợp đồng.

26.2. Khi xảy ra sự việc bất khả kháng, việc một bên không thực hiện được bất kỳ một nghĩa vụ nào của mình sẽ không bị coi là vi phạm hay phá vỡ Hợp đồng, với điều kiện nhà thầu bị ảnh hưởng bởi vụ việc này: (a) đã tiến hành những biện pháp ngăn ngừa hợp lý, cẩn trọng và các biện pháp thay thế cần thiết, tất cả với mục đích thực hiện được những điều khoản và điều kiện của Hợp đồng này, và (b) phải tiếp tục thực hiện các nghĩa vụ của mình trong phạm vi Hợp đồng chừng nào việc thực hiện này còn hợp lý và thực tế.

26.3. Trong hợp đồng này, bất khả kháng được hiểu là các sự kiện nằm ngoài tầm kiểm soát của các bên và không thể lường trước, không thể tránh được và khiến cho việc thực hiện hợp đồng là không khả thi mà nguyên nhân không phải do sơ suất hoặc thiếu chú ý của các bên. Sự kiện bất khả kháng có thể bao gồm nhưng không giới hạn bởi chiến tranh, bạo loạn, đình công, hỏa hoạn, lũ lụt, dịch bệnh, cách ly do kiểm dịch hoặc các chính sách, quy định của Nhà nước.

26.4. Khi xảy ra sự kiện bất khả kháng, nhà thầu bị ảnh hưởng bởi sự kiện bất khả kháng phải kịp thời thông báo bằng văn bản cho bên kia về sự kiện đó và nguyên nhân gây ra sự kiện trong vòng 14 ngày kể từ ngày xảy ra sự kiện bất khả kháng. Đồng thời, chuyển cho bên kia giấy xác nhận về sự kiện bất khả kháng đó được cấp bởi một tổ chức có thẩm quyền tại nơi xảy ra sự kiện bất khả kháng.

Nhà thầu bị ảnh hưởng bởi sự kiện bất khả kháng phải tiếp tục thực hiện các nghĩa vụ hợp đồng theo hoàn cảnh thực tế cho phép và phải tìm mọi biện pháp hợp lý để hạn chế hậu quả của sự việc bất khả kháng.

26.5. Thời hạn mà một bên phải hoàn thành một công việc theo Hợp đồng này được gia hạn thêm một khoảng thời gian bằng đúng thời gian bên đó không thể thực hiện được công việc do sự kiện bất khả kháng gây ra.

27. Sửa đổi hợp đồng

27.1. Chủ đầu tư có thể yêu cầu Nhà thầu sửa đổi, bổ sung các nội dung sau đây trong phạm vi công việc của hợp đồng:

- a) Thay đổi bản vẽ, thiết kế công nghệ hoặc yêu cầu kỹ thuật đối với trường hợp hàng hóa cung cấp theo hợp đồng được đặt hàng sản xuất cho riêng Chủ đầu tư;
- b) Thay đổi phương thức vận chuyển hoặc đóng gói;
- c) Thay đổi địa điểm giao hàng;
- d) Thay đổi dịch vụ liên quan.

đ) Điều chỉnh tiến độ thực hiện hợp đồng theo quy định tại Mục 28 ĐKC.

27.2. Trường hợp việc sửa đổi, bổ sung các nội dung trong phạm vi công việc của hợp đồng quy định tại Mục 27.1 ĐKC làm thay đổi chi phí hoặc thời gian thực hiện bất kỳ điều khoản nào trong hợp đồng, giá hợp đồng hoặc ngày giao hàng, ngày hoàn thành dịch vụ liên quan phải được điều chỉnh tương ứng và hai bên tiến hành sửa đổi hợp đồng. Yêu cầu của Nhà thầu về việc điều chỉnh giá hợp đồng, ngày giao hàng hoặc ngày hoàn thành phải được tiến hành trong vòng 28 ngày, kể từ ngày Nhà thầu nhận được yêu cầu của Chủ đầu tư về việc sửa đổi, bổ sung nội dung công việc của hợp đồng.

27.3. Trường hợp Nhà thầu cung cấp hàng hóa với phiên bản mới của cùng hãng sản xuất, có cùng xuất xứ, có tính năng kỹ thuật, cấu hình, thông số... tương đương hoặc tốt hơn phiên bản hàng hóa Nhà thầu đề xuất trong HSDT và đáp ứng yêu cầu HSMT thì Nhà thầu phải thông báo trước bằng văn bản cho Chủ đầu tư để Chủ đầu tư xem xét. Trong trường hợp này, căn cứ nhu cầu sử dụng, Chủ đầu tư có thể chấp thuận đề xuất của Nhà thầu với điều kiện là đơn giá và các điều kiện khác của hợp đồng không thay đổi.

27.4. Trường hợp cần thực hiện các dịch vụ liên quan chưa nêu trong hợp đồng, Chủ đầu tư và Nhà thầu tiến hành thương thảo, bảo đảm đơn giá phù hợp giá cả thị trường.

27.5. Chủ đầu tư và Nhà thầu sẽ tiến hành thương thảo để làm cơ sở ký kết văn bản sửa đổi hợp đồng trong trường hợp sửa đổi hợp đồng. 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 và email đến địa chỉ email theo mẫu quy định tại **Hợp đồng**.

27.6. Trong thời gian thực hiện hợp đồng, nhà thầu có thể đề xuất giải pháp tiết kiệm chi phí bao gồm ít nhất các nội dung sau đây:

- a) Nội dung giải pháp, giải thích sự khác biệt so với các yêu cầu theo hợp đồng đã ký kết;
- b) Phân tích toàn diện chi phí và lợi ích của giải pháp bao gồm mô tả và ước tính các chi phí (bao gồm cả chi phí vòng đời) có thể phát sinh cho Chủ đầu tư trong trường hợp chấp thuận đề xuất của Nhà thầu;
- c) Tác động của giải pháp đối với hiệu quả thực hiện hợp đồng.

27.7. Chủ đầu tư có thể chấp thuận đề xuất của Nhà thầu nếu đề xuất này chứng minh được một trong các lợi ích dưới đây mà không làm ảnh hưởng đến các chức năng cần thiết của hàng hóa:

- a) Rút ngắn thời gian giao hàng;
- b) Giảm giá hợp đồng hoặc chi phí vòng đời cho Chủ đầu tư;
- c) Nâng cao chất lượng, hiệu quả hoặc tính bền vững của hàng hóa trong hợp đồng;
- d) Bất kỳ lợi ích nào khác cho Chủ đầu tư.

Trường hợp đề xuất của Nhà thầu được Chủ đầu tư chấp thuận và làm giảm giá hợp đồng, Chủ đầu tư thanh toán cho Nhà thầu theo tỷ lệ quy định tại **Hợp đồng** đối với phần giá trị giảm giá hợp đồng.

Trường hợp đề xuất của Nhà thầu được Chủ đầu tư chấp thuận và làm tăng giá hợp đồng nhưng giảm chi phí vòng đời do tác động của các yếu tố quy định tại các điểm a, b, c và d khoản này, Chủ đầu tư thanh toán cho Nhà thầu theo phần giá trị tăng giá hợp đồng.

28. Điều chỉnh tiến độ thực hiện hợp đồng

28.1. Trong quá trình thực hiện hợp đồng, trường hợp phát sinh các điều kiện bất lợi, cản trở Nhà thầu hoặc nhà thầu phụ trong việc cung cấp hàng hóa và lịch thực hiện các dịch vụ liên quan quy định tại Mục 9 ĐKC, Nhà thầu phải kịp thời thông báo bằng văn bản cho Chủ đầu tư về việc chậm tiến độ, nguyên nhân, khoảng thời gian chậm tiến độ. Trên cơ sở thông báo của Nhà thầu, Chủ đầu tư phải nhanh chóng đánh giá tình hình và có thể xem xét gia hạn hợp đồng. Trường hợp Chủ đầu tư đồng ý gia hạn, các bên tiến hành thương thảo để làm cơ sở ký kết phụ lục sửa đổi, bổ sung hợp đồng.

28.2. Trừ trường hợp bất khả kháng quy định tại Mục 26 ĐKC, Nhà thầu giao hàng chậm hoặc hoàn thành dịch vụ liên quan chậm có nghĩa vụ bồi thường thiệt hại cho Chủ đầu tư theo quy định tại Mục 22 ĐKC.

29. Chấm dứt hợp đồng

29.1. Chấm dứt hợp đồng do sai phạm

a) Chủ đầu tư có thể chấm dứt một phần hoặc toàn bộ hợp đồng mà không gây tổn hại đến các biện pháp khắc phục vi phạm hợp đồng khác bằng cách thông báo bằng văn bản cho Nhà thầu về sai phạm trong hợp đồng trong các trường hợp sau:

(i) Nhà thầu không thể bàn giao hàng hóa hoặc một phần hàng hóa trong thời hạn quy định theo hợp đồng, hoặc trong thời gian gia hạn theo quy định tại Mục 28 ĐKC;

(ii) Nhà thầu không thực hiện bất kỳ nghĩa vụ nào khác theo hợp đồng;

(iii) Chủ đầu tư xác định Nhà thầu vi phạm một trong các hành vi bị cấm quy định tại HSMT trong quá trình đấu thầu hoặc thực hiện hợp đồng;

b) Trường hợp Chủ đầu tư chấm dứt một phần hoặc toàn bộ hợp đồng theo điểm a khoản này, Chủ đầu tư có thể mua sắm hàng hóa và dịch vụ liên quan tương tự như các hàng hóa và dịch vụ chưa được thực hiện theo các điều khoản và phương thức phù hợp. Nhà thầu phải chịu trách nhiệm bồi thường cho Chủ đầu tư các chi phí phụ trội phát sinh từ việc mua hàng hóa và dịch vụ tương tự đó. Tuy nhiên, Nhà thầu vẫn phải tiếp tục thực hiện phần hợp đồng không bị chấm dứt.

29.2. Chấm dứt hợp đồng do mất khả năng thanh toán

Trường hợp Nhà thầu phá sản hoặc mất khả năng thanh toán, Chủ đầu tư có thể chấm dứt hợp đồng vào bất kỳ thời điểm nào bằng cách gửi thông báo cho Nhà thầu. Trong trường hợp đó, hợp đồng sẽ chấm dứt và Nhà thầu không được bồi thường với điều kiện là việc chấm dứt hợp đồng không gây tổn hại hoặc ảnh hưởng đến bất kỳ quyền khởi kiện hoặc biện pháp khắc phục của Chủ đầu tư trước đó hoặc sau đó.

30. Hạn chế xuất khẩu

Trường hợp quốc gia, vùng lãnh thổ cung cấp hàng hóa, dịch vụ có các quy định thương mại dẫn tới việc hạn chế xuất khẩu, gây khó khăn cho Nhà thầu trong việc thực hiện các nghĩa vụ hợp đồng, Nhà thầu không bắt buộc phải hoàn thành nghĩa vụ giao hàng, thực hiện dịch vụ với điều kiện là Nhà thầu cung cấp cho Chủ đầu tư các tài liệu chứng minh việc đã hoàn thành tất cả các thủ tục xuất khẩu cần thiết, bao gồm cả xin giấy phép hoặc ủy quyền để xuất khẩu hàng hóa, dịch vụ theo hợp đồng. Trong trường hợp này, Chủ đầu tư có thể chấm dứt hợp đồng với Nhà thầu.

CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM

Độc lập - Tự do - Hạnh phúc

HỢP ĐỒNG SỐ:

**V/v: Cung cấp Trang thiết bị an toàn cho giàn RC-12
(Gói thầu số VT-3610/25-XL-DA-TLAT)**

Căn cứ vào nhu cầu của Liên doanh Việt – Nga Vietsovpetro và khả năng cung cấp của Công ty ,

Hôm nay, ngày _____ tháng _____ năm 2025, các bên gồm

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

Địa chỉ : 105 Lê Lợi, phường Vũng Tàu, thành phố Hồ Chí Minh
Điện thoại : 0254 3839 871/ 3839 872
Fax : 0254 3839 857
Tài khoản số :- tại Ngân hàng Ngoại thương VN, CN Vũng Tàu
Mã số thuế :
Đại diện : **Ông** **Tổng Giám Đốc** (hoặc theo Ủy quyền)

BÊN BÁN: CÔNG TY Gọi tắt là Bên B

Địa chỉ :
Điện thoại :
Fax :
Tài khoản số :
Mã số thuế :
Đại diện :

Hai Bên thỏa thuận ký kết hợp đồng với các điều khoản như sau:

Điều 1: Đối tượng hợp đồng

Bên A đồng ý mua và Bên B đồng ý bán “**Trang thiết bị an toàn cho giàn RC-12**” (sau đây gọi tắt là “Hàng hóa”) với chủng loại, số lượng, đặc điểm kỹ thuật, đơn giá, giá trị hàng hóa theo Phụ lục 1 của hợp đồng và là một phần thống nhất và không tách rời của hợp đồng này.

Hàng hóa của hợp đồng được Vietsovpetro sử dụng cho hoạt động dầu khí tại Lô 09.1.

Điều 2: Giá trị hợp đồng

2.1 Giá trị hợp đồng là:VNĐ (bằng chữ))

Giá trị hợp đồng trên không bao gồm thuế nhập khẩu, không bao gồm thuế GTGT của giá trị hàng hóa nhập khẩu ghi trên Tờ khai Hải quan nhưng đã bao gồm các loại thuế, phí, lệ phí phát sinh trong lãnh thổ Việt Nam. Thuế nhập khẩu và thuế GTGT trên được miễn theo Hiệp định liên Chính phủ cho hàng hóa Lô 09.1. Bên B được sử dụng Hạn mức nhập khẩu Lô 09.1 của Bên A để làm thủ tục nhập khẩu hàng hóa và miễn thuế theo Hiệp định.

2.2 Giá trị hợp đồng nêu trên được tính trên cơ sở giao hàng tại kho Vietsovpetro tại thành phố Vũng Tàu, bao gồm giá trị hàng hóa và các loại chi phí do Bên B chi trả như phí vận chuyển, đóng gói, bốc xếp lên phương tiện vận chuyển và các chi phí khác liên quan đến việc thực hiện hợp đồng này. Giá trị hợp đồng là giá cố định và không thay đổi trong suốt thời gian hợp đồng có hiệu lực.

Điều 3: Quy cách, số lượng, chất lượng hàng hóa

3.1 Quy cách, số lượng, chất lượng, chủng loại, ký mã hiệu, hãng sản xuất, nước sản xuất, năm sản xuất và những thông số khác của hàng hóa do Bên B cung cấp phải phù hợp với quy định nêu trong Phụ lục số 1 của Hợp đồng này. Hàng hóa mới 100%, chưa qua sử dụng và trong tình trạng sử dụng tốt.

Năm sản xuất: sản xuất **không sớm hơn năm 2023 đối với hàng ex-stock và không sớm hơn năm 2024 đối với hàng ex-mill.**

3.2 Hồ sơ kèm theo hàng hóa gồm:

- 02 Hóa đơn thuế GTGT (Bản gốc);
- Chứng chỉ xuất xứ (C/O) do phòng Thương mại hoặc Tổ chức có thẩm quyền của nước sản xuất hoặc nước xuất khẩu hàng cấp – *theo YCKT*;
- Chứng chỉ số lượng và chất lượng (C/Q) do nhà sản xuất cấp – *theo YCKT*;
- Các Chứng chỉ khác (Theo YCKT của HSMT);
- Chứng chỉ bảo hành của Bên B bảo hành hàng hóa **18 tháng** kể từ ngày giao hàng hoặc **12 tháng** sau khi hàng hóa được đưa vào sử dụng, tùy điều kiện nào đến trước (Bản gốc);
- Tờ khai hải quan hàng hóa nhập khẩu (Bản copy);
- Tài liệu kỹ thuật của hàng hóa (nếu có).

Hồ sơ mời thầu của Bên A và Hồ sơ dự thầu của Bên B cho gói thầu số.....là tài liệu tham chiếu về kỹ thuật cho hàng hóa của hợp đồng này.

Điều 4: Giao nhận và kiểm tra, giám định hàng hóa

4.1 Hàng hóa được giao phải phù hợp với yêu cầu quy định tại Điều 1 và Điều 3 của hợp đồng này trong thời hạn là **135 ngày lịch kể từ ngày phát hành thư thông báo trúng thầu (. /.../...)**. Ngày giao hàng của hợp đồng này được ghi trong Biên bản giao nhận hàng do đại diện hai bên ký như quy định tại mục 4.8 dưới đây.

Tham chiếu gói thầu của hợp đồng này, Vietsovepro đã đánh giá và lựa chọn nhà thầu cung cấp theo nhóm, thời gian giao hàng trên áp dụng cho theo nhóm. Nếu nhà thầu không giao hoặc giao chậm bất kỳ phần hàng nào sẽ bị tính phạt giao chậm theo giá theo nhóm.

Định kỳ 02 tuần/lần (trước ngày 15 và 30 hàng tháng), Bên B có trách nhiệm thông báo bằng văn bản cho Bên A cập nhật tình hình đặt hàng, tiến độ sản xuất và kế hoạch giao hàng của hợp đồng. Trong quá trình thực hiện hợp đồng, nếu Bên B gặp vướng mắc liên quan đến việc giao hàng thì Bên B cần khẩn trương thông báo cho Bên A bằng văn bản để hai bên phối hợp xem xét xử lý nhằm đảm bảo việc cung cấp hàng hóa cho Bên A theo đúng chất lượng và tiến độ của hợp đồng.

4.2 Bên B tự chịu trách nhiệm làm thủ tục hải quan cho hàng hóa nhập khẩu. Bên A cho phép Bên B được sử dụng hạn mức nhập khẩu của Bên A đã đăng ký tại Hải quan Vũng Tàu để làm thủ tục nhập khẩu và hỗ trợ Bên B về mặt giấy tờ trong việc sử dụng hạn mức nhập khẩu của Bên A cho lô hàng nhập khẩu của Hợp đồng này để Bên B xin miễn thuế nhập khẩu và thuế giá trị gia tăng của giá trị hàng hóa nhập khẩu ghi trên Tờ khai Hải quan theo quy định cho Liên doanh Việt – Nga Vietsovepro.

4.3 Để thuận tiện cho việc thông quan, làm các thủ tục miễn thuế nhập khẩu và miễn thuế giá trị gia tăng của giá trị hàng hóa nhập khẩu ghi trên Tờ khai Hải quan, hàng hóa Bên B nên nhập về cảng Vũng Tàu. Bên A không chịu trách nhiệm trả tiền thuế cho Bên B trong trường hợp nếu Bên B nhập hàng hóa về cảng khác mà không làm được thủ tục miễn thuế hoặc Bên B không sử dụng hạn mức nhập khẩu của Bên A.

4.4 Hàng hóa được giao tối đa **02 lần** vào kho của Bên A tại thành phố Vũng Tàu. Bên B cam kết giao hàng đúng số lần quy định.

4.5 Dỡ hàng từ phương tiện của bên B do Bên A đảm nhận bằng phương tiện, nhân lực và chi phí của mình.

4.6 Trong vòng 02 ngày trước khi giao hàng, Bên B phải thông báo bằng văn bản cho Bên A biết về số lượng, quy cách đóng gói hàng hóa để Bên A bố trí nhân lực và phương tiện bốc dỡ.

4.7 Người của Bên B đến giao hàng phải có giấy giới thiệu của người đại diện ký Hợp đồng của Bên B.

- 4.8 Đại diện của Liên Doanh Việt - Nga Vietsovpetro (là Xí nghiệp Dịch vụ và Đơn vị đặt hàng) và đại diện của Bên B tham gia giao nhận, kiểm tra hàng hóa của hợp đồng này và lập Biên bản giao nhận hàng (theo Phụ lục số 2 của hợp đồng này) sẽ ghi rõ số lượng, tình trạng, các hồ sơ giao kèm theo hàng hóa. Biên bản giao nhận hàng phải được Lãnh đạo Xí nghiệp Dịch vụ và Lãnh đạo Đơn vị đặt hàng phê duyệt. Biên bản giao nhận hàng là căn cứ để Bên A thanh toán cho Bên B.
- 4.9 Trong trường hợp cần thiết, bằng chi phí của mình, Bên A (giao cho Xí nghiệp Dịch vụ) có quyền trưng cầu cơ quan giám định độc lập tham gia giám định hàng hóa. Trong vòng 3 ngày làm việc kể từ khi kết thúc giám định, cơ quan giám định độc lập cung cấp Chứng thư giám định tình trạng và số lượng hàng hóa. Chứng thư giám định hàng hóa là căn cứ pháp lý để Bên A khiếu nại Bên B.
- 4.10 Bên B phải đảm bảo khi giao Hàng hóa cho Bên A phải có kèm theo đầy đủ các chứng từ như quy định tại **Điều 3** của Hợp đồng này. Trong trường hợp Bên B giao hàng tới kho của Bên A tại Vũng Tàu nhưng chưa có đầy đủ các chứng từ theo quy định thì Bên A đồng ý cho Bên B tạm gửi hàng tại kho để chờ tập hợp đầy đủ các chứng từ cho việc giao nhận Hàng hóa chính thức.
- Bên A đồng ý miễn phí lưu kho đối với lô Hàng tạm gửi này của Bên B trong 05 ngày lịch đầu tiên. Kể từ ngày thứ 6 trở đi, Bên B sẽ phải trả cho Bên A chi phí lưu kho của lô Hàng theo mức đơn giá lưu kho hiện hành của Bên A đang áp dụng cho các khách hàng của Bên A. Chi phí lưu kho này sẽ được Bên A khấu trừ thẳng vào giá trị mà Bên A thanh toán cho Bên B theo quy định của Hợp đồng này hoặc những khoản thanh toán ở những Hợp đồng khác đã ký giữa Hai bên.
- 4.11 Bên A có quyền từ chối nhận Hàng nếu Hàng hoá khi giao không đảm bảo chất lượng, như đã quy định ở Điều 1, Phụ lục số 1 cũng như không có đầy đủ bộ chứng từ đi kèm như quy định tại Điều 3 của Hợp đồng này.

Điều 5: Bao bì, Đóng gói và Ký mã hiệu:

- 5.1 Hàng hoá giao theo Hợp đồng này sẽ được đóng trong bao bì thích hợp theo tiêu chuẩn xuất khẩu, bảo đảm cho hàng hoá không bị hư hại, ăn mòn trong quá trình vận chuyển và thuận tiện cho bốc xếp, bốc dỡ.
- 5.2 Bên B hoàn toàn chịu trách nhiệm trong trường hợp hàng hoá bị mất mát, hư hỏng do thiếu sót trong việc đóng gói Hàng hoá.
- 5.3 Hàng hoá có thể được ghi rõ ràng bằng sơn không xóa được trên bề mặt hoặc in trên tấm ghi nhãn dính trên từng kiện với các thông tin sau bằng tiếng Anh hay tiếng Việt:
- Tên nhà sản xuất.
 - Tên Hàng.
 - Khối lượng (nếu có).
 - Số Hợp đồng (nếu có).
- 5.4 Bên B chịu toàn bộ phí tổn đối với mọi mất mát/ hư hại của Hàng hoá trong quá trình bốc xếp, bốc dỡ, vận chuyển do ghi ký mã hiệu không đúng, không đầy đủ cũng như chịu mọi chi phí vận chuyển, bảo quản, mất mát phát sinh thêm do Hàng hoá bị gửi nhầm địa chỉ do ghi ký mã hiệu sai.

Điều 6: Trách nhiệm do vi phạm hợp đồng

- 6.1. Nếu Bên B giao hàng bị chậm thì Bên B phải chịu phạt 0,2%/ngày cho 10 ngày lịch chậm đầu tiên; phạt 0,3%/ngày cho những ngày lịch tiếp theo tính trên phần giá trị hợp đồng bị vi phạm cho đến mức tổng số tiền phạt không quá 8% phần giá trị hợp đồng bị vi phạm.
- 6.2 Nếu Bên B không giao đủ số lượng, chủng loại hàng hóa (như quy định ở Phụ lục số 1 của Hợp đồng này) thì bên B vi phạm nghĩa vụ giao hàng theo hợp đồng này và phải chịu phạt một khoản tiền bằng 08% giá trị của nhóm hàng bị vi phạm.
- 6.3 Nếu bên B giao hàng không đảm bảo chất lượng như qui định tại Điều 2 của hợp đồng thì Bên A sẽ không nhận hàng và phạt Bên B theo mức phạt không giao đủ hàng như quy định tại mục 6.2 của hợp đồng này. Bên A có quyền chấp nhận/ không chấp nhận việc bên B sẽ cung cấp hàng mới thay thế cho hàng không đảm bảo chất lượng trên.

- 6.4 Nếu Bên B giao hàng chậm quá 02 tháng (60 ngày lịch) so với thời gian quy định tại mục 4.1 của hợp đồng này, ngoại trừ trường hợp bất khả kháng, thì Bên A có quyền đơn phương chấm dứt thực hiện hợp đồng và trong trường hợp này Bên B phải chịu phạt một khoản tiền bằng 08% giá trị của nhóm hàng bị vi phạm.
- 6.5 Vi phạm do cung cấp chậm/ cung cấp không đủ hàng hoá:
- 6.5.1. Nếu Bên B giao hàng chậm quá 60 ngày lịch so với thời gian quy định tại mục 4.1 của hợp đồng này, ngoại trừ trường hợp bất khả kháng, thì Bên A có quyền:
- a) Chỉ định bên thứ 3 có khả năng cung cấp hàng hóa. Trong trường hợp đó Bên B có trách nhiệm ký hợp đồng với bên được chỉ định để tiếp tục thực hiện công việc cung cấp cho bên A.
- Hoặc;
- b) Trực tiếp ký hợp đồng mua hàng/hàng hoá kèm dịch vụ của Bên thứ 3 để tiếp tục thực hiện công việc của hợp đồng. Trong trường hợp đó Bên B phải trả khoản tiền chênh lệch và các chi phí liên quan nếu có.
- Hoặc;
- c) Đơn phương chấm dứt thực hiện hợp đồng và trong trường hợp này Bên B phải chịu phạt một khoản tiền bằng 08% giá trị của nhóm hàng bị vi phạm.
- 6.5.2. Nếu Bên B giao hàng chậm (một phần hàng hoá) quá 60 ngày lịch so với thời gian quy định tại mục 4.1 của hợp đồng này, ngoại trừ trường hợp bất khả kháng, thì Bên A có quyền:
- a) Chỉ định bên thứ 3 có khả năng cung cấp hàng hóa. Trong trường hợp đó Bên B có trách nhiệm ký hợp đồng với bên được chỉ định để tiếp tục thực hiện công việc cung cấp cho bên A.
- Hoặc;
- b) Trực tiếp ký hợp đồng mua hàng/hàng hoá kèm dịch vụ của Bên thứ 3 để tiếp tục thực hiện công việc của hợp đồng. Trong trường hợp đó Bên B phải trả khoản tiền chênh lệch và các chi phí liên quan nếu có.
- c) Đơn phương chấm dứt thực hiện tiếp hợp đồng và trong trường hợp này Bên B phải chịu phạt một khoản tiền bằng 08% giá trị của nhóm hàng bị vi phạm.
- 6.6 Tổng các loại phạt không vượt quá 08% giá trị hợp đồng.
- 6.7 Giá trị hợp đồng bị vi phạm ghi ở Điều 5 của hợp đồng này là giá trị không có thuế GTGT và không bao gồm thuế nhập khẩu.
- 6.8 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.
- 6.9 Việc bồi thường thiệt hại (nếu có) được thực hiện theo quy định của pháp luật Việt Nam.

Điều 7: Bảo hành

- 7.1 Bên B chịu trách nhiệm bảo hành chất lượng của hàng hóa trong thời hạn 18 tháng kể từ ngày giao hàng hoặc 12 tháng sau khi hàng hóa được đưa vào sử dụng, tùy điều kiện nào đến trước kể từ ngày giao hàng. Điều kiện bảo hành theo đúng tiêu chuẩn bảo hành của nhà sản xuất.
- 7.2 Trong thời gian bảo hành nếu Bên A phát hiện có hư hỏng, sai sót về chất lượng hàng hóa thì Bên A sẽ thông báo kịp thời bằng fax/email cho Bên B biết để cùng nhau xác minh. Việc xác minh sai sót về chất lượng phải được Bên B tiến hành không chậm quá 15 ngày lịch kể từ ngày Bên B nhận được thông báo. Việc xác minh phải được lập thành biên bản, trong đó ghi rõ kết luận về nguyên nhân gây ra hư hỏng, xác định trách nhiệm thay thế cái mới/sửa chữa các hư hỏng đó thuộc về bên

nào và thời hạn thay thế/sửa chữa làm căn cứ pháp lý trong thực hiện hợp đồng này.

- 7.3 Tùy mức độ hư hỏng, nhưng không quá 15 ngày lịch kể từ ngày có kết luận về nguyên nhân hư hỏng, sai sót về chất lượng hàng hóa do lỗi của Bên B thì Bên B phải tiến hành sửa chữa các sai sót về chất lượng hoặc đổi lại hàng mới cho Bên A.
- 7.4 Trong thời hạn 07 ngày lịch kể từ ngày nhận được thông báo của Bên A, nếu Bên B không trả lời thì coi như đã chấp nhận có sai sót về chất lượng hàng do lỗi của mình và có trách nhiệm phải sửa chữa các sai sót đó hoặc đổi lại hàng mới ngay trong vòng 15 ngày kể từ ngày nhận được thông báo của Bên A.
- 7.5 Nếu Bên B tiến hành sửa chữa hoặc đổi lại hàng mới bị chậm so với thời hạn qui định ở mục 7.3 và 7.4 của hợp đồng này thì Bên B phải chịu phạt theo mức phạt giao hàng chậm như qui định ở mục 6.1 của hợp đồng này.
- 7.6 Trong thời hạn quy định trên tại điều 7 của hợp đồng này, nếu Bên B không tiến hành khắc phục (sửa chữa các sai sót về chất lượng do lỗi của mình hoặc đổi lại hàng mới) thì Bên A có quyền tiến hành khắc phục (sửa chữa và/hoặc thay mới) và Bên B phải hoàn trả lại cho Bên A toàn bộ chi phí khắc phục, đồng thời phải chịu phạt 8% giá trị của mặt hàng này. Cách thức Bên A thu hồi tiền phạt từ Bên B quy định tại điều 6.7 của hợp đồng này.
- 7.7 Hàng hóa sau khi được Bên B sửa chữa và thay thế trong thời kỳ bảo hành sẽ được Bên B bảo hành lại 12 tháng kể từ ngày bàn giao (có biên bản giao nhận hàng như quy định tại Phụ lục 02 của hợp đồng này).

Điều 8: Thanh toán

8.1 Bên A thanh toán cho Bên B 100% giá trị hóa đơn hàng đã giao bằng phương thức chuyển khoản qua ngân hàng trong vòng 30 ngày làm việc kể từ ngày nhận được bộ chứng từ thanh toán gồm:

- 02 Hóa đơn thuế GTGT (02 bản gốc), đồng tiền ghi trên Hóa đơn là Việt Nam Đồng, trong đó:
 - + Hóa đơn số 01: Cho giá trị hàng hóa được miễn thuế GTGT và thuế nhập khẩu ở khâu nhập khẩu. Trên hóa đơn chỉ ghi dòng giá bán là giá không có thuế GTGT. Dòng thuế suất và giá trị thuế GTGT không ghi và được gạch bỏ hoặc theo các quy định hiện hành của pháp luật tại ngày xuất hóa đơn; Tỷ giá quy đổi sang VNĐ lấy theo tỷ giá ghi trên tờ khai Hải quan.
 - + Hóa đơn số 02: Cho phần phát sinh chênh lệch giữa giá trị hàng hóa đã khai báo tại khâu nhập khẩu và giá trị hàng hóa ghi trong hợp đồng này. Trên hóa đơn, dòng thuế suất và giá trị thuế GTGT ghi giá trị phù hợp với quy định hiện hành.
- 01 bản gốc Biên bản giao nhận hàng (Điều 4.8 của Hợp đồng này).
- Chứng thư giám định (nếu có trưng cầu quy định tại Điều 4.9 của Hợp đồng này).
- Các chứng từ (theo quy định tại Điều 3.2 của Hợp đồng này).
- Thông báo tỷ giá của Ngân hàng (01 bản copy).
- Bảo đảm thực hiện Hợp đồng (01 bản copy).
- Tờ khai Hải quan hàng nhập khẩu (bản copy)

8.2 Bên A chỉ thanh toán cho Bên B đối với hàng hóa hoàn toàn phù hợp với yêu cầu nêu trong hợp đồng.

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

- Số tài khoản:
- Tên Ngân hàng
- Người thụ hưởng:

8.4 Phí chuyển tiền do Bên A chịu.

Điều 9: Bảo đảm thực hiện Hợp đồng

9.1 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 số 3 của hợp đồng này) được cấp bởi Ngân hàng có uy tín. Giá trị Bảo đảm thực hiện hợp đồng bằng **08%** tổng giá trị hợp đồng. Giấy bảo lãnh

này có hiệu lực bằng thời hạn giao hàng quy định tại mục 4.1 hợp đồng này cộng thêm 60 ngày lịch.

- 9.2 Mọi chi phí liên quan đến việc phát hành giấy bảo lãnh thực hiện hợp đồng do Bên B chịu.
- 9.3 Trong thời gian quy định tại mục 9.1 nêu trên, Bên B phải nộp bản gốc bảo lãnh thực hiện hợp đồng cho Bên A. Nếu sau thời gian quy định nói trên, Bên A không nhận được bảo lãnh thực hiện Hợp đồng thì Bên A có quyền đơn phương chấm dứt Hợp đồng và không hoàn trả Bảo đảm dự thầu của Bên B hoặc áp dụng quy định tại mục 6.8 của Hợp đồng này.
- 9.4 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.
- 9.5 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.
- 9.6 Bên B phải ngay lập tức yêu cầu Ngân hàng phát hành giấy bảo lãnh 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 lãnh này vì lý do chậm giao hàng hoặc gia hạn thời hạn giao hàng, đồng thời gửi ngay cho Bên A giấy Bảo lãnh đã gia hạn hiệu lực (bản gốc) chậm nhất là 07 ngày làm việc trước khi bảo lãnh cũ hết hiệu lực. Trường hợp Bên B chậm gia hạn hiệu lực bảo lãnh khi có yêu cầu của Bên A bằng văn bản thì Bên B sẽ chịu phạt 0,2% giá trị bảo lãnh tương ứng/ mỗi ngày chậm. Tổng giá trị phạt này không vượt quá 8% giá trị bảo lãnh tương ứng.

Điều 10: Bất khả kháng

- 10.1 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.
- 10.2 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 14 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.
- 10.3 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.
- 10.4 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.
- 10.5 Các khó khăn trong sản xuất như thiếu vật tư, điện, nhân công, 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.

Điều 11: Giải quyết tranh chấp

- 11.1 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.
- 11.2 Trường hợp tranh chấp không thể giải quyết bằng thương lượng thì sẽ được giải quyết bằng trọng tài tại Trung tâm Trọng tài Quốc tế Việt Nam (VIAC) tại Hà Nội theo Quy tắc tổ tụng trọng tài của Trung tâm này. Số lượng trọng tài viên là 03 người. Luật áp dụng là Luật Việt Nam.

Phán quyết của Trung tâm trọng tài là cuối cùng và buộc hai bên phải tuân thủ.

Án phí do bên thua kiện chịu.

Điều 12: Các điều khoản khác

- 12.1 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. 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 và email đến địa chỉ email...theo mẫu thể hiện tại Phụ lục số 4 (A, B) kèm theo.
- 12.2 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.
- 12.3 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.
- 12.4 Trong quá trình thực hiện hợp đồng trường hợp xảy ra tranh chấp thì các văn bản dẫn chiếu được xem xét theo thứ tự ưu tiên xử lý theo mục Mục 2.2 ĐKC.
- 12.5 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 7 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.
- 12.5 Hết thời hạn hiệu lực của hợp đồng, nếu hai bên không có khiếu nại gì coi như hợp đồng đã được thanh lý.
- 12.6 Hợp đồng gồm trang và 04 Phụ lục (Phụ lục số 01: Phạm vi cung cấp và bảng giá trị, Phụ lục số 02: Biên bản giao nhận hàng, Phụ lục số 03: Bảo lãnh Thực hiện Hợp đồng, Phụ lục số 04 (A, B): Mẫu Phương thức giao dịch) được lập thành 06 bản bằng tiếng Việt (có sử dụng tiếng Anh mô tả hàng hóa tại Phụ lục số 01), các bản có giá trị pháp lý như nhau, Bên A giữ 04 bản, Bên B giữ 02 bản.

ĐẠI DIỆN BÊN A

ĐẠI DIỆN BÊN B

PHỤ LỤC SỐ 01

HỢP ĐỒNG SỐ

Mua(Lô 09.1).

PHẠM VI CUNG CẤP VÀ BẢNG GIÁ TRỊ

PHỤ LỤC SỐ 02

Phê duyệt - Утверждаю
Thủ trưởng đơn vị đặt hàng
Директор пред-я заказчика

Phê duyệt - Утверждаю
Giám đốc XNDV Cảng & Cung ứng vật tư TB
Директор ПОСОМ

Ngày.....tháng.....năm 20....

Ngày.....tháng.....năm 20....

BIÊN BẢN GIAO NHẬN HÀNG АКТ О ПРИЁМЕ - ПЕРЕДАЧЕ ТОВАРОВ

Ngày.... tháng.... năm 20....

Căn cứ HĐ (biên bản) số:

ký ngày.... tháng năm 20...

На основании Договора номер:

Chúng tôi, những người ký tên dưới đây - Мы. Нижеподписавшиеся:

1- Đại diện bên giao - Представители поставщика:

- Ông (Bà) Chức vụ:
- Ông (Bà): Chức vụ:

2- Đại diện bên nhận - Представители получателя:

2.1 XN dịch vụ cảng & cung ứng vật tư TB - ПОСОМ

- Ông (Bà): Chức vụ:
- Ông (Bà): Chức vụ:

2.2 Đơn vị đặt hàng - Представители предприятия - заказчика:

- Ông (Bà): Chức vụ:
- Ông (Bà): Chức vụ:
- Ông (Bà): Chức vụ:
- Ông (Bà): Chức vụ:

Cùng nhau tiến hành giao nhận hàng hóa, cụ thể như sau: - Произвели приём - передачу следующих товаров на складе:...

STT П/П	Tên hàng, Ký hiệu, Quy cách Наименование. Марка товаров	ĐVT ЕД	Thực nhập Фак. Получение		Bao bì Тара	Chất lượng hàng Качество
			Số lượng Кол	Trọng lượng Вес		

- Mẫu phân tích các mặt hàng No được lấy tại - Образец товара получен на складе:

.....Ngày.....thángnăm 20....

- Người lấy mẫu: - Лаборант:..... Chức vụ - Должность

- Người lấy mẫu: - Лаборант:..... Chức vụ - Должность

Đối với những mặt hàng lấy mẫu phân tích nêu trên thì hàng chỉ chuyển chủ từ bên giao sang bên nhận. Sau khi có kết quả phân tích mẫu đạt yêu cầu như mẫu chào hàng. Trong thời gian chờ kết quả phân tích mẫu, bên nhận (XNDV hoặc đơn vị đặt hàng) nhận giữ hộ.

CHỨNG TỪ KÈM THEO - Прилагаемые документы:

- Chứng chỉ phẩm chất - Сертификат:.....

- Hóa đơn (phiếu xuất kho) - Счет:
- Bản kê chi tiết danh điểm mặt hàng (Перечень товаров) gồm __bản__ tờ
- Các chứng từ khác - Другие документы :

.....
 Biên bản này chỉ lập một bản và chỉ có giá trị để làm thủ tục thanh toán sau khi được Giám đốc XNDVCảng & Cung ứng vật tư TB và lãnh đạo đơn vị đặt hàng phê duyệt (trường hợp giao nhận thẳng cho đơn vị đặt hàng thì biên bản này phải được thủ trưởng đơn vị đặt hàng phê duyệt trước).
 Ngày giao hàng của lô hàng này là ...

ĐẠI DIỆN BÊN GIAO

Представители поставщика:
 (Họ tên và chữ ký)

KÝ TÊN - Подписи

ĐẠI DIỆN BÊN NHẬN

Представители получателя:
 (Họ tên và chữ ký)

Xác nhận chất lượng của phòng thí nghiệm hoặc đơn vị đặt hàng (nếu có) - Справка лаборатории (заказчика) по качеству

Đại diện phòng thí nghiệm (Hoặc đơn vị đặt hàng) - Представитель лаборатории (заказчика)
 Họ và tên - Фамилия.....
 Ký tên: Подпись

Ngày.....tháng.....năm 20....

Kiểm tra và xác nhận: Các mặt hàng nêu trên có số lượng, ký mã hiệu, xuất xứ hàng hóa, chứng chỉ chất lượng & được kiểm tra chất lượng v.v. phù hợp với các quy định của hợp đồng (Biên bản)
 Заключение:

Состояние товаров. Количество марки. Место происхождения. Сертификат по качеству и проверка качества вышеуказанных товаров соответствуют условиям Договора:

T.P vật tư thiết bị - Начальник курирующего отделаю

Ký tên: Подпись

Ngày.....tháng.....năm 20....

Trưởng phòng TNHH - Начальник ОКД

Ký tên: Подпись

Ngày.....tháng.....năm 20....

PHỤ LỤC SỐ 03
MẪU BẢO LÃNH THỰC HIỆN HỢP ĐỒNG

Ngày tháng năm

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

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").

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").

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.

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.

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. 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.

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. 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.

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.

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.

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.

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.

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.

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.

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) bên cạnh Phòng Thương mại và Công nghiệp Việt Nam theo quy tắc tố tụng trọng tài của VIAC].

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) at the Vietnam Chamber of Commerce and Industry in accordance with its rules of arbitration].

THƯ BẢO LÃNH này được phát hành duy nhất 01 (một) bản song ngữ (tiếng Việt và tiếng Anh) và không được phép chuyển nhượng. Trường hợp có sự khác nhau về cách hiểu giữa nội dung tiếng Việt và tiếng Anh thì nội dung tiếng Việt là căn cứ pháp lý.

This GUARANTEE is issued solely in 01 (one) bilingual original (Vietnamese and English) and is not transferrable. Should there be any inconsistency between the two languages of this GUARANTEE, the Vietnamese content shall prevail and be final.

LEGAL REPRESENTATIVE OF THE BANK

[Full name, title, signature and stamp]

PHỤ LỤC SỐ 04 (A)

MẪU THU TÍN GIAO DỊCH THỰC HIỆN HỢP ĐỒNG

Ngày tháng năm 20..

Kính gửi: **Liên doanh Việt-Nga Vietsovetro/Nhà thầu.**
(ghi địa chỉ số Fax của Bên giao dịch)

Người nhận: *Họ và Tên + Chức danh của Lãnh đạo VSP ký hợp đồng*
Sao gửi: *Lãnh đạo Phòng Thương mại VSP*

Email: *(Đồng thời gửi e-mail đến địa chỉ của Người thực hiện/ Người phụ trách - sẽ ghi chi tiết khi ký kết hợp đồng)*

(Ghi nội dung giao dịch về: Thay đổi về Hàng hoá, tiến độ, sử dụng Quota, các nội dung liên quan tới giá trị HĐ, thanh toán)

ĐẠI DIỆN BÊN
(Ký tên và đóng dấu)

PHỤ LỤC SỐ 04 (B)

MẪU THƯ TÍN GIAO DỊCH THỰC HIỆN HỢP ĐỒNG

Ngày tháng năm 20..

Kính gửi: **Liên doanh Việt-Nga Vietsovetro/Nhà thầu.**
(ghi địa chỉ số Fax của Bên giao dịch)

Người nhận: *Phòng Thương mại VSP/ XN Dịch vụ Cảng và CUVTTB/ Đơn vị thực hiện dịch vụ/xây lắp.*

Email: *(Đồng thời gửi e-mail đến địa chỉ của Người thực hiện/ Người phụ trách - sẽ ghi chi tiết khi ký kết hợp đồng)*

(Ghi nội dung giao dịch về: Thông báo giao hàng, gửi chứng từ hàng hóa,)

ĐẠI DIỆN BÊN
(Ký tên và đóng dấu)

PART 4. APPENDICES

This Chapter includes Scope of Supply, Technical requirements, Technical evaluation criteria and Other technical documents + link for reference (if any).



DANH MỤC- СПЕЦИФИКАЦИЯ

Tên hàng hóa/Dịch vụ - На приобретение товаров/услуг: Trang thiết bị an toàn cho giàn RC-12/

Оборудование безопасности для проекта RC-12

SỐ ĐHXN - № заявки: 90.XNXL-0635/25-VT

STT П/п	Mã Vật Tư Код MTP	Tên VTTB/dịch vụ (Việt/Nga hoặc Anh) Наименование MTP/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)
I. VẬT TƯ THIẾT BỊ						
GROUP 1: FIRE FIGHTING EQUIPMENT						
1	024.030.00001*	Dry Powder Portable Fire Extinguisher, 6 kg - Огнетушитель	Dry Powder Portable Fire Extinguisher, 6 kg/ Bình cứu hỏa DS-4	Pce	1,00	
2	024.030.00002*	Portable CO2 Fire Extinguisher, 5 kg - Углекислотный переносной огнетушитель	Portable CO2 Fire Extinguisher, 5 kg/ Bình chữa cháy xách tay bằng CO2 DS-5	Pce	9,00	
3	024.030.00003*	Dry Powder Portable Fire Extinguisher, 9 kg - Огнетушитель	Dry Powder Portable Fire Extinguisher, 9 kg/ Bình cứu hỏa DS-7	Pce	17,00	
4	024.030.00004*	50 Kg. Store Pressure Type – Dry Powder Extinguisher - Огнетушитель сухого порошка	50 Kg. Store Pressure Type – Dry Powder Extinguisher/ Огнетушитель сухого порошка DS-8	Pce	2,00	
5	024.030.00005*	25 Kg. CO2 Extinguisher, Wheel Type - Углекислотный огнетушитель	25 Kg. CO2 Extinguisher, Wheel Type/ Углекислотный огнетушитель DS-9	Pce	2,00	
6	024.030.00006*	45 L. Direct Pressure Premix Foam - Огнетушитель пенный	45 L. Direct Pressure Premix Foam/ Огнетушитель пенный DS-10	Pce	4,00	
7	024.030.00007*	Fire Fighting Cabinet - Tủ đựng bình chữa cháy	Fire Fighting Cabinet/ Tủ đựng bình chữa cháy DS-21 (08 Double, 02 Single)	Pce	10,00	
GROUP 2: RESCUE, SAFETY, LSA EQUIPMENT						
8	024.030.00008*	Fireman's Outfit Box and Cabinet - шкаф и кабинет địa пожарного	Fireman's Outfit Box and Cabinet DS-1	Set	2,00	



9	023.012.00003*	Helicopter Rescue Equipment and Cabinet - Спасательные оборудования и кабинет вертолета	Helicopter Rescue Equipment and Cabinet DS-2	Set	1,00	
10	023.021.00002*	Self-Contained Breathing Apparatus - Дыхательный аппарат	Self-Contained Breathing Apparatus DS-27	Set	1,00	
11	023.012.00425	First Aid Cabinet (First Aid Pack & Burn Packs) with cabinet - Dụng cụ sơ cứu/ Кабинет первой помощи (комплект первой помощи и сжигание с кабинетом)	First Aid Cabinet (First Aid Pack & Burn Packs) with cabinet DS-13	Lot	1,00	
12	023.012.00426	Electric shock rescue kit (HV/LV) with cabinet - Bộ cứu hộ khỏi bị điện giật (HV / LV) với tủ/ Спасательный комплект от поражения электрическим током (BH / HH) с кабинетом	Electric shock rescue kit (HV/LV) with cabinet DS-14	Set	1,00	
13	025.032.00018*	Safety Signs - Знаки безопасности	<p>INFORMATION SIGNS – ADDITIONAL SIGNS – EVACUATION SIGNS (SIGN BACKGROUND – GREEN)</p> <p>Exit indicator - 280x360 (mm) = 12 Pce.</p> <p>Inflatable life raft - 280x280 (mm) = 2 Pce.</p> <p>Lifebuoy with self-igniting light and line - 280x280 (mm) = 3 Pce</p> <p>Lifebuoy with self-igniting light and smoke signal - 280x280 (mm) = 3 Pce.</p> <p>Lifebuoy with self-igniting light - 280x280 (mm) = 4 Pce.</p> <p>Life jacket - 280x280 (mm) = 2 Pce.</p> <p>Quick descent device - 280x280 (mm) = 3 Pce.</p> <p>Helideck - 280x360 (mm) = 6 Pce.</p> <p>Embarkation area - 280x280 (mm) = 20 Pce.</p> <p>Movement direction (straight) - 280x280 (mm) = 16 Pce.</p> <p>Movement direction (45°) - 280x280 (mm) = 20 Pce.</p> <p>Pushed - 280x280 (mm) = 12 Pce.</p> <p>First aid kit - 280x280 (mm) = 1 Pce.</p> <p>Eyewash station - 280x280 (mm) = 4 Pce.</p> <p>Basket type sketcher - 280x280 (mm) = 1 Pce.</p> <p>Self-Contained Breathing Apparatus - 280x280 (mm) = 1 Pce.</p> <p>Helicopter Crashing Equipment - 280x360 (mm) = 1 Pce.</p> <p>WARNING AND MANDATORY SIGNS(BACKGROUND – DARK BLUE)</p>	Lot	1,00	



			Put safety helmet on! - Ø 280 (mm) = 1 Pce. Put protective ear heads on! - Ø 200 (mm) = 2 Pce. Use handrail! = 25 Pce. FIRE SAFETY SIGNS(BACKGROUND – RED) Fire extinguisher - 280x280 (mm) = 24 Pce. Fire plan - 280x280 (mm) = 2 Pce. Firemen Rescue - 280x280 = 2 Pce. WARNING SIGNS(SIGN BACKGROUND – YELLOW) Danger. Cargo drop - 360mm (Triangle) = 1 Pce. Fire hazard inflammables - 200mm (Triangle) = 3 Pce. Electric shock hazard - 200mm (Triangle) = 3 Pce. Automatic switch (start) of equipment - 200mm (Triangle) = 2 Pce. No smoking - Ø 280mm = 3 Pce. Authorized personnel only - 280x360 (mm) = 5 Pce. MARKING STRIPE Marking stripe. Yellow-green color – width 30 mm = 20 mét. DS-15			
14	023.012.00004*	Lifebuoy with self-igniting light - Спасательный круг	Lifebuoy with self-igniting light DS-16	Pce	4,00	
15	023.012.00005*	Lifebuoy with self-igniting light and smoke signal - Спасательный круг	Lifebuoy with self-igniting light and smoke signal DS-16	Pce	3,00	
16	023.012.00006*	Lifebuoy with self-igniting light and line - Спасательный круг	Lifebuoy with self-igniting light and line DS-16	Pce	3,00	
17	023.012.00007*	Cabinet of Life Jacket (12 life jackets/cabinet) - Ящик для спасательных жилетов	Cabinet of Life Jacket (12 life jackets/cabinet)/ Tủ áo phao DS-17	Pce	2,00	
18	023.012.00471	Cabinet Of Quick Descent Device - Устройство быстрого спуска	Cabinet Of Quick Descent Device (12 Quick Descent Device/cabinet) DS-18	Set	2,00	
19	023.012.00401	Cabinet Of Quick Descent Device - Устройство быстрого спуска	Cabinet Of Quick Descent Device (02 Quick Descent Device/cabinet) DS-18	Pce	1,00	
20	023.012.00008*	Basket Type Sketcher - Носилки	Basket Type Sketcher/ Cáng DS-19	Pce	1,00	
21	023.012.00473	Life rafts, capacity 12 person each - Спасательный плот	Life rafts, capacity 12 person each DS-20	Pce	2,00	



22	023.031.00001*	Helideck Netting - Сетка вертолетная	Helideck Netting/ Lưới cho sàn sân bay DS-22	Pce	1,00	
23	023.012.00403	Eye Wash Station, Portable - Trạm rửa mắt di động/ Станция промывки глаз переносная	Eye Wash Station - Portable/ Trạm rửa mắt di động DS-23	Pce	4,00	
24	023.012.00474	Swing Rope - Канат	Swing Rope/ Канат DS-25	Pce	2,00	

(*): *New items*

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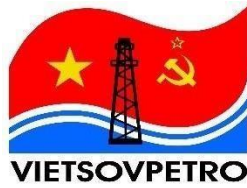
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RC12 WELLHEAD PLATFORM PROJECT

TECHNICAL REQUIREMENT SAFETY EQUIPMENT

DOC. No. : OCD-RC12-TR-23
DATE : 08/2025
REV 0

ISSUE FOR BID



	RC12 WELLHEAD PLATFORM TECHNICAL REQUIREMENT SAFETY EQUIPMENT	DOC. NO.	OCD-RC12-TR-23
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1. PURPOSE AND SCOPE OF USE

This document covers the minimum requirements for design, engineering, purchasing, manufacturing, fabrication, assembling, painting, inspection, testing, packing, transportation, delivery, documentation, certification of **Safety Equipment** for RC12 Wellhead Platform at Dragon Oil Field offshore, hereinafter referred to as “Goods”.

2. GENERAL REQUIREMENTS FOR EQUIPMENT:

- **Goods condition:** Goods and All components of Goods must be brand new and unused
- **Year of manufacture:** in year **2025 or later (ex-mill), 2024 or later (ex-stock)**
- In the offer, it is necessary to clearly state the name, code, technical characteristics, manufacturer and origin of each item of Goods
- Goods are divided into 2 groups:
 - Group 1: FIRE FIGHTING EQUIPMENT
 - Group 2: RESCUE, SAFETY, LSA EQUIPMENT
- **Warranty:** The Bidder must comply warranty time for the complete equipment for a period of **12 months from the date of commissioning or 18 months from the date of arrival at site whichever is earlier.**

3. TECHNICAL REQUIREMENT

Goods offered must be complied in accordance with **Appendix 2 – Technical Documents**, include:

- RC12-002-TS-SA6-DS-001_0_DATASHEET FOR SAFETY AND FIREFIGHTING EQUIPMENT
- VSP-NIPI-TYP-TS-SA6-DS-01_1_DATASHEET FOR SAFETY FIRE FIGHTING EQUIPMENT
- RC12-002-TS-SA6-SP-001_0_SAFETY AND FIREFIGHTING EQUIPMENT SPECIFICATION
- VSP-NIPI-TYP-TS-SA6-SP-01_1_SAFETY FIRE FIGHTING EQUIPMENT SPECIFICATION

In the event of any conflict between this Technical Requirement, Datasheet, Specification and other documents, the order of the precedence of the documents is as follows:

- This Technical Requirement



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- Datasheet
- Specification
- Other documents

4. MANUFACTURER AND ORIGIN OF GOODS

4.1. RECOMMENDED MANUFACTURER (VENDOR LIST)

N ^o	Group	Description	Manufacturer
1	Group 1	FIRE FIGHTING EQUIPMENT	- Fire Extinguisher: Eversafe, Newage, Nafco, Canepa Campi, DLV, SRI, Kidde, Fike, Thorn, Foamtech, Amprex, Vinafoam - Cabinet: Jobird, B&H Viet Nam
2	Group 2	RESCUE, SAFETY, LSA EQUIPMENT	- Equipment (except items safety signs): Viking, MSA, Scott, Darley, Firebird, FEC heliport, Safety + Health, Military Uniforms, Yotsugi, Young Jin, Spencer, Survitec, Sala, 3M, Haws, Safelife Products, Lalizas, Huayan, Rongsheng, Comet, Huahai, Billy Pugh, Risky, Canepa Campi, Speed Safety, Youlong, Vsafety, SFE, Donut, Catu, Alexander Ryan, Anchor Marine, Angus, Kegan, Dooley, Hiller, Vallen Safety, Frictape Net, Cam Ninh, Maritime Product AS, PTR Holland - Cabinet: Jobird, B&H Viet Nam

The Bidder is recommended to offer the manufacturer listed above. In case the manufacturer is not on the Vendor List, Bidder needs to provide information about the manufacturer's capacity (production capacity, experience, production process, facilities, certification system, similar contracts, documents proving production capacity...) for evaluation.

4.2. ORIGIN OF GOODS

N ^o	Group	Description	Origin
1	Group 1	FIRE FIGHTING EQUIPMENT	EU/ G7/ Russia/ Asean/ Korea/ Australia
2	Group 2	RESCUE, SAFETY, LSA EQUIPMENT	EU/ G7/ Russia/ Asean/ Korea/ Australia

5. TIME AND LOCATION OF DELIVERY

- **Delivery time:** Delivery time of GOODS, including vendor data review,



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packing/handling, shipping, transportation, delivery time shall be not later than **135 calendar days** after LOI (Letter of Intent)/LOA (Letter of Award).

- **Delivery location:** All GOODS shall be delivered at Vietsovpetro warehouse/ Vietsovpetro port.
- Contractor has to follow Vietsovpetro's HSE policy when delivery goods to Vietsovpetro site.

6. QUANTITY AND PACKAGING

- Quantity requirements: The Bidder must quote **full goods with full quantity of each group or all groups** as table below:

№	Group	Description
1	Group 1	FIRE FIGHTING EQUIPMENT
2	Group 2	RESCUE, SAFETY, LSA EQUIPMENT

Detail of each group refers to **Appendix 1 – Scope of supply for Safety equipment.**

- The Equipment and Materials shall include all items and requirement as specified in the Equipment datasheets, specifications in Appendix 2 – Technical document
- Packaging requirements: shall be as per Manufacturer's standard

7. TECHNICAL DOCUMENTATION REQUIREMENTS

BIDDER is requested to submit a complete of Technical Documentations as a part of its bid document and the minimum requirements as below:

- Scope of supply with detailed model or part number, manufacturer, Origin and quantity (No information or any information such as “or equal”, “or equivalent” is unacceptable)
- Bidder's quotation regarding certification, year of manufacture of Goods, delivery period, warranty... and other terms
- List of Bidder's similar executed contracts in the last 05 (five) years and Bidder's Copied similar executed contracts with detailed scope of supply.
- Full fill Datasheet according to the VSP's Datasheet form stamped and signed by manufacturer



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- Equipment General Arrangement drawing (dimension and weight of equipment and bill of material) (if any)
- Catalogue or technical specification that shows the detailed specification
- Product sample certificates

All documents in tender proposal shall be provided with: one (1) original and **three** (3) copies and one (1) set of electronic copies on USB.

Bidder also shall be full responsibility to submit for Vendor data register list (VDRL) to Vietsovpetro for review/approval **not later than 02 weeks after LOI/LOA**, as a basis for production of Goods and inspection upon delivery.

When delivery of Goods, all Final documents shall be provided with: one (1) original and three (3) copies and one (1) set of electronic copies on USB.

8. REQUIREMENTS FOR CERTIFICATES OF THE GOODS

The Bidder is requested to provide the following certificate, but not limit to:

- CO: Certificate of Origin issued by The competent authority of Manufacturer's/ Exporter's country (Original or E-Copy for ex-mill or Certified copy by Manufacturer/ Importer for ex-stock)
(not required for goods made in Vietnam)
- CQ: Certificate of Quality issued by Manufacturer (Original for ex-mill or Certified copy by Manufacturer/ Importer for ex-stock)
- Warranty Certificate issued by Bidder (Original)
- For Group 1 (except items cabinet)
 - Certificate of Type Approved or Certificate of Compliance/ Conformity: issued by Third Party such as competent authority of Vietnam or DNV, BV, ABS, LR, VR (Original/ E-copy or Certified copy by Manufacturer/ Importer)
 - Testing/ Inspection Certificates: issued by Third Party such as competent authority of Vietnam or DNV, BV, ABS, LR, VR (Original/ E-copy or Certified copy by Manufacturer/ Importer)
- For Group 2 (except items cabinet, safety signs)
 - Certificate of Type Approved or Certificate of Compliance/ Conformity: issued by Third Party such as DNV, BV, ABS, LR, VR (Original/ E-copy or Certified copy by Manufacturer/ Importer)



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- Testing/ Inspection Certificates: issued by Third Party such as DNV, BV, ABS, LR, VR (Original/ E-copy or Certified copy by Manufacturer/ Importer)

Note:

- *E-copy: Electronic certificates can be checked in website*
- *In addition to the above required certificates, the Contractor shall be responsible for coordinating with the Vietnam Register (VR) when VR conducts inspections before materials (equipment) are put into manufacture (installation) for the project, in accordance with the provisions of Vietnamese law. The prescribed fees for this inspection by VR shall be paid by Vietsovpetro.*

The Contractor shall be responsible for complying with the requirements of the Vietnam Register (VR) in case the documents and certificates provided are not in accordance with the provisions of the contract and current provisions of Vietnamese law, and shall bear all costs incurred (if any) to remedy the situation.

9. EXPERIENCE OF BIDDER

Preference is given to Bidder with similar contracts to supply Goods before.

- Similar contracts for Group 1 are contracts to supply FIRE FIGHTING EQUIPMENT before.
- Similar contracts for Group 2 are contracts to supply RESCUE, SAFETY, LSA EQUIPMENT before.

10. METHODS FOR EVALUATION OF TECHNICAL PROPOSALS

Technical offers will be evaluated for the entire package according to the attached Technical Evaluation Criteria/ Technical Scoring Table Doc. No. **OCD-RC12-TE-23**.

11. APPENDIX

- **Appendix 1** – Scope of supply for Safety equipment
- **Appendix 2** – Technical Documents





VIETSOVPETRO

RC12 WELLHEAD PLATFORM PROJECT

TECHNICAL EVALUATION CRITERIA SAFETY EQUIPMENT

DOC. No. : OCD-RC12-TE-23

DATE : 08/2025

REV 0

ISSUE FOR BID





**RC12 WELLHEAD PLATFORM
TECHNICAL EVALUATION
SAFETY EQUIPMENT**

DOC. NO.

OCD-RC12-TE-23

REV.

0

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**RC12 WELLHEAD PLATFORM
TECHNICAL EVALUATION
SAFETY EQUIPMENT**

DOC. NO.

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REV.

0

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For Each Group

Tender technical proposal shall be evaluated through 2 steps:

- **Step 1:** Technical proposal shall be passed step 1 if it meets all conditions as below:

No	Evaluation Objects	Evaluation	Remark
1	Scope of supply	comply with requirement in TR	
2	Year of manufacture	comply with requirement in TR	
3	Warranty	comply with requirement in TR	

- **Step 2:** Step 2 shall be evaluated in case the technical proposal Passed condition in Step 1

Detailed scores of technical evaluation:

No	Evaluation Objects	Evaluation Score Level			Remark
		1	2	3	
1	TECHNICAL REQUIREMENT	40			
	Comply with requirement		100%		
	Comply but not fully		10%-90%		Note 2
	Not comply		0%		
2	MANUFACTURER AND ORIGIN OF GOODS	20			(2.1+2.2)
2.1	RECOMMENDED MANUFACTURER (VENDOR LIST)		10		
	As listed in TR, corresponding to each Group			100%	
	The manufacturer is not on the Recommended Vendor List, but Bidder provides information about the manufacturer's capacity (production capacity, experience, production process, facilities, certification system, similar contracts, documents proving production capacity...) which is equivalent and meets the requirements			70%	
	Others			20%	
2.2	ORIGIN OF GOODS		10		Note 1, 3
	EU/ G7/ Russia			100%	
	Asean/ Korea/ Australia			80%	
	Others			40%	
3	TIME AND LOCATION OF DELIVERY	10			(3.1+3.2)
3.1	DELIVERY TIME		7		
	Comply with requirement			100%	
	No later than 20 calendar days as required			50%	
	Not comply			0%	
3.2	DELIVERY LOCATION		3		
	Comply with requirement			100%	
	Not comply			0%	

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№	Evaluation Objects	Evaluation Score Level			Remark
		1	2	3	
4	TECHNICAL DOCUMENTATION REQUIREMENTS	10			
	Comply with requirement		100%		
	Comply but not fully		10%-90%		Note 2
	Not comply		0%		
5	EXPERIENCE OF BIDDER	10			
	Have similar contract supply respective group to VSP		100%		
	Have similar contract to others company		80%		
	Don't have similar contract		40%		
6	CERTIFICATES OF GOODS	10			
	Comply with requirement		100%		
	Comply but not fully		10%-90%		Note 2
	Not comply		0%		
	Total score	100			

Note 1:

- In case the contractor offers many origins for one item, VSP will evaluate the item according to the origin with the lowest score

Note 2:

- Each "minor concern" shall be minus 10%. "Minor concern" is defined as not fully comply as required in Technical Requirement Document but acceptable (check for each statement of requirement).

Note 3:

- During the Bid evaluation stage, for goods originating from countries in armed conflict, or being sanctioned or embargoed, from which the import of the goods may affect the contract performance and delivery schedule, explanations and commitments on the ability to deliver goods must be provided for the Procuring Entity to make evaluations.
- Based on the actual situation at that time, the Procuring Entity has the right to review and decide to reject the bids, or not to continue the evaluation, if the Procuring Entity considers that there is any risks of failures in the contract performance and delivery schedule. In that case, the score of item 2.2 will be zero.

- Passed Conditions: All of the below conditions:

- + Passed in "Step 1"
- + And total score of Level 1 is equal or higher than 80
- + And no item of level 2 is equal 0

- Disqualified Conditions: One of the below conditions:

- + Disqualified in "Step 1"
- + Or total score of Level 1 is below 80
- + Or any item of level 2 is equal 0



**Project: RC12 Wellhead Platform
Package 23 - Safety Equipment**

Appendix 1 - Scope of supply for Safety equipment

No	Description	Dimension (mm)	Unit	Quantity	Specification
GROUP 1 - FIRE FIGHTING EQUIPMENT					
1	Dry Powder Portable Fire Extinguisher, 6 kg		pcs	1	DS-4
2	CO2 Portable Fire Extinguisher, 5 kg		pcs	9	DS-5
3	Dry Powder Portable Fire Extinguisher, 9 kg		pcs	17	DS-7
4	50 Kg. Store Pressure Type – Dry Powder Extinguisher		pcs	2	DS-8
5	25 Kg. CO2 Extinguisher, Wheel Type		pcs	2	DS-9
6	45 L. Direct Pressure Premix Foam		pcs	4	DS-10
7	Fire Fighting Cabinet		pcs	10	DS-21, (8 double, 2 single)
GROUP 2 - RESCUE, SAFETY, LSA EQUIPMENT					
	Rescue Equipment				
1	Fireman's Outfit Box and Cabinet		set	2	DS-1
2	Helicopter Rescue Equipment and Cabinet		set	1	DS-2
3	Self-Contained Breathing Apparatus		pcs	1	DS-27
	Safety Equipment				
4	First Aid Cabinet (First Aid Pack & Burn Packs with cabinet)		set	1	DS-13
5	Electric shock rescue kit (HV/LV) with cabinet		set	1	DS-14
6	Safety Signs		set	1	DS-15 (includes items 6.1-6.29)
	INFORMATION SIGNS – ADDITIONAL SIGNS – EVACUATION SIGNS (SIGN BACKGROUND – GREEN)				
6.1	Exit indicator	280x360	pcs	12	
6.2	Inflatable life raft	280x280	pcs	2	
6.3	Lifebuoy with self-igniting light and line	280x280	pcs	3	
6.4	Lifebuoy with self-igniting light and smoke signal	280x280	pcs	3	
6.5	Lifebuoy with self-igniting light	280x280	pcs	4	



No	Description	Dimension (mm)	Unit	Quantity	Specification
6.6	Life jacket	280x280	pcs	2	
6.7	Quick descent device	280x280	pcs	3	
6.8	Helideck	280x360	pcs	6	
6.9	Embarkation area	280x280	pcs	20	
6.10	Movement direction (straight)	280x280	pcs	16	
6.11	Movement direction (45°)	280x280	pcs	20	
6.12	Pushed	280x280	pcs	12	
6.13	First aid kit	280x280	pcs	1	
6.14	Eyewash station	280x280	pcs	4	
6.15	Basket type sketcher	280x280	pcs	1	
6.16	Self-Contained Breathing Apparatus	280x280	pcs	1	
6.17	Helicopter Crashing Equipment	280x360	pcs	1	
	WARNING AND MANDATORY SIGNS (BACKGROUND – DARK BLUE)				
6.18	Put safety helmet on!	Ø 280	pcs	1	
6.19	Put protective ear heads on!	Ø 200	pcs	2	
	FIRE SAFETY SIGNS (BACKGROUND – RED)				
6.20	Fire extinguisher	280x280	pcs	24	
6.21	Fire plan	280x280	pcs	2	
6.22	Firemen Rescue	280x280	pcs	2	
	WARNING SIGNS (SIGN BACKGROUND – YELLOW)				
6.23	Danger. Cargo drop	360*	pcs	1	* - triangle
6.24	Fire hazard inflammables	200*	pcs	3	* - triangle
6.25	Electric shock hazard	200*	pcs	3	* - triangle
6.26	Automatic switch (start) of equipment	200*	pcs	2	* - triangle
6.27	No smoking	Ø 280	pcs	3	
6.28	Authorized personnel only	280x360	pcs	5	
	MARKING STRIPE				
6.29	Marking stripe. Yellow-green color – width 30 mm		m	20	



No	Description	Dimension (mm)	Unit	Quantity	Specification
	LSA Equipment				
7	Lifebuoy with self-igniting light		pcs	4	DS-16
8	Lifebuoy with self-igniting light and smoke signal		pcs	3	DS-16
9	Lifebuoy with self-igniting light and line		pcs	3	DS-16
10	Cabinet of Life Jacket (12 life jackets/cabinet)		pcs	2	DS-17
11	Cabinet Of Quick Descent Device (12 Quick Descent Device/cabinet)		pcs	2	DS-18
12	Cabinet Of Quick Descent Device (02 Quick Descent Device/cabinet)		pcs	1	DS-18
13	Basket Type Sketcher		pcs	1	DS-19
14	Life rafts, capacity 12 person each		pcs	2	DS-20
15	Helideck Netting		pcs	1	DS-22
16	Eye Wash Station - Portable		pcs	4	DS-23
17	Swing Rope		pcs	2	DS-25

List of material based on documents:

- RC12-002-TS-SA6-RQ-001_0_PURCHASE REQUISITION FOR FIREFIGHTING, SAFETY AND LSA EQUIPMENT
- RC12-002-TS-SA6-RQ-002_0_PURCHASE REQUISITION FOR FIREFIGHTING, SAFETY AND LSA EQUIPMENT. TOPUP

The Equipment and Materials shall include all items and requirement as specified in the Equipment datasheets, specifications

Prepared:

Checked:

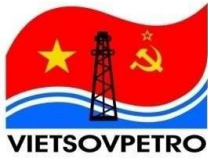
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Date: 22/08/2025 08:24:09
Certified by: Vietsovpetro CA

Signed by: Nguyễn Văn Thọ
Date: 22/08/2025 09:09:36
Certified by: Vietsovpetro CA

Signed by: Lê Trung Hiếu
Date: 25/08/2025 15:13:04
Certified by: Vietsovpetro CA

Signed by: Bùi Thị Phương Thảo
Date: 22/08/2025 14:17:26
Certified by: Vietsovpetro CA





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



PROJECT NAME : RC12 WHP PROJECT, BLOCK 09-1

SUB PROJECT : RC12 WELLHEAD PLATFORM

**DOCUMENT TITLE : PURCHASE REQUISITION FOR
FIREFIGHTING, SAFETY AND LSA
EQUIPMENT**

DOCUMENT NO. : RC12-002-TS-SA6-RQ-001

PHASE : DETAILED ENGINEERING

			Signed by: Nguyễn Thị Thu Trang Date: 22/04/2025 07:41:33 Certified by: Vietsovpetro CA Comment: Memo: DS cần...	Signed by: Trương Minh Đức Date: 22/04/2025 10:27:30 Certified by: Vietsovpetro CA	Signed by: Trần Duy Hải Date: 22/04/2025 11:44:21 Certified by: Vietsovpetro CA
			DC: N.T.T.TRANG	ENG.MGR: T.M.DUC	PRO. MGR: T.D.HAI
			Signed by: Trần Duy Tài Date: 21/04/2025 11:10:35 Certified by: Vietsovpetro CA	Signed by: Астахов Андрей Анатольевич Date: 21.04.2025 15:45:33 Certified by: Vietsovpetro CA	Signed by: Đinh Duy Thiện Date: 21/04/2025 16:26:24 Certified by: Vietsovpetro CA
REV.	DES.	DATE	PREPARED: T.D.TAI	CHECKED: ASTAKHOV A.A	DEPT.MGR: D.D.THIEEN

CONTROLLED



	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM		RC12-002-TS-SA6-RQ-001		
	PURCHASE REQUISITION FOR FIREFIGHTING, SAFETY AND LSA EQUIPMENT		Rev.	0	Page

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1 PURPOSE

This document presents the purchase requisition for firefighting, safety and LSA equipment during construction of the topside structures of RC12 platform.

2 SCOPE OF VENDOR'S SUPPLY

2.1 EQUIPMENT/MATERIAL











No	Equipment	Quantity	Remark
RESCUE EQUIPMENT			
1.	Fireman's Outfit Box and Cabinet	02 set	
2.	Helicopter Rescue Equipment and Cabinet	01 set	
FIRE FIGHTING EQUIPMENT			
3.	Dry Powder Portable Fire Extinguisher, 6 kg.	01 Nos.	
4.	CO ₂ Portable Fire Extinguisher, 5 Kgs.	09 Nos.	
5.	Dry Powder Portable Fire Extinguisher, 9 kg.	17 Nos.	
6.	50 Kg. Store Pressure Type – Dry Powder Extinguisher	02 Nos.	
7.	25 Kg. CO ₂ Extinguisher, Wheel Type	02 Nos.	
8.	45 L. Direct Pressure Premix Foam	04 Nos.	
9.	Self-Contained Breathing Apparatus	01 Nos.	
SAFETY EQUIPMENT			
10.	First Aid Cabinet (First Aid Pack & Burn Packs) with cabinet	01 Nos.	
11.	Electric shock rescue kit (HV/LV) with cabinet	01 Nos.	
12.	Safety Signs		See item 2.2
LSA EQUIPMENT			
13.	Lifebuoy with self-igniting light	04 Nos.	
14.	Lifebuoy with self-igniting light and smoke signal	03 Nos.	
15.	Lifebuoy with self-igniting light and line	03 Nos.	
16.	Cabinet of Life Jacket (12 life jackets/cabinet)	02 Nos.	
17.	Cabinet Of Quick Descent Device (12 Quick Descent Device/cabinet)	02 Nos.	
18.	Cabinet Of Quick Descent Device (02 Quick Descent Device/cabinet)	01 Nos.	
19.	Basket Type Sketcher	01 Nos.	
20.	Life rafts, capacity 12 person each	02 Nos.	








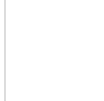





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No	Equipment	Quantity	Remark
21.	Fire Fighting Cabinet	10 Nos.	
22.	Helideck Netting	01 Nos.	
23.	Eye Wash Station – Portable	03 Nos.	
24.	Swing Rope	02 Nos.	

2.2 SAFETY SIGNS







Safety Signs		Dimension	Quantity	Unit	Remark
No.	Description				
I.	INFORMATION SIGNS – ADDITIONAL SIGNS – EVACUATION SIGNS (SIGN BACKGROUND – GREEN)				
1.	Exit indicator	280x360	12	Pcs.	
2.	Inflatable life raft	280x280	02	Pcs.	
3.	Lifebuoy with self-igniting light and line	280x280	03	Pcs.	
4.	Lifebuoy with self-igniting light and smoke signal	280x280	03	Pcs.	
5.	Lifebuoy with self-igniting light	280x280	04	Pcs.	
6.	Life jacket	280x280	02	Pcs.	
7.	Quick descent device	280x280	03	Pcs	
8.	“Helideck”	280x360	06	Pcs.	
9.	Embarkation area	280x280	20	Pcs.	
10.	Movement direction (straight)	280x280	16	Pcs.	

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Safety Signs		Dimension	Quantity	Unit	Remark
No.	Description				
11.	Movement direction (45°)	280x280	20	Pcs.	
12.	Pushed	280x280	12	Pcs.	
13.	First aid kit	280x280	01	Pcs.	
14.	Eyewash station	280x280	03	Pcs.	
15.	Basket type sketcher	280x280	01	Pcs.	
16.	Self-Contained Breathing Apparatus	280x280	01	Pcs.	
17.	Helicopter Crashing Equipment	280x360	01	Pcs.	
II.	WARNING AND MANDATORY SIGNS (BACKGROUND – DARK BLUE)				
1.	Put safety helmet on!	Ø 280	01	Pcs.	
2.	Put protective ear heads on!	Ø 200	02	Pcs.	
III.	FIRE SAFETY SIGNS (BACKGROUND – RED)				
1.	Fire extinguisher	280x280	24	Pcs.	
2.	Fire plan	280x280	02	Pcs.	




	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM PURCHASE REQUISITION FOR FIREFIGHTING, SAFETY AND LSA EQUIPMENT		RC12-002-TS-SA6-RQ-001		
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Safety Signs		Dimension	Quantity	Unit	Remark
No.	Description				
3	Firemen Rescue	280x280	02	Pcs	
IV.	WARNING SIGNS (SIGN BACKGROUND – YELLOW)				
1.	Danger. Cargo drop	360*	01	Pcs.	
2.	Fire hazard inflammables	200*	03	Pcs.	
3.	Electric shock hazard	200*	03	Pcs.	
4.	Automatic switch (start) of equipment	200*	02	Pcs.	
5.	No smoking	280*	03	Pcs.	
V.	MARKING STRIPE				
1.	Marking stripe. Yellow-green color – width 30 mm		20	m	

2.3 ITEM INCLUDED IN VENDOR'S OF SUPPLY

The Equipment and Materials shall include all items and requirement as specified in the Equipment datasheets, specifications.



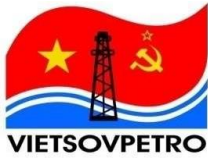
	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM PURCHASE REQUISITION FOR FIREFIGHTING, SAFETY AND LSA EQUIPMENT	RC12-002-TS-SA6-RQ-001			
		Rev.	0	Page	2 of 8

3. ATTACHED DOCUMENTS

As a minimum, the supplied equipment shall comply with following attached documents:

No	Document Number	Document Title
1	RC12-002-TS-SA6-SP-001	Safety and Fire Fighting Equipment Specification
2	RC12-002-TS-SA6-DS-001	Datasheet for Safety and Fire Fighting Equipment
3	RC12-002-TS-SA6-LD-001	Safety equipment and firefighting equipment layout
4	RC12-002-TS-SA6-LD-002	Escape route and safety sign layout





RESEARCH AND ENGINEERING INSTITUTE
FOR OFFSHORE OIL AND GAS



PROJECT NAME : RC12 WHP PROJECT, BLOCK 09-1

SUB PROJECT : RC12 WELLHEAD PLATFORM

DOCUMENT TITLE : PURCHASE REQUISITION FOR
FIREFIGHTING, SAFETY AND LSA
EQUIPMENT_TOP UP

DOCUMENT NO. : RC12-002-TS-SA6-RQ-002

PHASE : DETAILED ENGINEERING

			Signed by: Nguyễn Thị Thu Trang Date: 05/08/2025 16:44:19 Certified by: Vietsovpetro CA	Signed by: Bùi Hồng Dương Date: 06/08/2025 11:21:22 Certified by: Vietsovpetro CA	Signed by: Trần Duy Hải Date: 06/08/2025 11:51:59 Certified by: Vietsovpetro CA
			DC: N.T.T.TRANG	ENG.MGR: B.H.DUONG	PRO. MGR: T.D.HAI
			Signed by: Trần Duy Tài Date: 05/08/2025 16:29:13 Certified by: Vietsovpetro CA	Signed by: Bùi Thị Phương Thảo Date: 05/08/2025 16:30:22 Certified by: Vietsovpetro CA	Signed by: Đinh Duy Thiện Date: 05/08/2025 16:35:58 Certified by: Vietsovpetro CA
0	IFA	05.08.25			
REV.	DES.	DATE	PREPARED: T.D.TAI	CHECKED: B.T.P.THAO	DEPT.MGR: D.D.THIEEN

CONTROLLED




	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM		RC12-002-TS-SA6-RQ-002		
	PURCHASE REQUISITION FOR FIREFIGHTING, SAFETY AND LSA EQUIPMENT_TOP UP		Rev.	0	Page

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	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM		RC12-002-TS-SA6-RQ-002		
	PURCHASE REQUISITION FOR FIREFIGHTING, SAFETY AND LSA EQUIPMENT_TOP UP		Rev.	0	Page

1 PURPOSE



This document presents the purchase requisition for additional firefighting, safety and LSA equipment during construction of the topside structures of RC12 platform.

2 SCOPE OF VENDOR'S SUPPLY

2.1 EQUIPMENT/MATERIAL

No	Equipment	Quantity	Remark
LSA EQUIPMENT			
1.	Eye Wash Station – Portable	01 Nos.	

2.2 SAFETY SIGNS

Safety Signs		Dimension	Quantity	Unit	Remark
No.	Description				
I.	INFORMATION SIGNS – ADDITIONAL SIGNS – EVACUATION SIGNS (SIGN BACKGROUND – GREEN)				
1.	Eyewash station	280x280	01	Pcs.	
IV.	WARNING SIGNS (SIGN BACKGROUND – YELLOW)				
1.	Authorized personnel only	280x360	05	Pcs.	

2.3 ITEM INCLUDED IN VENDOR'S OF SUPPLY

The Equipment and Materials shall include all items and requirement as specified in the Equipment datasheets, specifications.



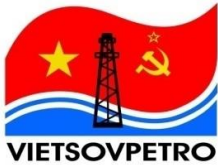
	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM		RC12-002-TS-SA6-RQ-002		
	PURCHASE REQUISITION FOR FIREFIGHTING, SAFETY AND LSA EQUIPMENT_TOP UP		Rev.	0	Page

3. ATTACHED DOCUMENTS

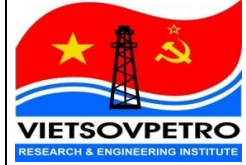
As a minimum, the supplied equipment shall comply with following attached documents:

No	Document Number	Document Title
1	RC12-002-TS-SA6-SP-001	Safety and Fire Fighting Equipment Specification
2	RC12-002-TS-SA6-DS-001	Datasheet for Safety and Fire Fighting Equipment
3	RC12-002-TS-SA6-LD-001	Safety equipment and firefighting equipment layout
4	RC12-002-TS-SA6-LD-002	Escape route and safety sign layout





**RESEARCH AND ENGINEERING INSTITUTE
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PROJECT NAME : RC12 WHP PROJECT, BLOCK 09-1

SUB PROJECT : RC12 WELLHEAD PLATFORM

DOCUMENT TITLE : DATASHEET FOR SAFETY AND FIRE FIGHTING EQUIPMENT

DOCUMENT NO. : RC12-002-TS-SA6-DS-001

PHASE : DE

Applied Document			VSP-NIPI-TYP-TS-SA6-DS-01		Rev.	1
			Signed by: Nguyễn Thị Thu Trang Date: 22/04/2025 07:41:30 Certified by: Vietsovpetro CA Comment: Memo: DS cần...	Signed by: Trương Minh Đức Date: 22/04/2025 10:27:27 Certified by: Vietsovpetro CA	Signed by: Trần Duy Hải Date: 22/04/2025 11:44:18 Certified by: Vietsovpetro CA	
			DC: N.T.T.TRANG	ENG.MGR: T.M.DUC	PRO.MGR: T.D.HAI	
			Signed by: Trần Duy Tài Date: 21/04/2025 11:10:33 Certified by: Vietsovpetro CA	Signed by: Астахов Андрей Анатольевич Date: 21.04.2025 15:45:31 Certified by: Vietsovpetro CA	Signed by: Đinh Duy Thiện Date: 21/04/2025 16:26:23 Certified by: Vietsovpetro CA	
0	IFA	21.04.25				
REV.	DES.	DATE	PREPARED: T.D.TAI	CHECKED: ASTAKHOV A.A	DEPT.MGR: D.D.THIEU	

CONTROLLED




	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM		RC12-002-TS-SA6-DS-001	
	DATASHEET FOR SAFETY AND FIRE FIGHTING EQUIPMENT		Rev. 0	Page 3 of 17

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	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM		RC12-002-TS-SA6-DS-001		
	DATASHEET FOR SAFETY AND FIRE FIGHTING EQUIPMENT		Rev.	0	Page

1. INTRODUCTION

The RC12 Wellhead Platform belongs to Vietsovpetro JV. It will be located on the R-79 well template in Block 09-1 of the Dragon oil field, approximately 125 km South-East of Vung Tau City, offshore of the Socialist Republic of Vietnam. This location is approximately about 6.3 km from RP1 and 1.1 km southeast of UBN3. Water depth of this location is about 47 ± 0.5 m relative to MSL.

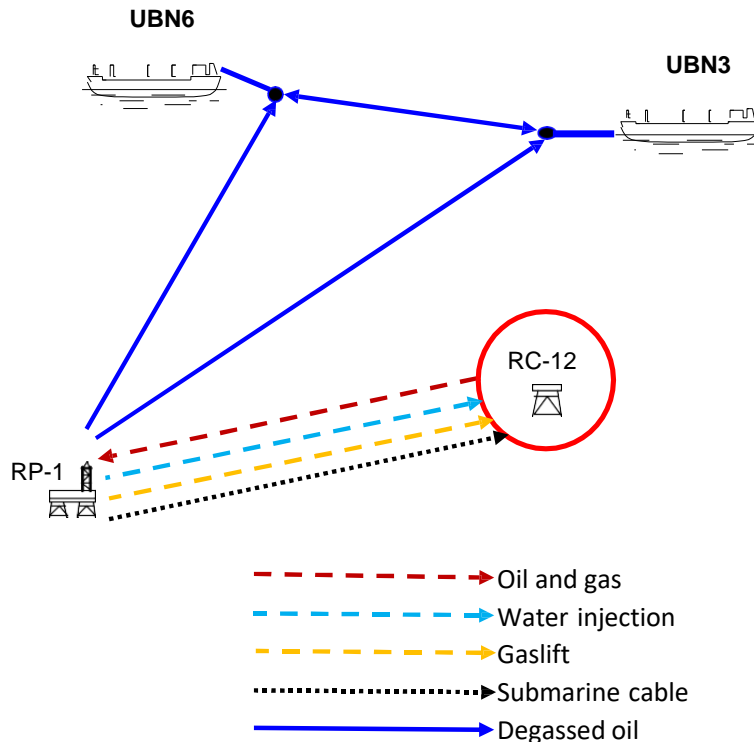


Figure 1: Location of RC12

RC12 is an unmanned platform which will be remotely controlled from the host platform RP-1 via subsea power & fiber optic cable. Design life time of RC12 is 25 years.

RC12 consists of Jacket with Boat Landing and Topside with Helideck. Production fluid (oil, gas and water mixture) of RC12 will be transported to RP1 via subsea pipeline for further processing. Gaslift and injection water for RC12 will be provided from RP1 via subsea pipelines.

RC12 platform will be designed with 09 well slots, including 05 production wells and 04 slots for future development. After several years of production, 01 production well will be converted to water injection well.

RC12 platform topside facilities are able to accommodate the adjusting well flowrate and well testing, measuring total production flowrate of the platform, gaslift as well as other utility systems. Provision for 04 ESP wells is considered in RC12 design.

Design capacity for RC12 is 1500 m³/d of liquid; 300 000 Sm³/d of gas (associated gas and gaslift), and 500 m³/d of injection water.-

Modification on RP1 for receiving product from RC12 is required.

2. ADDENDUM

This document uses the Typical Engineering Documentation for this Project. However, some design intends or requirements may require to be revised to fit with Project's purpose. 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



	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM		RC12-002-TS-SA6-DS-001		
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identified in this Addendum to the applied typical document, identifying the document and section affected and the required change.

VENDOR 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
DS-1	Fireman’s outfit box and cabinet	REPLACE WITH: following text bellow (2.1)
DS-4	Dry powder extinguisher, 4 kgs	REPLACE WITH the following text bellow (2.2)
DS-7	Dry powder extinguisher, 12 kgs	REPLACE WITH the following text bellow (2.3)
DS-17	Life Jackets with cabinet (10 life jackets/cabinet)	REPLACE WITH the following text bellow (2.4)
DS-18	Quick Descent Device with cabinet	REPLACE WITH the following text bellow (2.5)
DS-19	Basket type sketcher	REPLACE WITH: following text bellow (2.6)
DS-20	Life rafts, capacity 10 person each	REPLACE WITH: following text bellow (2.7)
DS-21	Portable Extinguishing Cabinet	REPLACE WITH: following text bellow (2.8)
DS-22	Helideck netting	REPLACE WITH: following text bellow (2.9)
DS-25	Swing rope	REPLACE WITH: following text bellow (2.10)
-	-	ADD Datasheet for Fire water system nozzles. See DS-26.
-	-	ADD Datasheet for SELF-CONTAINED BREATHING APPARATUS See DS-27.




	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM DATASHEET FOR SAFETY AND FIRE FIGHTING EQUIPMENT	RC12-002-TS-SA6-DS-001		
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2.1. Replace for DS-1:

Tag No. : * / *		Client : VietsovPetro JV, VSP	
Service : Rescue and Fire Fighting		Plant Location : Vietnam	
P & ID No. :		Manufacturer : -	
Calculation Ref. : -		Purchase Order : -	
No. of Units :		Datasheet No. : DS-1 - DATASHEET FOR FIREMAN'S OUTFIT BOX AND CABINET	
Service Description : Rescue and Fire Fighting			
1 GENERAL			
2	TAG NUMBER	:	*
3	NO. OF UNITS	:	
4	SERVICE	:	Rescue and Fire Fighting
5	DESIGN CODE	:	FFS code
6	SPECIFICATION	:	VSP-NIPI-TYP-TS-SA6-SP-01
7			
8			
9 SITE CONDITION			
10	LOCATION	:	Offshore
11	EQUIPMENT LOCATION	:	Outside
12	AMBIENT AIR TEMPERATURE (MIN / MAX)	°C :	21 / 39
13	RELATIVE HUMIDITY (MIN / MAX)	% :	44 / 100
14	ATMOSPHERE	:	Humid, Saliferous and Corrosive Marine environment
15			
16			
17 DESIGN DATA			
18 Following equipment shall be provided as a minimum:			
19	Description:		Quantity:
20	1. Protective clothing of material to protect the skin from the heat radiating from the fire and from burns and scalding by steam. The outer surface shall be water-resistant.		1 (Ea.)
21			
22	2. Boots and gloves of rubber or other electrically non-conducting material.		1 (Ea.)
23	3. A rigid helmet providing effective protection against impact.		1 (Ea.)
24	4. An electric safety lamp (hand lantern) of an approved type with a minimum burning period of three hours.		1 (Ea.)
25	5. An axe to the satisfaction of the Administration.		1 (Ea.)
26	6. A breathing apparatus of an approved type which may be either:		1 (Ea.)
27	a. A smoke helmet or smoke mask which shall be provided with a suitable air pump and a length of air hose sufficient		
28	to reach from the open deck, well clear of hatch or doorway, to any part of the holds or machinery spaces. If, in		
29	order to comply with this sub-paragraph, an air hose exceeding 36 metres (120 feet) in length would be necessary,		
30	a self-contained breathing apparatus shall be substituted or provided in addition as determined by the Administration		
31	b. Or a self-contained breathing apparatus which shall be capable of functioning for 30 minutes.		
32	7. For each breathing apparatus a fireproof lifeline of sufficient length and strength (at least 30m length) shall be		1 (Ea.)
33	provided capable of being attached by means of a snaphook to the harness of the apparatus or to a separate		
34	belt in order to prevent the breathing apparatus becoming detached when the lifeline is operated.		
35	8. One spare full charging cylinder shall be provided for each self-contained breathing apparatus.		1 (Ea.)
36			
37			
38 CABINET			
39 The fireman's equipment cabinet:-			
40	a. Shall be supplied as a fully assembled factory tested unit;		
41	b. Shall be fully enclosed and protected to IP 56 as per IEC 60529;		
42	c. Shall be constructed from UV resistant, fire retardant material, viz. FRP/GRP/Stainless Steel and shall have drain holes;		
43	d. Shall be painted red;		
44	f. Fitting shall be of stainless steel;		
45	g. Shall be suitable for installation outdoors in a marine environment;		
46	h. Lifting arrangement shall be provided;		
47	i. Shall be suitable for fixing with wall/ floor;		
48	j. Cabinet doors shall be two leaf type with vision panel;		
49	k. Door shall be arranged for full and easy access to all items for emergency operation and routine maintenance;		
50	l. Doors shall be of "roller shutter" type. It shall be possible to remove all items or equipment individually without the need to remove any other item;		
51	m. Cabinet shall be painted with the words "FIREMAN'S EQUIPMENT" and Vietsovpetro's logo;		
52	n. The list of all items/ equipment shall be printed on the inside of door leaf.		
53			
54 REFERENCE DOCUMENTS			
55	a) VSP-NIPI-TYP-TS-SA6-SP-01		
56			
57 NOTES			
58	1. ITEM MARKED WITH " * ", SHALL BE COMPLETED/CONFIRMED BY VENDOR.		
59			



	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM DATASHEET FOR SAFETY AND FIRE FIGHTING EQUIPMENT	RC12-002-TS-SA6-DS-001		
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2.2. REPLACE for DS-4:

Tag No. : * / *		Client : VietsovPetro JV, VSP	
Service : Fire fighting		Plant Location : Vietnam	
P & ID No. :		Manufacturer : -	
Calculation Ref. : -		Purchase Order : -	
No. of Units :	Datasheet No. :	DS-4 - DATASHEET FOR DRY POWDER EXTINGUISHER, 6 KGS.	
Service Description : Fire fighting			
1 GENERAL			
2	TAG NUMBER	:	*
3	NO. OF UNITS	:	
4	SERVICE	:	Fire fighting
5	DESIGN CODE	:	TCVN / international standard of fire prevention and fighting.
6	SPECIFICATION	:	VSP-NIPI-TYP-TS-SA6-SP-01
7			
8			
9 SITE CONDITION			
10	LOCATION	:	Offshore
11	EQUIPMENT LOCATION	:	Inside room
12	AMBIENT AIR TEMPERATURE (MIN / MAX)	°C	: 21 / 39
13	RELATIVE HUMIDITY (MIN / MAX)	%	: 44 / 100
14	ATMOSPHERE	:	Humid, Saliferous and Corrosive Marine environment
15			
16 DESIGN DATA			
17	EXTINGUISHER TYPE	:	Dry Chemical Powder, Inner CO ₂ cartridge type
18	CAPACITY	Kgs	: 6
19	POWDER TYPE	:	ABC Chemical Powder, not water absorption; certificated for powder
20	FIRE CLASS	:	A, B, C type
21	FIRERATING	minimum	: 18B - 45B
22	WORKING PRESSURE @ 20°C, Minimum	bar	: 15
23	TEST PRESSURE, Minimum	bar	: 30
24	DISCHARGE TIME, Minimum	Sec	: 30
25	RANGE OF THROW, Minimum	meters	: 5 to 6
26	OPERATING TEMPERATURE	°C	: -20 to +60°C
27	PRESSURE GAUGE	:	Equipped on cylinder
28	SAFETY RELIEF VALVE	:	No
29	MATERIAL	:	Marine equipment directive approved fire Extinguisher, approved international standard.
30	Handle of valve	:	Rust-proof metal
31	Head valve	:	Made of brass.
32	Start-up valve	:	Corrosion resistance (resistance to moisture)
33			
34			
35	MARKINGS	:	Standards printed and shown in catalog
36		:	Year of production, serial number, weight of cylinder, weight of extinguisher capacity, operating
37		:	temperature stamped on cylinder
38			
39			
40	BRACKET	:	Shall be provided for inside Diesel Generator Room
41	NAME PLATE	:	Nameplate of cylinder and printed by non-volatile paint on hose.
42	MAINTENANCE RECORD PLATE	:	Record plate to be provided for indicating the next inspection by month & year
43		:	Extinguisher shall have a bottom skirt, to raise the body not less than 6mm above the floor
44	CARRYING HANDLE	:	Carrying and operating handles shall be pistol-grip type and made of steel, corrosion resistant
45		:	strong to withstand at least 2 times the total weight of the extinguisher
46			
47			
48			
49			
50 REFERENCE DOCUMENTS			
51	a) VSP-NIPI-TYP-TS-SA6-SP-01		
52			
53			
54 NOTES			
55	1. ITEM MARKED WITH " * ", SHALL BE COMPLETED/CONFIRMED BY VENDOR.		
56			



	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM DATASHEET FOR SAFETY AND FIRE FIGHTING EQUIPMENT	RC12-002-TS-SA6-DS-001		
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2.4. Replace for DS-17:

Tag No. :	*/*	Client :	VietsovPetro JV, VSP
Service :	Survival	Plant Location :	Vietnam
P & ID No. :		Manufacturer :	-
Calculation Ref. :	-	Purchase Order :	-
No. of Units :		Datasheet No. :	DS-17 - DATASHEET FOR LIFE JACKET
Service Description :	Safety		
1 GENERAL			
2 TAG NUMBER :	*		
3 NO. OF UNITS :			
4 SERVICE :	Safety		
5 DESIGN CODE :	SOLAS, LSA Code		
6 SPECIFICATION :	VSP-NIPI-TYP-TS-SA6-SP-01		
7 TYPE TEST CERTIFICATE :	SOLAS, LSA Code		
8			
9			
10 SITE CONDITION			
11 LOCATION :	Offshore		
12 EQUIPMENT LOCATION :	Topside		
13 AMBIENT AIR TEMPERATURE (MIN / MAX) °C :	21 / 39		
14 RELATIVE HUMIDITY (MIN / MAX) % :	62 / 98		
15 DEGREE OF PROTECTION :	IP 68 for Self activating light		
16 ATMOSPHERE :	Humid, Saliferous and Corrosive Marine environment		
17			
18 DESIGN DATA			
19 TYPE :	LIFE JACKET		
20 DESIGN CODE/APPROVAL :	SOLAS, IMO, LSA Code		
21 DETAILS :	Adult size		
22 :	Inherently buoyant with foam type.		
23			
24 MATERIAL :	Fire resistant, heavy duty marine grade fabric, synthetic webbing and extra heavy SS type fitting.		
25 DIMENSIONS mm :	*		
26 BUOYANCEY :	Minimum buoyancy for adult man (16 kg in fresh water for 24 hours);		
27 ACCESSORIES :	Non Clog Whistle and lanyard		
28 :	Lifting straps, Oral inflation system, Crotch strap		
29 :	Reflective strips		
30 :	Seawater illuminating light. The light shall ignite on immersion in water		
31 :	Spray hood and grab loop.		
32 COLOR :	Highly visible (yellow or international orange color).		
33			
34 MARKING :	"LIFE JACKET" and Vietsovpetro's logo in Black lettering on the Container.		
35 :	Type and size and printing on the lifebuoy shall fulfill the requirement of SOLAS Consolidated Edition 2001.		
36 CONTAINER DETAILS :	Capacity - Suitable for containing 12 nos. life jackets per container		
37 :	Container shall be FRP/ GRP with thickness min. 5mm or Stainless Steel with thickness min.3 mm.		
38 :	All enclosed hardware such as hinges, latches, handles and bolting shall be of 316 SS		
39 :	Adequate bottom and back frames shall be provided to permit deck or bulkhead mounting		
40 :	Donning instructions for lifejackets shall be permanently attached to The inside of door of life jacket cabinet		
41 :	by cabinets, that enables them at a height to be easily read by a person standing in front of the cabinet.		
42 :	Instructions shall be in English and Vietnamese language		
43 :	Ventilation and drainage facilities to be provided for container with care to avoid ingress of sea/rain water.		
44 TESTING :	Shall be tested as per all the tests specified in "IMO MSC 81(70) REVISED RECOMMENDATION		
45 :	ON TESTING OF LIFE-SAVING APPLIANCES. THE MARITIME SAFETY COMMITTEE".		
46			
47			
48			
49			
50			
51			
52 REFERENCE DOCUMENTS			
53 a)	VSP-NIPI-TYP-TS-SA6-SP-01		
54			
55			
56			
57 NOTES			
58	1. ITEM MARKED WITH "**", SHALL BE COMPLETED/CONFIRMED BY VENDOR.		
59			



	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM DATASHEET FOR SAFETY AND FIRE FIGHTING EQUIPMENT	RC12-002-TS-SA6-DS-001		
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2.5. Replace for DS-18:

Tag No. : */*		Client : VietsovPetro JV, VSP	
Service : Survival		Plant Location : Vietnam	
P & ID No. :		Manufacturer : -	
Calculation Ref. : -		Purchase Order : -	
No. of Units :	Datasheet No. :	DS-18 - DATASHEET FOR QUICK DESCENT DEVICE	
Service Description : Safety			
1 GENERAL			
2 TAG NUMBER	: *		
3 NO. OF UNITS	:		
4 SERVICE	: Safety		
5 DESIGN CODE	: SOLAS, LSA Code		
6 SPECIFICATION	: VSP-NIPI-TYP-TS-SA6-SP-01		
7 TYPE TEST CERTIFICATE	: IMO / OSHA/ ANSI/ EN or equivalent		
8			
9			
10 SITE CONDITION			
11 LOCATION	: Offshore	DIMENSIONS	: VTA
12 EQUIPMENT LOCATION	: Inside and outside room	WEIGHT	: VTA
13 AMBIENT AIR TEMPERATURE (MIN / MAX)	°C : 21 / 39	SIZE	: VTA
14 RELATIVE HUMIDITY (MIN / MAX)	% : 62 / 98		
15 DEGREE OF PROTECTION	:		
16 ATMOSPHERE	: Salt Laden and Marine environment		
17	:		
18 DESIGN DATA			
19			
20 Standard:	- International Standard OSHA/ ANSI/ EN or equivalent		
21			
22			
23 Design Details:	- ** Descending device provided with harness, containment bag, descender unit, high strength tape, wire strop,		
24	and a quick release mechanism.		
25	- Sufficient length of at least 30m.		
26	- Automatically adjust to the user's body weight and lowers the evacuee at a controlled rate of 6ft/s		
27	- Wire rope constructed from stainless steel.		
28			
29			
30 Container Details:	- The cabinets shall be fully enclosed and weather proof protected. The cabinets shall be constructed from UV resistant		
31	material		
32	- Fibreglass containers, accessible by full length, hinged doors		
33	- All enclosed hardware such as hinges, latches, handles and bolting shall be of 316 SS		
34	- Adequate bottom and back frames shall be provided to permit deck or bulkhead mounting		
35	- Instructions to use descending device shall be permanently attached to the inside of door of descending device		
36	container that enables them at a height to be easily read by a person standing in front of the cabinet.		
37	- Necessary instructions shall be provided in English and Vietnamese language		
38	- Ventilation and drainage facilities to be provided for container with care to avoid ingress of sea/rain water.		
39	- <u>Every 12 pcs. of Quick Descending Device to be stored in 01 cabinet near Life rafts and 02 pcs. to be stored</u>		
40	<u>in crane cabin.</u>		
41	- The cabinets shall be stenciled with "QUICK DESCENDING DEVICE" and Vietsovpetro's logo;		
42			
43			
44			
45			
46			
47			
48			
49			
50			
51			
52			
53			
54			
55 REFERENCE DOCUMENTS			
56 a)	VSP-NIPI-TYP-TS-SA6-SP-01		
57 NOTES			
58	1. ITEM MARKED WITH "**", SHALL BE COMPLETED/CONFIRMED BY VENDOR.		
59			




	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM DATASHEET FOR SAFETY AND FIRE FIGHTING EQUIPMENT	RC12-002-TS-SA6-DS-001		
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2.6. Replace for DS-19:

Tag No. : * / *		Client : VietsovPetro JV, VSP	
Service : Survival		Plant Location : Vietnam	
P & ID No. :		Manufacturer : -	
Calculation Ref. : -		Purchase Order : -	
No. of Units :		Datasheet No. : DS-19 - DATASHEET FOR BASKET TYPE SKETCHER	
Service Description : Safety			
1 GENERAL			
2	TAG NUMBER	:	*
3	NO. OF UNITS	:	
4	SERVICE	:	Safety
5	SPECIFICATION	:	VSP-NIPI-TYP-TS-SA6-SP-01
6	DESIGN CODE	:	SOLAS, LSA Code
7	TYPE TEST CERTIFICATE	:	SOLAS, LSA Code
8			
9			
10 SITE CONDITION			
11	LOCATION	:	Offshore
12	EQUIPMENT LOCATION	:	Inside room
13	AMBIENT AIR TEMPERATURE (MIN / MAX)	°C	: 21 / 39
14	RELATIVE HUMIDITY (MIN / MAX)	%	: 62 / 98
15	ATMOSPHERE	:	Humid, Saliferous and Corrosive Marine environment
16			
17			
18 DESIGN DATA			
19	TYPE	:	Basket Stretcher
20	DIMENSIONS	mm	: 2160 x 610 x 250 mm
21	LOAD CAPACITY	Kgs	: 272
22	LIFTING SLING LOAD CAPACITY	Kgs	: 230 per sling
23	CONSTRUCTION	:	a. Construction, Materials in accordance with the recognised international standards
24		:	b. Constructed from a polyethylene shell and a tubular aluminium frame
25		:	c. Shall be designed for use with a four point lifting sling
26		:	d. Shall be designed for lifts in a horizontal and vertical position
27		:	e. Shall be provided with restraint straps
28		:	f. Shall be provided with compatible backboard
29		:	g. Appropriate pick-up bridle or four-point lifting sling
30		:	h. Shall include adjustable foot rest for vertical lifting
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55 REFERENCE DOCUMENTS			
56	a)	VSP-NIPI-TYP-TS-SA6-SP-01	
57 NOTES			
58	1. ITEM MARKED WITH "*", SHALL BE COMPLETED/CONFIRMED BY VENDOR.		
59			




	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM DATASHEET FOR SAFETY AND FIRE FIGHTING EQUIPMENT	RC12-002-TS-SA6-DS-001		
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2.7. Replace for DS-19:

Tag No. : */*		Client : VietsovPetro JV, VSP	
Service : Survival		Plant Location : Vietnam	
P & ID No. :		Manufacturer : -	
Calculation Ref. : -		Purchase Order : -	
No. of Units :	Datasheet No. :	DS-20 - DATASHEET FOR LIFERAFTS	
Service Description : Safety			
1 GENERAL			
2 TAG NUMBER	:	*	
3 NO. OF UNITS	:		
4 SERVICE	:	Safety	
5 DESIGN CODE	:	SOLAS, LSA Code	
6 SPECIFICATION	:	VSP-NIPI-TYP-TS-SA6-SP-01	
7 TYPE TEST CERTIFICATE	:	SOLAS, LSA Code	
8			
9			
10 SITE CONDITION			
11 LOCATION	:	Offshore	DIMENSIONS : VTA
12 EQUIPMENT LOCATION	:	Topside	WEIGHT : VTA
13 AMBIENT AIR TEMPERATURE (MIN / MAX)	°C :	21 / 39	SIZE : VTA
14 RELATIVE HUMIDITY (MIN / MAX)	% :	62 / 98	
15 ATMOSPHERE	:	Humid, Saliferous and Corrosive Marine environment	
16 DESIGN DATA			
17 TYPE	:	Self Righting type Liferaft	
18 CAPACITY	:	12 persons each	
19 DETAILS			
20	:	Self inflating and kick-over type complete with a split fibre glass UV protected capsule, storage cradle, tilt table	
21	:	painter line for inflating. Shall be fitted with an efficient painter of length equal to a minimum of 30 meters;	
22	:	Liferafts shall be of the encapsulated in rigid container and shall automatically inflate when launched.	
23	:	Buoyancy chambers (comprising superimposed and independent airtight material compartments) shall be	
24	:	manufactured from a that is highly abrasive resistant and impervious to corrosion in a humid marine environment.	
25	:	The liferafts shall have rightening strap across the underside of the floor to assist a single survivor in rightening the	
26	:	life raft should it be inverted.	
27	:	The liferaft shall be easily climbed into by survivor fully clothed and wearing a lifejacket.	
28	:	Container should be pushed overboard through a gap in the rail, off a specially designed outboard mounted support ramp.	
29	:	Canopy and Container of each liferaft shall be marked in contrasting color	
30	:	The liferafts shall have fitted with sufficient strength towing arrangements.	
31 LAUNCH HEIGHT	:	The liferaft shall be certified for minimum 30 meters launch height	
32 CRADLE	:	Support cradles for life rafts shall be made of galvanized steel.	
33	:	The support cradles shall be suitable for welding or bolting to the deck.	
34	:	Support cradles shall be supplied so as to enable single person deployment	
35 CONTENTS OF SOLAS PACK A	:	As per LSA Code, SOLAS but not limit as below :	
36	:	1 waterproof flashlight (with spare batteries and bulb)	
37	:	18 liters water (1.5 liter per person) / 2 drinking cup	
38	:	1 bailer (plastic) / 1 life preserver or rescue quilt	
39	:	1 painter (108' - 3/8")	
40	:	1 first aid kit in water proof case	
41	:	2 distress signals (floating orange smoke) / 6 distress signals (red parachute flare)	
42	:	1 whistle signal / 1 mirror signal / 1 set fishing tackle	
43	:	1 safety knife / 1 toolkit (repair)	
44	:	1 bellow s (emergency inflation of life raft) 2 sea anchors	
45	:	1 lifeline (becketted inside and outside)	
46	:	12 motion sickness bags / 25 sickness tablets / 2 paddles; 2 sponges	
47	:	1 life saving signal instruction sheets	
48	:	1 instruction sheet on how to survive (water proof) / instruction for immediate action (water proof)	
49	:	food ration	
50	:	can opener	
51	:	6 red head flares	
52 MARKINGS	:	The platform identification name shall be marked on each life raft, in Black lettering	
53	:	Type and size and printing on the life raft shall fulfill the requirement of SOLAS Consolidated Edition 2001.	
54 TESTING	:	Shall be tested as per all the tests specified in "IMO MSC 81(70) REVISED RECOMMENDATION	
55	:	ON TESTING OF LIFE-SAVING APPLIANCES. THE MARITIME SAFETY COMMITTEE".	
56	:	Life raft shall be manufacturers' product, which is easily and not expensively serviced	
57	:	by local services companies annually (at least 02 company services in the South of Việt Nam).	
57 REFERENCE DOCUMENTS			
58 a)	VSP-NIPI-TYP-TS-SA6-SP-01		
59 NOTES			
60	1. ITEM MARKED WITH "***", SHALL BE COMPLETED/CONFIRMED BY VENDOR.		
61			




	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM DATASHEET FOR SAFETY AND FIRE FIGHTING EQUIPMENT	RC12-002-TS-SA6-DS-001		
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2.8. Replace for DS-19:

Tag No. : * / *		Client : VietsovPetro JV, VSP	
Service : Fire fighting		Plant Location : Vietnam	
P & ID No. :		Manufacturer : -	
Calculation Ref. : -		Purchase Order : -	
No. of Units :		Datasheet No. : DS-21 - DATASHEET FOR PORTABLE EXTINGUISHING CABINET	
Service Description : Safety			
1 GENERAL			
2	TAG NUMBER	:	*
3	NO. OF UNITS	:	
4	SERVICE	:	Safety
5	SPECIFICATION	:	VSP-NIPI-TYP-TS-SA6-SP-01
6			
7			
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10 SITE CONDITION			
11	LOCATION	:	Offshore
12	EQUIPMENT LOCATION	:	Topside
13	AMBIENT AIR TEMPERATURE (MIN / MAX)	°C :	21 / 39
14	RELATIVE HUMIDITY (MIN / MAX)	% :	44 / 100
15	DEGREE OF PROTECTION	:	
16	ATMOSPHERE	:	Humid, Saliferous and Corrosive Marine environment
17			
18 DESIGN DATA			
19	GENERAL	:	The external extinguishers shall be placed in cabinets;
20			
21	MATERIAL	:	Cabinets shall be FRP/ GRP w ith thickness min.3 mm at least SS or w ith thickness min. 5mm
22			w ith composite material, w ith vision panel and single lead door; GRP w ith thickness min. 5mm or Stainless Steel w ith
23			thickness min.3 mm
24			
25	COLOUR	:	RED
26			
27	DESCRIPTION OF CABINET	:	The following Portable Extinguishers shall be installed in the cabinet:
28			- Single cabinet: Suitable for One (01) 9kg Dry Chemical Extinguisher
29			- Double Cabinet: Suitable for One (01) 9kg Dry Chemical Extinguisher & One (01) 5kg CO2 Extinguisher
30			or Two (2) 9kg Dry Chemical Extinguisher
31			- The cabinets should incorporate provision for both drainage and ventilation and minimize the ingress of sea and rainwater;
32			- Doors shall open easily and give free access to the contents without straining the hinges or catches. Door catches shall
33			be positive, non-lockable and made from stainless steel. Doors shall be provided with a simple method of securing in the
34			closed position, to withstand the wind conditions of a cyclone. Hinges, hinge pins, fixing nuts and bolts shall
35			be stainless steel.
36			- Cabinets to be painted red with the word "FIRE" and Vietsovpetro's logo;
37			- Cabinet shall be of adequate strength.
38			
39			
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42	DIMENSION	:	- Single Cabinet : Height 850 x length 280 x width 250 mm; *
43			- Double Cabinet : Height 850 x length 500 x width 250 mm; *
44			
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55 REFERENCE DOCUMENTS			
56	a) VSP-NIPI-TYP-TS-SA6-SP-01		
57			
58			
59 NOTES			
60	1. ITEM MARKED WITH "*", SHALL BE COMPLETED/CONFIRMED BY VENDOR.		
61			




	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM DATASHEET FOR SAFETY AND FIRE FIGHTING EQUIPMENT	RC12-002-TS-SA6-DS-001		
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2.9 Replace for DS-22:

Tag No. : */*		Client : VietsovPetro JV, VSP	
Service : Safety		Plant Location : Vietnam	
P & ID No. :		Manufacturer : -	
Calculation Ref. : -		Purchase Order : -	
No. of Units :		Datasheet No. : DS-22 - DATASHEET FOR HELIDECK NETTING	
Service Description : Safety			
1 GENERAL			
2	TAG NUMBER	:	*
3	NO. OF UNITS	:	
4	SERVICE	:	Safety
5	SPECIFICATION	:	VSP-NIPI-TYP-TS-SA6-SP-01
6	DESIGN CODE	:	CAP437; ICAO
7			
8			
9			
10 SITE CONDITION			
11	LOCATION	:	Offshore
12	EQUIPMENT LOCATION	:	Helideck
13	AMBIENT AIR TEMPERATURE (MIN / MAX)	°C :	21 / 39
14	RELATIVE HUMIDITY (MIN / MAX)	% :	62 / 98
15	ATMOSPHERE	:	Humid, Saliferous and Corrosive Marine environment
16			
17 DESIGN DATA			
18			
19			- In general, deck netting used offshore should be durable and resistant to tropical marine environment including ultraviolet radiation,
20			high tenacity, high friction, good color fastness to tropical marine environment.
21			- Production is made from weather resistant UV-protected polyester or natural material rope.
22			- Dimension of Deck Netting: 15 x 15 (m).
23			- The mesh size 200 mm x 200 mm.
24			- The tensile strength ≥ 10 kN.
25			- Rope dimensions: ≤ 22 mm for reference.
26			- Around the perimeter of the net about 1.5 meters away, there is one wire with 8 meter long used to anchor the tension when
27			installed on the helideck, each mesh corner requires 8 meters wire.
28			- The rope is twisted from 3 strands tightly twisted together, twist step: ≥ 9 twists / 20 cm.
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52			
53 REFERENCE DOCUMENTS			
54	a)		CAP437; ICAO
55 NOTES			
56			1. ITEM MARKED WITH "***", SHALL BE COMPLETED/CONFIRMED BY VENDOR.
57			



	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM DATASHEET FOR SAFETY AND FIRE FIGHTING EQUIPMENT	RC12-002-TS-SA6-DS-001		
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2.11 ADD DS-26:

Tag No. : * / *		Client : VietsovPetro JV, VSP	
Service : Fire fighting		Plant Location : Vietnam	
P & ID No. :		Manufacturer : -	
Calculation Ref. : -		Purchase Order : -	
No. of Units :	Datasheet No. : DS-26 - DATASHEET FOR FIRE WATER SYSTEM'S NOZZLE		
Service Description : Fire fighting			
1 GENERAL			
2	TAG NUMBER	:	*
3	NO. OF UNITS	:	
4	SERVICE	:	Fire fighting
5	SPECIFICATION	:	VSP-NIPI-TYP-TS-SA6-SP-01
6	DESIGN CODE	:	International Standard
7			
8			
9			
10 SITE CONDITION			
11	LOCATION	:	Offshore
12	EQUIPMENT LOCATION	:	Outside
13	AMBIENT AIR TEMPERATURE (MIN / MAX)	°C	: 21 / 39
14	RELATIVE HUMIDITY (MIN / MAX)	%	: 44 / 100
15	ATMOSPHERE	:	Humid, Saliferous and Corrosive Marine environment
16			
17 DESIGN DATA			
18			
19	Technical Data:	- Design Pressure	: 13 Bar
20		- Test Pressure	: 20 bar
21		- Thread size	: 1/2 inch
22		- Angle	: 120°
23		- K-factor	: 46 (SI)
24		- Frame material	: Brass casting
25		- Model	: *
26		- Discharge Pattern	: Full cone
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46			
47			
48 REFERENCE DOCUMENTS			
49	a)	VSP-NIPI-TYP-TS-SA6-SP-01	
50			
51 NOTES			
52	1. ITEM MARKED WITH "**", SHALL BE COMPLETED/CONFIRMED BY VENDOR.		
53			



	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM DATASHEET FOR SAFETY AND FIRE FIGHTING EQUIPMENT	RC12-002-TS-SA6-DS-001		
		Rev.	0	Page

2.12 ADD DS-27

Tag No. : */*		Client : VietsovPetro JV, VSP	
Service : Rescue and Fire fighting		Plant Location : Vietnam	
P & ID No. :		Manufacturer : -	
Calculation Ref. : -		Purchase Order : -	
No. of Units :		Datasheet No. :	DS-27 - DATASHEET FOR SELF-CONTAINED BREATHING APPARATUS
Service Description : Rescue and Fire fighting			
1 GENERAL			
2	TAG NUMBER	:	*
3	NO. OF UNITS	:	*
4	SERVICE	:	Rescue and Fire fighting
5	SPECIFICATION	:	VSP-NIPI-TYP-TS-SA6-SP-01
6	DESIGN CODE	:	International Standard
7			
8			
9			
10 SITE CONDITION			
11	LOCATION	:	Offshore
12	EQUIPMENT LOCATION	:	Inside room
13	AMBIENT AIR TEMPERATURE (MIN/ MAX)	°C :	21 / 39
14	RELATIVE HUMIDITY (MIN/ MAX)	% :	44 / 100
15	ATMOSPHERE	:	Humid, Saliferous and Corrosive Marine environment
16			
17 DESIGN DATA			
18	GENERAL	- Manufacturer	: *
19		- Vendor Model	: *
20		- Material	: *
21		- Weight	: *
22		- Size	: *
23		- Quantity	: One (01) SCBA unit provided with 02 sets of SCBA and 01 spare cylinder with full charging
24			
25	STANDARD	- Complies with International Standards	
26			
27	DETAILS	- One (01) unit of SCBA consists of two (02) sets of SCBA and one (01) spare full charging cylinder, all stored in a cabinet	
28		- One (01) set of SCBA shall consists of a back plate, shoulder strap, 30-minute air cylinder (spring loaded exhalation valve,	
29		breathing valve, pressure demand regulator), high pressure hose, audible low pressure warning device, positive pressure	
30		face mask, harness and a Glass Reinforced Plastic case	
31		- Instruction for uses and maintenance.	
32		- Portable air compressor suitable to recharge the Breathing Apparatus come with an air hose shall be provided	
33		- Cylinder for SCBA shall be capable of functioning for 30 minutes and designed with 300 barg	
34			
35	CABINET	- GRP cabinet with a nominal thickness of 3mm, featuring SS316 hinged door, quick-opening latches, and a solid brass pull	
36		handle.	
37		- Cabinet shall be compatible with 2 cases of SCBA set and 1 spare cylinder	
38		- Lifting arrangement shall be provided;	
39		- Dimension (mm): L* x W* x H*	
40		- Colour: Red	
41			
42	MARKING	- The SCBA Cabinet shall be labelled with platform identification name as "SELF-CONTAINED BREATHING APPARATUS"	
43		with Vietsovpetro's logo	
44		- The labelling must be UV resistant, and will not "rub off" upon repeated contact	
45		- Necessary instructions shall be provided in English and Vietnamese languages.	
46		- The list of all items/ equipment shall be printed on The door leaf.	
47			
48 REFERENCE DOCUMENTS			
49	a)	VSP-NIPI-TYP-TS-SA6-SP-01	
50			
51 NOTES			
52	1. ITEM MARKED WITH "**", SHALL BE COMPLETED/CONFIRMED BY VENDOR.		
53			





RESEARCH AND ENGINEERING INSTITUTE
FOR OFFSHORE OIL AND GAS



AGREED BY
Deputy General Director of
Vietsovpetro

Tran Xuan Hoang

31 / 08 /2020

APPROVED BY
Chief Engineer of Vietsovpetro



Tran Van Vinh

31/08 /2020

TYPICAL ENGINEERING DOCUMENTATION

DOCUMENT TITLE : DATASHEET FOR SAFETY & FIRE FIGHTING EQUIPMENT

DOCUMENT NO. : VSP-NIPI-TYP-TS-SA6-DS-01

AGREED:			Name	Date			
Capital Construction Department				28/08/20			
Health-Safety-Environment Department				28.8.20			
1	IFA	24/08/2020	C.Đ.HUY	N.N.TIEP	ASTAKHOV A.A.	T.D.HAI	B.T.HAN
0	IFA	08/10/2019	C.Đ.HUY	N.N.TIEP	ASTAKHOV A.A.	T.D.HAI	B.T.HAN
REV.	DES.	DATE	PREPARED	CHECKED	DEPART. MANAGER	ENG. MANAGER	PRO. MANAGER

CONTROLLED





DATASHEET FOR SAFETY AND FIRE FIGHTING EQUIPMENT

Datasheet No.	Equipment	Scope of supply
DS- 1	Fireman's Outfit Box and Cabinet	VENDOR
DS- 2	Helicopter Rescue Equipment and Cabinet	VENDOR
DS- 3	CO ₂ Extinguisher, 2 Kgs	VENDOR
DS- 4	Dry Powder Extinguisher, 4 Kgs	VENDOR
DS- 5	CO ₂ Extinguisher, 5 Kgs	VENDOR
DS- 6	AFFF Extinguisher, 9 L	VENDOR
DS- 7	Dry Powder Extinguisher, 12 Kgs.	VENDOR
DS- 8	Dry Powder Extinguisher, 50 Kgs.	VENDOR
DS- 9	CO ₂ Extinguisher, 25 Kgs	VENDOR
DS- 10	45 L Foam Fire Extinguisher	VENDOR
DS- 11	Fire Hydrants (for Fire Sea Water)	VENDOR
DS- 12	Fire Hydrant cabinet (for Fire Sea Water)	VENDOR
DS- 13	First Aid Cabinet (First Aid Pack & Burn Packs)	VENDOR
DS- 14	Electric shock rescue kit (HV/LV) with cabinet	VENDOR
DS- 15	Safety Signs	VENDOR
DS- 16	Lifebuoy and accessories	VENDOR
DS- 17	Life Jackets with cabinet (10 life jackets/cabinet)	VENDOR
DS- 18	Quick Descent Device with cabinet	VENDOR
DS- 19	Basket Type Sketcher	VENDOR
DS- 20	Life rafts, capacity 10 person each	VENDOR
DS- 21	Fire Fighting Cabinet	VENDOR
DS- 22	Helideck Netting	VENDOR
DS- 23	Eye Wash Station - Portable	VENDOR
DS- 24	Eye Wash Station	VENDOR
DS- 25	Swing Rope	VENDOR

If any discrepancy between Datasheet and Specification, then such matters shall be confirmed before tendering.



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TYPICAL ENGINEERING DOCUMENTATION

VSP-NIPI-TYP-TS-SA6-DS-01

DATASHEET FOR
FIREMAN'S OUTFIT BOX AND CABINET

REV.	1	Page	4/29
------	---	------	------

Tag No. :	* / *	Client :	VietsovPetro JV, VSP
Service :	Rescue and Fire Fighting	Plant Location :	Vietnam
P & ID No. :		Manufacturer :	-
Calculation Ref. :	-	Purchase Order :	-
No. of Units :		Datasheet No. :	DS-1 - DATASHEET FOR FIREMAN'S OUTFIT BOX AND CABINET
Service Description :	Rescue and Fire Fighting		
1 GENERAL			
2 TAG NUMBER	:	*	
3 NO. OF UNITS	:		
4 SERVICE	:	Rescue and Fire Fighting	
5 DESIGN CODE	:	FFS code	
6 SPECIFICATION	:	VSP-NIPI-TYP-TS-SA6-SP-01	
7			
8			
9 SITE CONDITION			
10 LOCATION	:	Offshore	
11 EQUIPMENT LOCATION	:	Outside	
12 AMBIENT AIR TEMPERATURE (MIN / MAX)	°C :	21 / 39	
13 RELATIVE HUMIDITY (MIN / MAX)	% :	44 / 100	
14 ATMOSPHERE	:	Humid, Saliferous and Corrosive Marine environment	
15			
16			
17 DESIGN DATA			
18	Following equipment shall be provided as a minimum:		
19	Description:		Quantity:
20	1. Protective clothing of material to protect the skin from the heat radiating from the fire and from burns and		1 (Ea.)
21	scalding by steam. The outer surface shall be water-resistant.		
22	2. Boots and gloves of rubber or other electrically non-conducting material.		1 (Ea.)
23	3. A rigid helmet providing effective protection against impact.		1 (Ea.)
24	4. An electric safety lamp (hand lantern) of an approved type with a minimum burning period of three hours.		1 (Ea.)
25	5. An axe to the satisfaction of the Administration.		1 (Ea.)
26	6. A breathing apparatus of an approved type which may be either:		1 (Ea.)
27	a. A smoke helmet or smoke mask which shall be provided with a suitable air pump and a length of air hose sufficient		
28	to reach from the open deck, well clear of hatch or doorway, to any part of the holds or machinery spaces. If, in		
29	order to comply with this sub-paragraph, an air hose exceeding 36 metres (120 feet) in length would be necessary,		
30	a self-contained breathing apparatus shall be substituted or provided in addition as determined by the Administration		
31	b. Or a self-contained breathing apparatus which shall be capable of functioning for a period of time to be determined by		
32	the Administration.		
33	7. For each breathing apparatus a fireproof lifeline of sufficient length and strength (at least 30m length) shall be		1 (Ea.)
34	provided capable of being attached by means of a snaphook to the harness of the apparatus or to a separate		
35	belt in order to prevent the breathing apparatus becoming detached when the lifeline is operated.		
36			
37 CABINET			
38	The fireman's equipment cabinet:-		
39	a.	Shall be supplied as a fully assembled factory tested unit;	
40	b.	Shall be fully enclosed and protected to IP 56 as per IEC 60529;	
41	c.	Shall be constructed from UV resistan, fire retardant material, viz. FRP/GRP/Stainless Steel and shall have drain holes;	
42	d.	Shall be painted red;	
43	f.	Fitting shall be of stainless steel;	
44	g.	Shall be suitable for installation outdoors in a marine environment;	
45	h.	Lifting arrangement shall be provided;	
46	i.	Shall be suitable for fixing with wall/ floor;	
47	j.	Cabinet doors shall be two leaf type with vision panel;	
48	k.	Door shall be arranged for full and easy access to all items for emergency operation and routine maintenance;	
49	l.	Doors shall be of "roller shutter" type. It shall be possible to remove all items or equipment individually without the need to remove any other item;	
50	m.	Cabinet shall be painted with the words "FIREMAN'S EQUIPMENT" and Vietsovpetro's logo;	
51	n.	The list of all items/ equipment shall be printed on the inside of door leaf.	
52			
53 REFERENCE DOCUMENTS			
54	a)	VSP-NIPI-TYP-TS-SA6-SP-01	
55			
56 NOTES			
57	1. ITEM MARKED WITH "*", SHALL BE COMPLETED/CONFIRMED BY VENDOR.		
58			



TYPICAL ENGINEERING DOCUMENTATION

VSP-NIPI-TYP-TS-SA6-DS-01

DATASHEET FOR HELICOPTER RESCUE EQUIPMENT AND CABINET

REV. 1 Page 5/29

Tag No. : * / *	Client : VietsovPetro JV, VSP
Service : Rescue and Fire Fighting	Plant Location : Vietnam
P & ID No. :	Manufacturer : -
Calculation Ref. : -	Purchase Order : -

No. of Units :	Datasheet No. : DS-2 DATASHEET FOR HELICOPTER RESCUE EQUIPMENT AND CAB
Service Description : Rescue and Fire Fighting	

1	GENERAL
2	TAG NUMBER : *
3	NO. OF UNITS :
4	SERVICE : Rescue and Fire Fighting
5	DESIGN CODE : CAP437
6	SPECIFICATION : VSP-NIPI-TYP-TS-SA6-SP-01
7	
8	
9	

10	SITE CONDITION
11	LOCATION : Offshore
12	EQUIPMENT LOCATION : Helideck
13	AMBIENT AIR TEMPERATURE (MIN / MAX) °C : 21 / 39
14	RELATIVE HUMIDITY (MIN / MAX) % : 44 / 100
15	ATMOSPHERE : Humid, Saliferous and Corrosive Marine environment
16	
17	

18 DESIGN DATA

19	Following equipment shall be provided as a minimum:-	
20	Description:	Quantity:
21	Fire axe	1 (Ea.)
22	Crow bar	1 (Ea.)
23	Hack saw (heavy duty) and six spare blades	1 (Ea.)
24	Quick release harness knife	1 (Ea.)
25	Gloves, fire resistant	1 (Pair)
26	Fire blanket	1 (Ea.)
27	Pliers, side cutting (tin snips)	1 (Ea.)
28	Laminated instruction	1 (Ea.)
29	Hock, grab	1 (Ea.)
30	Aluminum ladder (two-piece)	1 (Ea.)
31	Adjustable wrench	1 (Ea.)
32	Life line (5 cm circumference x 15 m length) plus rescue harness	1 (Ea.)
33	Power cutting tool	1 (Ea.)
34	Cutter, bolts	1 (Ea.)
35	Set of assorted screwdrivers	1 (Ea.)
36	Man-Made Mineral Fibre (MMMF) Filter masks	2 (Ea.)

37 CABINET

- 38 The fireman's equipment cabinet:-
- 39 a. Shall be supplied as a fully assembled factory tested unit;
 - 40 b. Shall be fully enclosed and protected to IP 56 as per IEC 60529;
 - 41 c. Shall be constructed from UV resistan, fire retardant material, viz. FRP/GRP/Stainless Steel and shall have drain holes;
 - 42 d. Shall be painted red;
 - 43 f. Fitting shall be of stainless steel;
 - 44 g. Shall be suitable for installation outdoors in a marine environment;
 - 45 h. Lifting arrangement shall be provided;
 - 46 i. Shall be suitable for fixing with wall/ floor;
 - 47 j. Cabinet doors shall be two leaf type with vision panel;
 - 48 k. Door shall be arranged for full and easy access to all items for emergency operation and routine maintenance;
 - 49 l. Doors shall be of "roller shutter" type. It shall be possible to remove all items or equipment individually without the need to remove any other item;
 - 50 m. Cabinet shall be painted with the words "HELICOPTER RESCUE" and Vietsovpetro's logo;
 - 51 n. The list of all items/ equipment shall be printed on the inside of door leaf.

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55 REFERENCE DOCUMENTS

56	a) VSP-NIPI-TYP-TS-SA6-SP-01
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60 NOTES

- 61 1. ITEM MARKED WITH "*", SHALL BE COMPLETED/CONFIRMED BY VENDOR.
- 62



TYPICAL ENGINEERING DOCUMENTATION

VSP-NIPI-TYP-TS-SA6-DS-01

DATASHEET FOR CO2 EXTINGUISHER, 2KGS

REV. 1 Page 6/29

Tag No. : * / *	Client : VietsovPetro JV, VSP
Service : Fire fighting	Plant Location : Vietnam
P & ID No. :	Manufacturer : -
Calculation Ref. : -	Purchase Order : -

No. of Units :	Datasheet No. : DS-3 - DATASHEET FOR CO2 EXTINGUISHER, 2KGS
Service Description : Fire fighting	

1	GENERAL	
2	TAG NUMBER	: *
3	NO. OF UNITS	:
4	SERVICE	: Fire fighting
5	DESIGN CODE	: TCVN / international standard of fire prevention and fighting.
6	SPECIFICATION	: VSP-NIPI-TYP-TS-SA6-SP-01
7		
8		
9		
10	SITE CONDITION	
11	LOCATION	: Offshore
12	EQUIPMENT LOCATION	: Inside room
13	AMBIENT AIR TEMPERATURE (MIN / MAX) °C	: 21 / 39
14	RELATIVE HUMIDITY (MIN / MAX) %	: 44 / 100
15	ATMOSPHERE	: Humid, Saliferous and Corrosive Marine environment
16		
17	DESIGN DATA	
18	CAPACITY Kgs	: 2
19	FIRE CLASS	: B, C (Electrical)
20	FIRE RATING	Minimum : 21B
21	WORKING PRESSURE @ 20°C, bar	: 56, min
22	TEST PRESSURE, Minimum bar	: 250, min
23	DISCHARGE TIME, Minimum Sec	: 8
24	RANGE OF THROW, Minimum meters	: 3
25	OPERATING TEMPERATURE °C	: -20 to +60°C
26	SAFETY RELIEF VALVE	: To be provided
27	PRESSURE GAUGE	: Equipped on cylinder
28		
29	MATERIAL	
30	Handle of valve	: Marine equipment directive approved fire Extinguisher, approved international standard. Made of rust-proof metal.
31	Head valve	: Made of brass.
32	Start-up valve	: Corrosion resistance (resistance to moisture)
33		
34		
35	MARKINGS	
36		: Standards printed and shown in catalog
37		: Year of production, serial number, weight of cylinder, weight of extinguisher capacity, operating temperature stamped on cylinder
38		
39		
40	WALL MOUNTED BRACKET	: Shall be provided
41	BRACKET	: Shall be provided
42		: Red Painting
43	NAME PLATE	: Nameplate of cylinder and printed by non-volatile paint on hose.
44	MAINTENANCE RECORD PLATE	: Record plate to be provided for indicating the next inspection by month & year.
45		: Extinguisher shall have a bottom skirt, to raise the body not less than 6mm above the floor.
46	CARRYING HANDLE	: Carrying and operating handles shall be pistol-grip type and made of steel, corrosion resistant
47		: strong to withstand at least 2 times the total weight of the extinguisher.
48		
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53	REFERENCE DOCUMENTS	
54	a) VSP-NIPI-TYP-TS-SA6-SP-01	
55	NOTES	
56	1. ITEM MARKED WITH " * ", SHALL BE COMPLETED/CONFIRMED BY VENDOR.	
57		



TYPICAL ENGINEERING DOCUMENTATION

VSP-NIPI-TYP-TS-SA6-DS-01

DATASHEET FOR DRY POWDER EXTINGUISHER, 4 KGS

REV. 1 Page 7/29

Table with 2 columns: Field (Tag No., Service, P & ID No., Calculation Ref.) and Value (* / *, Fire fighting, -, -)

Table with 2 columns: Field (No. of Units, Service Description) and Value (: Fire fighting)

Datasheet No. : DS-4 - DATASHEET FOR DRY POWDER EXTINGUISHER, 4 KGS

1 GENERAL

Table with 2 columns: Item No. (2-8) and Description (TAG NUMBER, NO. OF UNITS, SERVICE, DESIGN CODE, SPECIFICATION)

9 SITE CONDITION

Table with 2 columns: Item No. (10-15) and Description (LOCATION, EQUIPMENT LOCATION, AMBIENT AIR TEMPERATURE, RELATIVE HUMIDITY, ATMOSPHERE)

16 DESIGN DATA

Table with 2 columns: Item No. (17-34) and Description (EXTINGUISHER TYPE, CAPACITY, POWDER TYPE, FIRE CLASS, FIRE RATING, WORKING PRESSURE, TEST PRESSURE, DISCHARGE TIME, RANGE OF THROW, OPERATING TEMPERATURE, PRESSURE GAUGE, SAFETY RELIEF VALVE, MATERIAL)

35 MARKINGS

Table with 2 columns: Item No. (35-38) and Description (Standards printed and shown in catalog, Year of production, serial number, weight of cylinder, weight of extinguisher capacity, operating temperature stamped on cylinder)

40 BRACKET

Table with 2 columns: Item No. (40-49) and Description (Bracket, Name Plate, Maintenance Record Plate, Carrying Handle)

50 REFERENCE DOCUMENTS

Table with 2 columns: Item No. (51-53) and Description (a) VSP-NIPI-TYP-TS-SA6-SP-01

54 NOTES

Table with 2 columns: Item No. (55-56) and Description (1. ITEM MARKED WITH " * ", SHALL BE COMPLETED/CONFIRMED BY VENDOR.)



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TYPICAL ENGINEERING DOCUMENTATION
DATASHEET FOR CO2 EXTINGUISHER, 5KGS

VSP-NIPI-TYP-TS-SA6-DS-01

REV. 1 Page 8/29

Tag No. : * / *		Client : VietsovPetro JV, VSP	
Service : Fire fighting		Plant Location : Vietnam	
P & ID No. :		Manufacturer : -	
Calculation Ref. : -		Purchase Order : -	
No. of Units :		Datasheet No. : DS-5 - DATASHEET FOR CO2 EXTINGUISHER, 5KGS	
Service Description : Fire fighting			
1 GENERAL			
2	TAG NUMBER	:	*
3	NO. OF UNITS	:	
4	SERVICE	:	Fire fighting
5	DESIGN CODE	:	TCVN / international standard of fire prevention and fighting.
6	SPECIFICATION	:	VSP-NIPI-TYP-TS-SA6-SP-01
7			
8			
9			
10 SITE CONDITION			
11	LOCATION	:	Offshore
12	EQUIPMENT LOCATION	:	Inside and outside room
13	AMBIENT AIR TEMPERATURE (MIN / MAX) °C	:	21 / 39
14	RELATIVE HUMIDITY (MIN / MAX) %	:	44 / 100
15	ATMOSPHERE	:	Humid, Saliferous and Corrosive Marine environment
16			
17 DESIGN DATA			
18	CAPACITY Kgs	:	5
19	FIRE CLASS	:	B, C (Electrical)
20	FIRE RATING	Minimum	: 55B
21	WORKING PRESSURE @ 20°C,	bar	: 56, min
22	TEST PRESSURE, Minimum	bar	: 250, min
23	DISCHARGE TIME, Minimum	Sec	: 9
24	RANGE OF THROW, Minimum	meters	: 3
25	OPERATING TEMPERATURE °C	:	-20 to +60°C
26	SAFETY RELIEF VALVE	:	To be provided
27	PRESSURE GAUGE	:	Equipped on cylinder
28	MATERIAL	:	Marine equipment directive approved fire Extinguisher, approved international standard.
29	Start-up valve	:	Corrosion resistance (resistance to moisture)
30	Handle of valve	:	Made of rust-proof metal
31	Head valve	:	Made of brass.
32			
33			
34	MARKINGS	:	Standards printed and shown in catalog
35		:	Year of production, serial number, weight of cylinder, weight of extinguisher capacity, operating temperature stamped on cylinder
36			
37			
38			
39	WALL MOUNTED BRACKET	:	Shall be provided
40	BRACKET	:	Shall be provided
41			
42	NAME PLATE	:	Nameplate of cylinder and printed by non-volatile paint on hose.
43	MAINTENANCE RECORD PLATE	:	Record plate to be provided for indicating the next inspection by month & year.
44		:	Extinguisher shall have a bottom skirt, to raise the body not less than 6mm above the floor.
45	CARRYING HANDLE	:	Carrying and operating handles shall be pistol-grip type and made of steel, corrosion resistant
46		:	strong to withstand at least 2 times the total weight of the extinguisher.
47			
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53 REFERENCE DOCUMENTS			
54	a) VSP-NIPI-TYP-TS-SA6-SP-01		
55			
56 NOTES			
57	1. ITEM MARKED WITH " * ", SHALL BE COMPLETED/CONFIRMED BY VENDOR.		
58			



TYPICAL ENGINEERING DOCUMENTATION

VSP-NIPI-TYP-TS-SA6-DS-01

DATASHEET FOR AFFF EXTINGUISHER, 9 LITRES

REV.	1	Page	9/29
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Tag No. :	* / *	Client :	VietsovPetro JV, VSP
Service :	Fire fighting	Plant Location :	Vietnam
P & ID No. :		Manufacturer :	-
Calculation Ref. :	-	Purchase Order :	-
No. of Units :		Datasheet No. :	DS-6 - DATASHEET FOR AFFF EXTINGUISHER, 9 LITRES
Service Description :	Fire fighting		
1 GENERAL			
2 TAG NUMBER	:	*	
3 NO. OF UNITS	:		
4 SERVICE	:	Fire fighting	
5 DESIGN CODE	:	TCVN / international standard of fire prevention and fighting.	
6 SPECIFICATION	:	VSP-NIPI-TYP-TS-SA6-SP-01	
7			
8			
9			
10 SITE CONDITION			
11 LOCATION	:	Offshore	
12 EQUIPMENT LOCATION	:	Inside and outside room	
13 AMBIENT AIR TEMPERATURE (MIN / MAX)	°C	21 / 39	
14 RELATIVE HUMIDITY (MIN / MAX)	%	44 / 100	
15 ATMOSPHERE	:	Humid, Saliferous and Corrosive Marine environment	
16			
17 DESIGN DATA			
18 EXTINGUISHER TYPE	:	AFFF Foam, CO ₂ cartridge type	
19 CAPACITY	Litres	9	
20 FIRE CLASS	:	A, B	
21 FIRE RATING	Minimum	144B	
22 WORKING PRESSURE @ 20°C, Minimum	bar	15	
23 TEST PRESSURE, Minimum	bar	30	
24 DISCHARGE TIME, Minimum	Sec	30	
25 RANGE OF THROW, Minimum	meters	5 to 6	
26 OPERATING TEMPERATURE	°C	-20 to +60°C	
27 SAFETY RELIEF VALVE	:	No	
28			
29 MATERIAL	:	Marine equipment directive approved fire Extinguisher, approved international standard.	
30	Start-up valve	Corrosion resistance (resistance to moisture)	
31	Handle of valve	Rust-proof metal	
32	Head valve	Made of brass.	
33			
34 MARKINGS	:	Standards printed and shown in catalog	
35		Year of production, serial number, weight of cylinder, weight of extinguisher capacity, operating temperature stamped on cylinder	
36			
37			
38			
39 BRACKET	:	Shall be provided for inside Diesel Generator Room	
40 NAME PLATE	:	Nameplate of cylinder and printed by non-volatile paint on hose.	
41 MAINTENANCE RECORD PLATE	:	Record plate to be provided for indicating the next inspection by month & year.	
42		Extinguisher shall have a bottom skirt, to raise the body not less than 6mm above the floor.	
43 CARRYING HANDLE	:	Carrying and operating handles shall be pistol-grip type and made of steel, corrosion resistant	
44		strong to withstand at least 2 times the total weight of the extinguisher.	
45			
46			
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49 REFERENCE DOCUMENTS			
50 a)	VSP-NIPI-TYP-TS-SA6-SP-01		
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54 NOTES			
55	1. ITEM MARKED WITH "*", SHALL BE COMPLETED/CONFIRMED BY VENDOR.		
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TYPICAL ENGINEERING DOCUMENTATION

VSP-NIPI-TYP-TS-SA6-DS-01

DATASHEET FOR DRY POWDER EXTINGUISHER, 12 KGS

REV. 1 Page 10/29

Tag No. : * / *		Client : VietsovPetro JV, VSP	
Service : Fire fighting		Plant Location : Vietnam	
P & ID No. :		Manufacturer : -	
Calculation Ref. : -		Purchase Order : -	
No. of Units :		Datasheet No. : DS-7 - DATASHEET FOR DRY POWDER EXTINGUISHER, 12 KGS	
Service Description : Fire fighting			
1 GENERAL			
2	TAG NUMBER	:	*
3	NO. OF UNITS	:	
4	SERVICE	:	Fire fighting
5	DESIGN CODE	:	TCVN / international standard of fire prevention and fighting.
6	SPECIFICATION	:	VSP-NIPI-TYP-TS-SA6-SP-01
7			
8			
9			
10 SITE CONDITION			
11	LOCATION	:	Offshore
12	EQUIPMENT LOCATION	:	Inside and outside room
13	AMBIENT AIR TEMPERATURE (MIN / MAX)	°C	: 21 / 39
14	RELATIVE HUMIDITY (MIN / MAX)	%	: 44 / 100
15	ATMOSPHERE	:	Humid, Saliferous and Corrosive Marine environment
16			
17 DESIGN DATA			
18	EXTINGUISHER TYPE	:	Dry Chemical Powder, Inner CO ₂ cartridge type
19	CAPACITY	Kgs	: 12
20	POWDER TYPE	:	ABC Chemical Powder, not water absorption; certificated for powder
21	FIRE CLASS	:	A, B, C type
22	FIRE RATING	minimur	: 18B-45B
23	WORKING PRESSURE @ 20°C, Minimum	bar	: 15
24	TEST PRESSURE, Minimum	bar	: 30
25	DISCHARGE TIME, Minimum	Sec	: 30
26	RANGE OF THROW, Minimum	meters	: 5 to 6
27	OPERATING TEMPERATURE	°C	: -20 to +60°C
28	PRESSURE GAUGE	:	Equipped on cylinder
29	SAFETY RELIEF VALVE	:	No
30			
31	MATERIAL	:	Marine equipment directive approved fire Extinguisher, approved international standard.
32		Handle of valve	: Rust-proof metal
33		Head valve	: Made of brass.
34		Start-up valve	: Corrosion resistance (resistance to moisture)
35			
36	MARKINGS	:	Standards printed and shown in catalog
37		:	Year of production, serial number, weight of cylinder, weight of extinguisher capacity, operating temperature stamped on cylinder
38			
39			
40			
41	BRACKET	:	Shall be provided for inside Diesel Generator Room
42	NAME PLATE	:	Nameplate of cylinder and printed by non-volatile paint on hose.
43	MAINTENANCE RECORD PLATE	:	Record plate to be provided for indicating the next inspection by month & year
44		:	Extinguisher shall have a bottom skirt, to raise the body not less than 6mm above the floor
45	CARRYING HANDLE	:	Carrying and operating handles shall be pistol-grip type and made of steel, corrosion resistant
46		:	strong to withstand at least 2 times the total weight of the extinguisher
47			
48			
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51 REFERENCE DOCUMENTS			
52	a)	VSP-NIPI-TYP-TS-SA6-SP-01	
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55 NOTES			
56	1. ITEM MARKED WITH "*", SHALL BE COMPLETED/CONFIRMED BY VENDOR.		
57			





TYPICAL ENGINEERING DOCUMENTATION

VSP-NIPI-TYP-TS-SA6-DS-01

DATASHEET FOR DRY POWDER EXTINGUISHER, 50 KGS

REV. 1 Page 11/29

Table with 2 columns: Tag No., Service, P & ID No., Calculation Ref. and Client, Plant Location, Manufacturer, Purchase Order.

Table with 2 columns: No. of Units, Service Description and Datasheet No.

1 | GENERAL

Table with 2 columns: Item number, Description, Value. Items 2-9.

10 | SITE CONDITION

Table with 2 columns: Item number, Description, Value. Items 11-16.

17 | DESIGN DATA

Table with 2 columns: Item number, Description, Value. Items 18-36.

37 | MARKINGS

Table with 2 columns: Item number, Description, Value. Items 37-39.

40 | DESIGN TYPE

Table with 2 columns: Item number, Description, Value. Item 40.

41 | LIFTING EYES

Table with 2 columns: Item number, Description, Value. Item 41.

42 | NAME PLATE

Table with 2 columns: Item number, Description, Value. Item 42.

43 | MAINTENANCE RECORD PLATE

Table with 2 columns: Item number, Description, Value. Item 43.

44

45 | CARRYING HANDLE

Table with 2 columns: Item number, Description, Value. Item 45.

46

47

48

49 | REFERENCE DOCUMENTS

Table with 2 columns: Item number, Description, Value. Item 50.

51

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54 | NOTES

Table with 2 columns: Item number, Description, Value. Item 55.

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TYPICAL ENGINEERING DOCUMENTATION

VSP-NIPI-TYP-TS-SA6-DS-01

DATASHEET FOR CO2 EXTINGUISHER, 25 Kg

REV. 1 Page 12/29

Tag No. : * / *	Client : VietsovPetro JV, VSP
Service : Fire fighting	Plant Location : Vietnam
P & ID No. :	Manufacturer : -
Calculation Ref. : -	Purchase Order : -

No. of Units :	Datasheet No. : DS-9 - DATASHEET FOR CO2 EXTINGUISHER, 25 Kg
Service Description : Fire fighting	

1	GENERAL
2	TAG NUMBER : *
3	NO. OF UNITS :
4	SERVICE : Fire fighting
5	DESIGN CODE : TCVN / international standard of fire prevention and fighting.
6	SPECIFICATION : VSP-NIPI-TYP-TS-SA6-SP-01
7	
8	
9	

10	SITE CONDITION
11	LOCATION : Offshore
12	EQUIPMENT LOCATION : Outside room
13	AMBIENT AIR TEMPERATURE (MIN / MAX) °C : 21 / 39
14	RELATIVE HUMIDITY (MIN / MAX) % : 44 / 100
15	ATMOSPHERE : Humid, Saliferous and Corrosive Marine environment
16	

17	DESIGN DATA
18	CAPACITY Kg : 25
19	FIRE CLASS : B, C (Electrical)
20	WORKING PRESSURE @ 20°C, bar : 56, min
21	TEST PRESSURE, Minimum bar : 250, min
22	DISCHARGE TIME, Minimum Sec : 40
23	DISCHARGE RANGE, Minimum FT. : 10-15
24	OPERATING TEMPERATURE °C : -30 to +49°C
25	SAFETY RELIEF VALVE : To be provided
26	PRESSURE GAUGE : Equipped on cylinder
27	

28	MATERIAL : Marine equipment directive approved fire Extinguisher, approved international standard.
29	Handle of valve : Rust-proof metal
30	Head valve : Made of brass.
31	Start-up valve : Corrosion resistance (resistance to moisture)
32	
33	

34	MARKINGS : Standards printed and shown in catalog
35	: Year of production, serial number, weight of cylinder, weight of extinguisher capacity, operating temperature stamped on cylinder
36	
37	

38	DESIGN TYPE : Semi-Pneumatic Wheel
39	NAME PLATE : Nameplate of cylinder and printed by non-volatile paint on hose.
40	MAINTENANCE RECORD PLATE : Record plate to be provided for indicating the next inspection by month & year.
41	: Extinguisher shall have a bottom skirt, to raise the body not less than 6mm above the floor.
42	CARRYING HANDLE : Carrying and operating handles shall be pistol-grip type and made of steel, corrosion resistant
43	: strong to withstand at least 2 times the total weight of the extinguisher.
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52	REFERENCE DOCUMENTS
53	a) VSP-NIPI-TYP-TS-SA6-SP-01
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56	NOTES
57	1. ITEM MARKED WITH "**", SHALL BE COMPLETED/CONFIRMED BY VENDOR.
58	





TYPICAL ENGINEERING DOCUMENTATION
DATASHEET FOR 45 L FOAM FIRE EXTINGUISHER

VSP-NIPI-TYP-TS-SA6-DS-01
REV. 1 Page 13/29

Tag No. :	*/*	Client :	VietsovPetro JV, VSP
Service :	Fire fighting	Plant Location :	Vietnam
P & ID No. :		Manufacturer :	-
Calculation Ref. :	-	Purchase Order :	-
No. of Units :		Datasheet No. :	DS-10 - DATASHEET FOR 45 L FOAM FIRE EXTINGUISHER
Service Description :	Fire fighting		
1 GENERAL			
2	TAG NUMBER	:	*
3	NO. OF UNITS	:	
4	SERVICE	:	Fire fighting
5	DESIGN CODE	:	TCVN / international standard of fire prevention and fighting.
6	SPECIFICATION	:	VSP-NIPI-TYP-TS-SA6-SP-01
7			
8			
9			
10 SITE CONDITION			
11	LOCATION	:	Offshore
12	EQUIPMENT LOCATION	:	Outside room
13	AMBIENT AIR TEMPERATURE (MIN / MAX)	°C	: 21 / 39
14	RELATIVE HUMIDITY (MIN / MAX)	%	: 44 / 100
15	ATMOSPHERE	:	Humid, Saliferous and Corrosive Marine environment
16			
17 DESIGN DATA			
18	EXTINGUISHER TYPE	:	FFFF Foam, CO ₂ cartridge type
19	CAPACITY	Lite	: 45
20	FIRE CLASS	:	A, B
21	WORKING PRESSURE @ 20°C, Minimum	bar	: 15
22	TEST PRESSURE, Minimum	bar	: 30
23	DISCHARGE TIME, Minimum	Sec	: 165-185
24	DISCHARGE RANG, Minimum	meters	: 9 to 12
25	OPERATING TEMPERATURE	°C	: -20 to +60°C
26	SAFETY RELIEF VALVE	:	*
27			
28	MATERIAL	:	Marine equipment directive approved fire Extinguisher, approved international standard.
29		Handle of valve	: Rust-proof metal
30		Head valve	: Made of brass.
31		Start-up valve	: Corrosion resistance (resistance to moisture)
32			
33			
34	MARKINGS	:	Standards printed and shown in catalog
35		:	Year of production, serial number, weight of cylinder, weight of extinguisher capacity, operating temperature stamped on cylinder
36			
37			
38	DESIGN TYPE	:	Stationary Design
39		:	Fill Cap with Pressure Indicator
40	NAME PLATE	:	Nameplate of cylinder and printed by non-volatile paint on hose.
41	MAINTENANCE RECORD PLATE	:	Record plate to be provided for indicating the next inspection by month & year.
42		:	Extinguisher shall have a bottom skirt, to raise the body not less than 6mm above the floor.
43	CARRYING HANDLE	:	Carrying and operating handles shall be pistol-grip type and made of steel, corrosion resistant
44		:	strong to withstand at least 2 times the total weight of the extinguisher.
45			
46			
47			
48			
49 REFERENCE DOCUMENTS			
50	a)	VSP-NIPI-TYP-TS-SA6-SP-01	
51			
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54 NOTES			
55	1. ITEM MARKED WITH "*", SHALL BE COMPLETED/CONFIRMED BY VENDOR.		
56			



TYPICAL ENGINEERING DOCUMENTATION

VSP-NIPI-TYP-TS-SA6-DS-01

DATASHEET FOR FIRE HYDRANTS

REV. 1 Page 14/29

Tag No. :	* / *		Client :	VietsovPetro JV, VSP	
Service :	Fire fighting		Plant Location :	Vietnam	
P & ID No. :			Manufacturer :	-	
Calculation Ref. :	-		Purchase Order :	-	
No. of Units :			Datasheet No. :	DS-11 - DATASHEET FOR FIREHYDRANTS	
Service Description :	Fire fighting				
1 GENERAL					
2 TAG NUMBER	: *				
3 NO. OF UNITS	:				
4 SERVICE	: Fire fighting				
5 SPECIFICATION	: VSP-NIPI-TYP-TS-SA6-SP-01				
6					
7					
8					
9					
10 SITE CONDITION					
11 LOCATION	: Offshore				
12 EQUIPMENT LOCATION	: Outside				
13 AMBIENT AIR TEMPERATURE (MIN / MAX)	°C : 21 / 39				
14 RELATIVE HUMIDITY (MIN / MAX)	% : 44 / 100				
15 ATMOSPHERE	: Humid, Saliferous and Corrosive Marine environment				
16					
17 DESIGN DATA					
18					
19 Hydrant Detail: Manufacturer:	*				
20 Vendor Model:	*				
21 Type:	*				
22 Weight:	*				
23 Approval Authority:	*				
24 Dimentions	*				
25 Inlet:	1				
26 Outlet:	1				
27					
28 Material:	Bronze/copper alloy				
29					
30 Technical Data: Working Pressure	0.7 Mpa.				
31 Design Pressure:	min. 1.2 Mpa.				
32 Design Flow:	*				
33 Inlet (Connection to Fire Main):	Flange, 2", 150# FF, ANSI B16.5				
34 Isolation Valve:	Size 2" (DN 50mm)				
35 Outlet:	Quick Release Coupling "Bogdanov" type, DN 50mm				
36					
37					
38					
39 Accessories:	Plugs, chain & wrench; Opposite flange 2", 150# RF, WN, Cu-Ni 90/10, ANSI B16.5 c/w stud bolts & nuts, gasket				
40 Coupling Material:	Bronze/copper alloy				
41					
42 Color/Marking: Color:	Red epoxy				
43 Markings:	Manufacturer's name or trade mark				
44	Year of manufacture				
45	Purchaser's name				
46					
47					
48 REFERENCE DOCUMENTS					
49 a) VSP-NIPI-TYP-TS-SA6-SP-01					
50					
51 NOTES					
52	1. ITEM MARKED WITH " * ", SHALL BE COMPLETED/CONFIRMED BY VENDOR.				
53					



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TYPICAL ENGINEERING DOCUMENTATION
DATASHEET FOR FIRE HYDRANT CABINET

VSP-NIPI-TYP-TS-SA6-DS-01

REV. 1 Page 15/29

Tag No. : * / *		Client : VietsovPetro JV, VSP	
Service : Fire fighting		Plant Location : Vietnam	
P & ID No. :		Manufacturer : -	
Calculation Ref. : -		Purchase Order : -	
No. of Units :		Datasheet No. : DS-12 - DATASHEET FOR FIRE HYDRANT CABINET	
Service Description : Fire fighting			
1 GENERAL			
2	TAG NUMBER	:	*
3	NO. OF UNITS	:	
4	SERVICE	:	Fire fighting
5	SPECIFICATION	:	VSP-NIPI-TYP-TS-SA6-SP-01
6			
7			
8			
9			
10 SITE CONDITION			
11	LOCATION	:	Offshore
12	EQUIPMENT LOCATION	:	Outside
13	AMBIENT AIR TEMPERATURE (MIN / MAX)	°C	: 21 / 39
14	RELATIVE HUMIDITY (MIN / MAX)	%	: 44 / 100
15	ATMOSPHERE	:	Humid, Saliferous and Corrosive Marine environment
16			
17			
18 DESIGN DATA			
19			
20	Tag name:		*
21	General:	Hose Reel, Nozzle will be contained in the weather proof, fire retardent Cabinet	
22	Material:	Stainless steel or GRP	
23			
24	Dimension:	L x W x H x thickness (min.3 mm for stainless steel or min. 5 mm for GRP)	
25	Colour:	Fire Red	
26			
27	Description of Cabinet:	Shall be painted with the words "HYDRANT CABINET" and Vietsovpetro's logo;	
28		The following items will be installed in the cabinet:	
29		01 Fire-hose Reel	
30		01 Hose jet Nozzle c/w isolated valve	
31			
32	Technical Data:		
33	Hose Reel: Diameter:	2" (DN 50mm)	
34	Length:	20 meter	
35	Design Pressure:	min. 1.2 Mpa.	
36	Broken Testing Pressure	to 2.5 Mpa.	
37	Design Flow:	*	
38	Connection to Hydrant:	Quick Coupling with "Bogdanov" type DN 50mm	
39	Material:	Rubberized, made of synthetic fibers, non collapsible	
40		Resistant oil and marine environment	
41			
42	Nozzle: Design Flow:	Working water flow adjusted as 4 level (l / min): from 100 to 460 or greater	
43	Connection to hose reel:	Quick Coupling with "Bogdanov" type	
44	Jet length:	Min. 12m @ 0.35 MPa	
45		38m wide fog	
46	Material:	Bronze or Stanless steel alloy, not oxidized by the marine environment.	
47			
48			
49			
50 NOTES			
51	1. ITEM MARKED WITH "*", SHALL BE COMPLETED/CONFIRMED BY VENDOR.		
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TYPICAL ENGINEERING DOCUMENTATION

VSP-NIPI-TYP-TS-SA6-DS-01

DATASHEET FOR ELECTRIC SHOCK RESCUE KIT (HV/LV)

REV. 1 Page 17/29

Tag No. : * / *	Client : VietsovPetro JV, VSP
Service : Safety	Plant Location : Vietnam
P & ID No. :	Manufacturer : -
Calculation Ref. : -	Purchase Order : -

No. of Units : :	Datasheet No. : DS-14 - DATASHEET FOR ELECTRIC SHOCK RESCUE KIT (HVLV)
Service Description : Safety	

1	GENERAL
2	TAG NUMBER : *
3	NO. OF UNITS :
4	SERVICE : Safety
5	DESIGN CODE :
6	SPECIFICATION : VSP-NIPI-TYP-TS-SA6-SP-01
7	TYPE TEST CERTIFICATE : Type Approved from recognised laboratory for the voltage
8	
9	
10	SITE CONDITION
11	LOCATION : Offshore
12	EQUIPMENT LOCATION : Inside Transformer room
13	AMBIENT AIR TEMPERATURE (MIN / MAX) °C : 21 / 39
14	RELATIVE HUMIDITY (MIN / MAX) % : 44 / 100
15	ATMOSPHERE : Humid, Saliferous and Corrosive Marine environment
16	
17	DESIGN DATA
18	
19	CONTENTS
20	: 1 x Insulated Safety Rescue Hook (approx. 1000 mm length x 25 mm ID with wall mounting accessories) – Boddington's or equivalent
21	: 1 x Line Tester
22	: 1 x Pair of Rubber Boots (EN 345, BS or other approved equivalent standard)
23	: 1 x Pair of Electrical Insulated Gloves (EN 60903, BS or other approved equivalent standard)
24	: 1 x Insulated Cable cutter ≤ 1000V;
25	: 1 x Static mats (Boddingtons or equivalent)
26	: 1 x CPR mask and Instructions for CPR
27	:
28	VOLTAGE : Suitable for the highest voltage available on platform, i.e. 22kV.
29	
30	
31	CABINET : Shall be supplied as a fully assembled factory tested unit
32	: Shall be fully enclosed and weather proof protected
33	: Shall be constructed from UV resistant GRP and shall have drain holes
34	: Shall be painted orange to code 05E51 of BS 4800
35	: Shall be made of fire retardant material
36	: Fitting shall be of stainless steel
37	: Shall be suitable for installation outdoors in a marine environment
38	: Shall be suitable for bolting to the deck or fixing with wall/floor
39	: Shall have a top opening door, self latching in the open position
40	: Lifting arrangement shall be provided for all cabinets
41	: Shall be painted with the words "ELECTRIC SHOCK RESCUE KITS" and Vietsovpetro's logo;
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51	REFERENCE DOCUMENTS
52	a) VSP-NIPI-TYP-TS-SA6-SP-01
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56	NOTES
57	1. ITEM MARKED WITH "*", SHALL BE COMPLETED/CONFIRMED BY VENDOR.
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TYPICAL ENGINEERING DOCUMENTATION

VSP-NIPI-TYP-TS-SA6-DS-01

DATASHEET FOR SAFETY SIGNS

REV.

1

Page

18/29

Tag No. : * / *	Client : VietsovPetro JV, VSP
Service : Safety	Plant Location : Vietnam
P & ID No. :	Manufacturer : -
Calculation Ref. : -	Purchase Order : -

No. of Units : Per below	Datasheet No. : DS-15 - DATASHEET FOR SAFETY SIGNS
Service Description : Safety	

1 GENERAL
2 TAG NUMBER : *
3 NO. OF UNITS : Per below
4 SERVICE : Safety
5 DESIGN CODE : BS 5378, BS 5499 , IMO
6 :
7 SPECIFICATION : VSP-NIPI-TYP-TS-SA6-SP-01
8 SITE CONDITION
9 LOCATION : Offshore
10 EQUIPMENT LOCATION : Topside
11 AMBIENT AIR TEMPERATURE (MIN / MAX) °C : 21 / 39
12 RELATIVE HUMIDITY (MIN / MAX) % : 44 / 100
13 ATMOSPHERE : Humid, Saliferous and Corrosive Marine environment
14

15	CLASSIFICATION	DESCRIPTION	SIZE	REMARK
16				
17				
18	Luminous / Reflective	Exit indicator	280mmx110mm	
19	Luminous / Reflective	Inflatable life raft	280mmx360mm	
20	Luminous / Reflective	Lifebuoy with line and self-igniting light	280mmx280mm	
21	Luminous / Reflective	Lifebuoy with self-igniting smoked signal and light	280mmx280mm	
22	Luminous / Reflective	Lifebuoy with self-igniting light	280mmx280mm	
23	Luminous / Reflective	Life jacket	280mmx280mm	
24	Luminous / Reflective	Embarkation are	280mmx280mm	
25	Luminous / Reflective	"Helideck"	280mmx110mm	
26	Luminous / Reflective	Movement direction	280mmx280mm	
27	Luminous / Reflective	Move direction	280mmx280mm	
28	Luminous / Reflective	Pushed	280mmx280mm	
29	Luminous / Reflective	Eyewash station	280mmx280mm	
30	Luminous / Reflective	Put safety helmet on!	ø280mm	
31	Luminous / Reflective	Put protective ear heads on!	ø280mm	
32	Luminous / Reflective	Fire extinguisher	280mmx280mm	
33	Luminous / Reflective	Fire plan	280mmx280mm	
34				
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59 NOTES
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TYPICAL ENGINEERING DOCUMENTATION

VSP-NIPI-TYP-TS-SA6-DS-01

DATASHEET FOR SAFETY SIGNS

REV.

1

Page

19/29

Tag No. : * / *	Client : VietsovPetro JV, VSP
Service : Safety	Plant Location : Vietnam
P & ID No. :	Manufacturer : -
Calculation Ref. : -	Purchase Order : -
No. of Units : Per below	Datasheet No. : DS-15 (Contd.)
Service Description : Safety	

1				
2				
3	CLASSIFICATION	DESCRIPTION	SIZE	REMARK
4				
5	Luminous / Reflective	Automatic switch (start) of equipment	360*	
6	Luminous / Reflective	Fire hazard inflammables	360*	
7	Luminous / Reflective	Danger. Cargo drop	360*	
8	Luminous / Reflective	Electric shock hazard	360*	
9	Luminous / Reflective	No smoking	280*	
10	Luminous / Reflective	Marking stripe. Yellow-green color -- width 30 mm	200mmx200mm	
11				
12				
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14				
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17				

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20 MARKINGS : All Safety signs shall be in English and Vietnamese

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57 NOTES

58 1. ITEM MARKED WITH "*" Length of triangle side

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TYPICAL ENGINEERING DOCUMENTATION

VSP-NIPI-TYP-TS-SA6-DS-01

DATASHEET FOR LIFEBOUY AND ACCESSORIES

REV. 1 Page 20/29

Tag No. :	* / *	Client :	VietsovPetro JV, VSP
Service :	Survival	Plant Location :	Vietnam
P & ID No. :		Manufacturer :	-
Calculation Ref. :	-	Purchase Order :	-
No. of Units :		Datasheet No. :	DS-16 - DATASHEET FOR LIFEBOUY AND ACCESSORIES
Service Description :	Safety		
1 GENERAL			
2 TAG NUMBER	:	*	
3 NO. OF UNITS	:		
4 SERVICE	:	Safety	
5 DESIGN CODE	:	SOLAS, LSA Code	
6 SPECIFICATION	:	VSP-NIPI-TYP-TS-SA6-SP-01	
7 TYPE TEST CERTIFICATE	:	SOLAS, LSA Code	
8			
9			
10 SITE CONDITION			
11 LOCATION	:	Offshore	
12 EQUIPMENT LOCATION	:	Topside	
13 AMBIENT AIR TEMPERATURE (MIN / MAX)	°C	: 21 / 39	
14 RELATIVE HUMIDITY (MIN / MAX)	%	: 62 / 98	
15 DEGREE OF PROTECTION	:	IP 68 for Self activating light	
16 ATMOSPHERE	:	Humid, Saliferous and Corrosive Marine environment	
17			
18 DESIGN DATA			
19 TYPE	:	Lifebuoy and accessories (self-igniting light, self-igniting smoke and buoyant line)	
20 DESIGN CODE/APPROVAL	:	SOLAS, IMO LSA CODE	
21 DETAILS	:	a. The lifebuoys shall be in accordance with SOLAS. Shall be injection moulded with polythene outer skin	
22	:	and polyurethane foam filled. Lifebuoy shall be 762 mm (30 inch) size	
23	:	b. Maximum stowage height of 19 m and shall have a minimum buoyancy of 14.5 kg	
24	:	c. Shall be fitted with grab lines made of approved synthetic rope, not less than 9.5mm in diameter and not less than	
25	:	4 times of the outside diameter of the body of the buoy in length. The grab line shall be secured at 4 equidistance	
26	:	points around the circumference of the buoy to form four equal loops;	
27	:	d. The buoyant line (painter) of length equal to a minimum of 38 m. The buoyant line shall be stored separately	
28	:	(not attached to lifebuoy) in the lifebuoy bracket;	
29	:	e. Shall be marked with four equi-distant inset 50 mm width channels for fitting and protecting retro-reflective tape	
30	:	f. The life buoys self-igniting light, self-igniting smoke shall as per SOLAS	
31	:	h. The batteries for each light shall be included.	
32			
33 LAUNCH HEIGHT	mtrs	: The lifebuoy shall be certified for minimum 19 meters launch height	
34 MATERIAL	:	Lifebuoy shall be Polythene skinned polyurethane foam	
35 FIRE RESISTANCE	:	Shall be Fire Resistant	
36 OUTER DIAMETER	mm	: 800 max.	
37 INNER DIAMETER	mm	: 400 min.	
38 CAPACITY	:	Shall be able to sustain the weight of fully grown adult	
39 COLOR	:	Highly visible International orange colour	
40 BRACKET	:	Shall be provided	
41	:	A galvanised steel bracket suitable for handrail mounting shall be provided for each lifebuoy	
42 MARKING	:	Platform name should be marked on lifebuoys relevant to their locations.	
43	:	Shall have a permanently fixed and durable nameplate detailing the cabinet contents and operating instructions.	
44	:	The bracket shall be stenciled with "LIFE BUOY" and Vietsovpetro's logo;	
45 TESTING	:	Shall be tested as per all the tests specified in "IMO MSC 81(70) REVISED RECOMMENDATION	
46	:	ON TESTING OF LIFE-SAVING APPLIANCES. THE MARITIME SAFETY COMMITTEE".	
47 REFERENCE DOCUMENTS			
48		VSP-NIPI-TYP-TS-SA6-SP-01	
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52 NOTES			
53		1. ITEM MARKED WITH "*", SHALL BE COMPLETED/CONFIRMED BY VENDOR.	
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TYPICAL ENGINEERING DOCUMENTATION

VSP-NIPI-TYP-TS-SA6-DS-01

DATASHEET FOR LIFE JACKET

REV. 1 Page 21/29

Tag No. :	* / *	Client :	VietsovPetro JV, VSP
Service :	Survival	Plant Location :	Vietnam
P & ID No. :		Manufacturer :	-
Calculation Ref. :	-	Purchase Order :	-
No. of Units :		Datasheet No. :	DS-17 - DATASHEET FOR LIFE JACKET
Service Description :	Safety		
1 GENERAL			
2 TAG NUMBER	:	*	
3 NO. OF UNITS	:		
4 SERVICE	:	Safety	
5 DESIGN CODE	:	SOLAS, LSA Code	
6 SPECIFICATION	:	VSP-NIPI-TYP-TS-SA6-SP-01	
7 TYPE TEST CERTIFICATE	:	SOLAS, LSA Code	
8			
9			
10 SITE CONDITION			
11 LOCATION	:	Offshore	
12 EQUIPMENT LOCATION	:	Topside	
13 AMBIENT AIR TEMPERATURE (MIN / MAX)	°C	: 21 / 39	
14 RELATIVE HUMIDITY (MIN / MAX)	%	: 62 / 98	
15 DEGREE OF PROTECTION	:	IP 68 for Self activating light	
16 ATMOSPHERE	:	Humid, Saliferous and Corrosive Marine environment	
17			
18 DESIGN DATA			
19 TYPE	:	LIFE JACKET	
20 DESIGN CODE/APPROVAL	:	SOLAS, IMO, LSA Code	
21 DETAILS	:	Adult size	
22	:	Inherently buoyant with foam type.	
23			
24 MATERIAL	:	Fire resistant, heavy duty marine grade fabric, synthetic webbing and extra heavy SS type fitting.	
25 DIMENSIONS	mm	:	*
26 BUOYANCEY	:	Minimum buoyancy for adult man (16 kg in fresh water for 24 hours);	
27 ACCESSORIES	:	Non Clog Whistle and lanyard	
28	:	Lifting straps, Oral inflation system, Crotch stap	
29	:	Reflective strips	
30	:	Seawater illuminating light. The light shall ignite on immersion in water	
31	:	Spray hood and grab loop.	
32 COLOR	:	Highly visible (yellow or international orange color).	
33			
34 MARKING	:	"LIFE JACKET" and Vietsovpetro's logo in Black lettering on the Container.	
35	:	Type and size and printing on the lifebuoy shall fulfill the requirement of SOLAS Consolidated Edition 2001.	
36 CONTAINER DETAILS	:	Capacity - Suitable for containing 10 nos. life jackets per container	
37	:	Container shall be FRP / GRP with thickness min. 5mm or Stainless Steel with thickness min.3 mm.	
38	:	All enclosed hardware such as hinges, latches, handles and bolting shall be of 316 SS	
39	:	Adequate bottom and back frames shall be provided to permit deck or bulkhead mounting	
40	:	Donning instructions for lifejackets Shall be permanently attached to The inside of door of life jacket cabinet	
41	:	by cabinets; that enables them at a height to be easily read by a person standing infront of the cabinet.	
42	:	Instructions shall be in English and Vietnamese language	
43	:	Ventilation and drainage facilities to be provided for container with care to avoid ingress of sea/rain water.	
44 TESTING	:	Shall be tested as per all the tests specified in "IMO MSC 81(70) REVISED RECOMMENDATION	
45	:	ON TESTING OF LIFE-SAVING APPLIANCES. THE MARITIME SAFETY COMMITTEE".	
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52 REFERENCE DOCUMENTS			
53 a)	VSP-NIPI-TYP-TS-SA6-SP-01		
54			
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57 NOTES			
58	1. ITEM MARKED WITH " * ", SHALL BE COMPLETED/CONFIRMED BY VENDOR.		
59			





TYPICAL ENGINEERING DOCUMENTATION
DATASHEET FOR QUICK DESCENT DEVICE

VSP-NIPI-TYP-TS-SA6-DS-01

REV. 1 Page 22/29

Tag No. : * / *	Client : VietsovPetro JV, VSP
Service : Survival	Plant Location : Vietnam
P & ID No. :	Manufacturer : -
Calculation Ref. : -	Purchase Order : -

No. of Units :	Datasheet No. : DS-18 - DATASHEET FOR QUICK DESCENT DEVICE
Service Description : Safety	

1 GENERAL	
2 TAG NUMBER	: *
3 NO. OF UNITS	:
4 SERVICE	: Safety
5 DESIGN CODE	: SOLAS, LSA Code
6 SPECIFICATION	: VSP-NIPI-TYP-TS-SA6-SP-01
7 TYPE TEST CERTIFICATE	: IMO / OSHA/ ANSI / EN or equivalent
8	
9	

10 SITE CONDITION			
11 LOCATION	: Offshore	DIMENSIONS	: VTA
12 EQUIPMENT LOCATION	: Inside and outside room	WEIGHT	: VTA
13 AMBIENT AIR TEMPERATURE (MIN / MAX)	°C : 21 / 39	SIZE	: VTA
14 RELATIVE HUMIDITY (MIN / MAX)	% : 62 / 98		
15 DEGREE OF PROTECTION	:		
16 ATMOSPHERE	: Salt Laden and Marine environment		
17	:		

18 DESIGN DATA	
19	
20 Standard:	- International Standard OSHA/ ANSI/ EN or equivalent
21	
22	
23 Design Details:	- ** Descending device provided with harness, containment bag, descender unit, high strength tape, wire strop, and a quick release mechanism.
24	
25	- Sufficient length of at least 30m.
26	- Automatically adjust to the user's body weight and lowers the evacuee at a controlled rate of 6ft/s
27	- Wire rope constructed from stainless steel.
28	
29	
30 Container Details:	- The cabinets shall be fully enclosed and weather proof protected. The cabinets shall be constructed from UV resistant material
31	
32	- Fibreglass containers, accessible by full length, hinged doors
33	- All enclosed hardware such as hinges, latches, handles and bolting shall be of 316 SS
34	- Adequate bottom and back frames shall be provided to permit deck or bulkhead mounting
35	- Instructions to use descending device shall be permanently attached to the inside of door of descending device container that enables them at a height to be easily read by a person standing in front of the cabinet.
36	
37	- Necessary instructions shall be provided in English and Vietnamese language
38	- Ventilation and drainage facilities to be provided for container with care to avoid ingress of sea/rain water.
39	- Every 10 pcs. of Quick Descending Device to be stored in 01 cabinet near Life rafts and 02 pcs. to be stored in crane cabin;
40	
41	- The cabinets shall be stenciled with "QUICK DESCENDING DEVICE" and Vietsovpetro's logo;
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55 REFERENCE DOCUMENTS	
56 a)	VSP-NIPI-TYP-TS-SA6-SP-01
57 NOTES	
58	1. ITEM MARKED WITH "**", SHALL BE COMPLETED/CONFIRMED BY VENDOR.
59	

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TYPICAL ENGINEERING DOCUMENTATION

VSP-NIPI-TYP-TS-SA6-DS-01

DATASHEET FOR BASKET TYPE SKETCHER

REV. 1 Page 23/29

Tag No. :	*/*	Client :	VietsovPetro JV, VSP
Service :	Survival	Plant Location :	Vietnam
P & ID No. :		Manufacturer :	-
Calculation Ref. :	-	Purchase Order :	-

No. of Units :		Datasheet No. :	DS-19 - DATASHEET FOR BASKET TYPE SKETCHER
Service Description :	Safety		

1	GENERAL	
2	TAG NUMBER	: *
3	NO. OF UNITS	:
4	SERVICE	: Safety
5	SPECIFICATION	: VSP-NIPI-TYP-TS-SA6-SP-01
6		
7		
8		
9		

10	SITE CONDITION	
11	LOCATION	: Offshore
12	EQUIPMENT LOCATION	: Inside room
13	AMBIENT AIR TEMPERATURE (MIN / MAX)	°C : 21 / 39
14	RELATIVE HUMIDITY (MIN / MAX)	% : 62 / 98
15	ATMOSPHERE	: Humid, Saliferous and Corrosive Marine environment
16		
17		

18	DESIGN DATA	
19	TYPE	: Basket Stretcher
20	DIMENSIONS	mm : 2160 x 610 x 250 mm
21	LOAD CAPACITY	Kgs : 272
22	LIFTING SLING LOAD CAPACITY	Kgs : 230 per sling
23	CONSTRUCTION	: a. Construction, Materials in accordance with the recognised international standards
24		: b. Constructed from a polyethylene shell and a tubular aluminium frame
25		: c. Shall be designed for use with a four point lifting sling
26		: d. Shall be designed for lifts in a horizontal and vertical position
27		: e. Shall be provided with restraint straps
28		: f. Shall be provided with compatible backboard
29		: g. Appropriate pick-up bridle or four-point lifting sling
30		: h. Shall include adjustable foot rest for vertical lifting
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55	REFERENCE DOCUMENTS	
56	a) VSP-NIPI-TYP-TS-SA6-SP-01	

57	NOTES	
58	1. ITEM MARKED WITH "*", SHALL BE COMPLETED/CONFIRMED BY VENDOR.	
59		



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TYPICAL ENGINEERING DOCUMENTATION

VSP-NIPI-TYP-TS-SA6-DS-01

DATASHEET FOR LIFERAFTS

REV. 1 Page 24/29

Tag No. :	* / *	Client :	VietsovPetro JV, VSP
Service :	Survival	Plant Location :	Vietnam
P & ID No. :		Manufacturer :	-
Calculation Ref. :	-	Purchase Order :	-
No. of Units :		Datasheet No. :	DS-20 - DATASHEET FOR LIFERAFTS
Service Description :	Safety		
1 GENERAL			
2 TAG NUMBER	:	*	
3 NO. OF UNITS	:		
4 SERVICE	:	Safety	
5 DESIGN CODE	:	SOLAS, LSA Code	
6 SPECIFICATION	:	VSP-NIPI-TYP-TS-SA6-SP-01	
7 TYPE TEST CERTIFICATE	:	SOLAS, LSA Code	
8			
9			
10 SITE CONDITION			
11 LOCATION	:	Offshore	DIMENSIONS : VTA
12 EQUIPMENT LOCATION	:	Topside	WEIGHT : VTA
13 AMBIENT AIR TEMPERATURE (MIN / MAX)	°C :	21 / 39	SIZE : VTA
14 RELATIVE HUMIDITY (MIN / MAX)	% :	62 / 98	
15 ATMOSPHERE	:	Humid, Saliferous and Corrosive Marine environment	
16 DESIGN DATA			
17 TYPE	:	Self Righting type Liferaft	
18 CAPACITY	:	10 persons each	
19 DETAILS	:	Self inflating and kick-over type complete with a split fibre glass UV protected capsule, storage cradle, tilt table	
20	:	painter line for inflating. Shall be fitted with an efficient painter of length equal to a minimum of 30 meters;	
21	:	Liferafts shall be of the encapsulated in rigid container and shall automatically inflate when launched.	
22	:	Buoyancy chambers (comprising superimposed and independent airtight material compartments) shall be	
23	:	manufactured from a that is highly abrasive resistant and impervious to corrosion in a humid marine environment.	
24	:	The liferafts shall have rightening strap across the underside of the floor to assist a single survivor in rightening the	
25	:	life raft should it be inverted.	
26	:	The liferaft shall be easily climbed into by survivor fully clothed and wearing a lifejacket.	
27	:	Container should be pushed overboard through a gap in the rail, off a specially designed outboard mounted support ramp.	
28	:	Canopy and Container of each liferaft shall be marked in contrasting color	
29	:	The liferafts shall have be fitted with sufficient strength towing arrangements.	
30 LAUNCH HEIGHT	:	The liferaft shall be certified for minimum 30 meters launch height	
31 CRADLE	:	Support cradles for life rafts shall be made of galvanized steel.	
32	:	The support cradles shall be suitable for welding or bolting to the deck.	
33	:	Support cradles shall be supplied so as to enable single person deployment	
34 CONTENTS OF SOLAS PACK A	:	As per LSA Code, SOLAS but not limit as below:	
35	:	1 waterproof flashlight (with spare batteries and bulb)	
36	:	18 liters water (1,5 liter per person) / 2 drinking cup	
37	:	1 bailer (plastic) / 1 life preserver or rescue quilt	
38	:	1 painter (108' - 3/8")	
39	:	1 first aid kit in water proof case	
40	:	2 distress signals (floating orange smoke) / 6 distress signals (red parachute flare)	
41	:	1 whistle signal / 1 mirror signal / 1 set fishing tackle	
42	:	1 safety knife / 1 toolkit (repair)	
43	:	1 bellows (emergency inflation of life raft) 2 sea anchors	
44	:	1 lifeline (becketted inside and outside)	
45	:	12 motion sickness bags / 25 sickness tablets / 2 paddles; 2 sponges	
46	:	1 life saving signal instruction sheets	
47	:	1 instruction sheet on how to survive (water proof) / instruction for immediat action (water proof)	
48	:	food ration	
49	:	can opener	
50	:	6 red head flares	
51 MARKINGS	:	The platform identification name shall be marked on each life raft, in Black lettering	
52	:	Type and size and printing on the life raft shall fulfill the requirement of SOLAS Consolidated Edition 2001.	
53 TESTING	:	Shall be tested as per all the tests specified in "IMO MSC 81(70) REVISED RECOMMENDATION	
54	:	ON TESTING OF LIFE-SAVING APPLIANCES. THE MARITIME SAFETY COMMITTEE".	
55	:	Life raft shall be manufacturers' product, which is easily and not expensively serviced	
56	:	by local services companies annually (at least 02 company services in the South of Việt Nam).	
57 REFERENCE DOCUMENTS			
58 a)	:	VSP-NIPI-TYP-TS-SA6-SP-01	
59 NOTES			
60	:	1. ITEM MARKED WITH " * ", SHALL BE COMPLETED/CONFIRMED BY VENDOR.	

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TYPICAL ENGINEERING DOCUMENTATION

VSP-NIPI-TYP-TS-SA6-DS-01

DATASHEET FOR PORTABLE EXTINGUISHING CABINET

REV. 1 Page 25/29

Tag No. :	*/*	Client :	VietsovPetro JV, VSP
Service :	Fire fighting	Plant Location :	Vietnam
P & ID No. :		Manufacturer :	-
Calculation Ref. :	-	Purchase Order :	-
No. of Units :		Datasheet No. :	DS-21 - DATASHEET FOR PORTABLE EXTINGUISHING CABINET
Service Description :	Safety		
1 GENERAL			
2 TAG NUMBER	:	*	
3 NO. OF UNITS	:		
4 SERVICE	:	Safety	
5 SPECIFICATION	:	VSP-NIPI-TYP-TS-SA6-SP-01	
6			
7			
8			
9			
10 SITE CONDITION			
11 LOCATION	:	Offshore	
12 EQUIPMENT LOCATION	:	Topside	
13 AMBIENT AIR TEMPERATURE (MIN / MAX)	°C	: 21 / 39	
14 RELATIVE HUMIDITY (MIN / MAX)	%	: 44 / 100	
15 DEGREE OF PROTECTION	:		
16 ATMOSPHERE	:	Humid, Saliferous and Corrosive Marine environment	
17			
18 DESIGN DATA			
19 GENERAL	:	The external extinguishers shall be placed in cabinets;	
20			
21 MATERIAL	:	Cabinets shall be FRP / GRP with thickness min.3 mm at least SS or with thickness min. 5mm with composite material, with vision panel and single lead door; GRP with thickness min. 5mm or Stainless Steel with thickness min.3 mm	
22			
23			
24			
25 COLOUR	:	RED	
26			
27 DESCRIPTION OF CABINET	:	The following Portable Extinguishers shall be installed in the cabinet:	
28		- Cabinet for 2 nos.: One (1) 12kg Dry Chemical Extinguisher & One (1) 9 liters Foam Extinguisher	
29		or Two (2) 12kg Dry Chemical Extinguisher or Two (2) 5kg CO2 extinguishers	
30		- The cabinets should incorporate provision for both drainage and ventilation and minimize the ingress of sea and rainwater;	
31		- Doors shall open easily and give free access to the contents without straining the hinges or catches. Door catches shall	
32		be positive, non-lockable and made from stainless steel. Doors shall be provided with a simple method of securing in the	
33		closed position, to withstand the wind conditions of a cyclone. Hinges, hinge pins, fixing nuts and bolts shall	
34		be stainless steel.	
35		- Cabinets to be painted red with the word "FIRE" and Vietsovpetro's logo;	
36		- Cabinet shall be of adequate strength.	
37			
38			
39 DIMENSION	:	Height 850 x wide 500 x horizontal 250 mm; *	
40			
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			
51			
52			
53			
54			
55 REFERENCE DOCUMENTS			
56 a)	VSP-NIPI-TYP-TS-SA6-SP-01		
57			
58			
59 NOTES			
60	1. ITEM MARKED WITH "*", SHALL BE COMPLETED/CONFIRMED BY VENDOR.		
61			



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TYPICAL ENGINEERING DOCUMENTATION

VSP-NIPI-TYP-TS-SA6-DS-01

DATASHEET FOR HELIDECK NETTING

REV. 1 Page 26/29

Tag No. :	* / *	Client :	VietsovPetro JV, VSP
Service :	Safety	Plant Location :	Vietnam
P & ID No. :		Manufacturer :	-
Calculation Ref. :	-	Purchase Order :	-

No. of Units :		Datasheet No. :	DS-22 - DATASHEET FOR HELIDECK NETTING
Service Description :	Safety		

1 GENERAL

2 TAG NUMBER	:	*
3 NO. OF UNITS	:	
4 SERVICE	:	Safety
5 SPECIFICATION	:	VSP-NIPI-TYP-TS-SA6-SP-01
6 DESIGN CODE	:	CAP 437; ICAO
7		
8		
9		

10 SITE CONDITION

11 LOCATION	:	Offshore
12 EQUIPMENT LOCATION	:	Helideck
13 AMBIENT AIR TEMPERATURE (MIN / MAX)	°C	: 21 / 39
14 RELATIVE HUMIDITY (MIN / MAX)	%	: 62 / 98
15 ATMOSPHERE	:	Humid, Saliferous and Corrosive Marine environment
16		

17 DESIGN DATA

18		
19	- In general, deck netting used offshore should be durable and resistant to tropical marine environment including ultraviolet radiation,	
20	high tenacity, high friction, good color fastness to tropical marine environment	
21	- Production is made from weather resistant UV-protected polyester and jute yarn tape construction.	
22	- In addition to the material is electrostatically safe.	
23	- In landing nets, the nets should include robust tension straps and ratchets that ensure balanced tightness and invariable shape.	
24	- Dimension of Deck Netting: 15 x 15 (m).	
25	- The mesh size of delivered net will not exceed the regulated maximum of 200 mm	
26	- The strength of rope/net is about ≥ 20 kN	
27	- Tape dimensions: 38 x 5 mm (width / thickness) for reference.	
28	Scope of supply consist but not limit of:	
29	<i>Actual net;</i>	
30	<i>44 pcs of tap compatible 7m, length and attached, 3ton/35mm wide securing straps readily attached to net perimeter.</i>	
31	<i>44 pcs of Handle operated ratchet with loop and shackle (1,25 ton ratchet, 3 ton joining loop & 2T shackle),</i>	
32	<i>Stainless steel ratchet, galvanized green pin shackle;</i>	
33	Documentation included:	
34	<i>Type Approval Certificate;</i>	
35	<i>Product Assessment Certificate;</i>	
36	<i>Handbook;</i>	
37	<i>Delivery Technical Certificate;</i>	
38	<i>Certificate of origin and other additional materials on request against possible</i>	
39	<i>additional cost.</i>	
40	<i>Packed into a textile carrying bag with carrying loops.</i>	
41	<i>Fastening ratchets are delivered as options if ordered.</i>	
42		
43		
44		
45		
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47		
48		
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51		
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53		
54		
55		

56 REFERENCE DOCUMENTS

57 a)	CAP 437; ICAO
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58 NOTES

59	1. ITEM MARKED WITH " * ", SHALL BE COMPLETED/CONFIRMED BY VENDOR.
60	





TYPICAL ENGINEERING DOCUMENTATION

VSP-NIPI-TYP-TS-SA6-DS-01

DATASHEET FOR EYEWASH STATION PORTABLE

REV. 1 Page 27/29

Tag No. :	* / *	Client :	VietsovPetro JV, VSP
Service :	Safety	Plant Location :	Vietnam
P & ID No. :		Manufacturer :	-
Calculation Ref. :	-	Purchase Order :	-
No. of Units :		Datasheet No. :	DS-23 - DATASHEET FOR EYE WASH STATION PORTABLE
Service Description :	Safety		
1 GENERAL			
2 TAG NUMBER	:	*	
3 NO. OF UNITS	:		
4 SERVICE	:	Safety	
5 DESIGN CODE	:	ANSI Z 358.1	
6 SPECIFICATION	:	VSP-NIPI-TYP-TS-SA6-SP-01	
7			
8			
9			
10 SITE CONDITION			
11 LOCATION	:	Offshore	
12 EQUIPMENT LOCATION	:	Inside UPS/Battery room	
13 AMBIENT AIR TEMPERATURE (MIN / MAX)	°C	: 21 / 39	
14 RELATIVE HUMIDITY (MIN / MAX)	%	: 62 / 98	
15 ATMOSPHERE	:	Humid, Saliferous and Corrosive Marine environment	
16			
17 DESIGN DATA			
18			
19 GENERAL	Manufacturer:	*	
20	Vendor Model:	*	
21	Material:	Stainless Steel Pressurized Tank	
22	Capacity	10-15 Gallon	
23	Dimensions:	*	
24	Quantity:	1 set	
25			
26 STANDARD	Compliance with ANSI Standard and Regulations (ANSI Z358.1)		
27			
28 DESCRIPTION	Standing installation		
29	Comprehensive instruction or diagrams of the usage is attached		
30	The dust cover should completely covers the receptro		
31	* Vendor to provide nessecary informations on the above mentioned model and filled in datasheets where applicable		
32			
33 Accessories / Features	Hazard:	Chemical	
34	Material:	Stainless steel	
35	Treadle or push plate operated:	*	
36	Inbuilt flow relulator:	*	
37	Inbuilt pressure regulator:	*	
38	Eyewash Flow Rate (GPM):	0.65	
39	Operating pressure (barg):	*	
40			
41			
42			
43			
44			
45			
46			
47 REFERENCE DOCUMENTS			
48 a)	VSP-NIPI-TYP-TS-SA6-SP-01		
49			
50			
51			
52 NOTES			
53	1. ITEM MARKED WITH "*", SHALL BE COMPLETED/CONFIRMED BY VENDOR.		
54			



TYPICAL ENGINEERING DOCUMENTATION
DATASHEET FOR FIEXD - EYEWASH STATION

VSP-NIPI-TYP-TS-SA6-DS-01

REV.	1	Page	28/29
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Tag No. :	* / *	Client :	VietsovPetro JV, VSP
Service :	Safety	Plant Location :	Vietnam
P & ID No. :		Manufacturer :	-
Calculation Ref. :	-	Purchase Order :	-

No. of Units :		Datasheet No. :	DS-24 - DATASHEET FOR EYE WASH STATION
Service Description :	Safety		

1	GENERAL		
2	TAG NUMBER	:	*
3	NO. OF UNITS	:	
4	SERVICE	:	Safety
5	DESIGN CODE	:	ANSI Z 358.1
6	SPECIFICATION	:	VSP-NIPI-TYP-TS-SA6-SP-01
7			
8			
9			

10	SITE CONDITION		
11	LOCATION	:	Offshore
12	EQUIPMENT LOCATION	:	Outside
13	AMBIENT AIR TEMPERATURE (MIN / MAX)	°C	: 21 / 39
14	RELATIVE HUMIDITY (MIN / MAX)	%	: 62 / 98
15	ATMOSPHERE	:	Humid, Saliferous and Corrosive Marine environment
16			

17	DESIGN DATA		
18			
19	GENERAL	Manufacturer:	*
20		Vendor Model:	*
21		Material:	*
22		Dimensions:	*
23		Quantity:	1 set
24			
25			

26	STANDARD	Compliance with ANSI Standard and Regulations (ANSI Z358.1)	
27			

28	DESCRIPTION	- Standing installation	
29		- Must provide a means of controlled flow to both eyes simultaneously at a velocity low enough to be non-injurious.	
30		- Shall include a stainless steel round bowl.	
31		- Eyewash head shall feature inverted directional laminar flow which achieves Zero Vertical Velocity supplied by	
32		an integral 3.7 gpm flow control, chrome-plated brass stay-open ball valve equipped with stainless steel ball and stem,	
33		and chrome-plated brass in-line 50 x 50 mesh water strainer.	
34		- Unit shall also include cast-aluminum chromate protected wall bracket, yellow plastic pop-off dust cover for eyewash head,	
35		universal sign, 1/2" NPT inlet, and 1-1/4" NPT waste.	
36		- Shall be designed so that the flushing flow remains on without the use of the operator's hands. The valve shall be simple	
37		to operate and go from "off" to "on" in one second or less.	
38			
39			
40			
41			

42		* Vendor to provide nessecary informations on the above mentioned model and filled in datasheets where applicable	
43			
44			
45			
46			

47	REFERENCE DOCUMENTS		
48	a)	VSP-NIPI-TYP-TS-SA6-SP-01	
49			
50			
51			

52	NOTES		
53	1. ITEM MARKED WITH " * ", SHALL BE COMPLETED/CONFIRMED BY VENDOR.		
54			





TYPICAL ENGINEERING DOCUMENTATION

VSP-NIPI-TYP-TS-SA6-DS-01

DATASHEET FOR SWING ROPE

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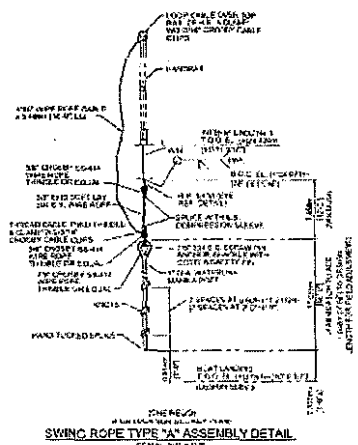
Tag No. :	* / *	Client :	VietsovPetro JV, VSP
Service :	Safety	Plant Location :	Vietnam
P & ID No. :		Manufacturer :	-
Calculation Ref. :	-	Purchase Order :	-
No. of Units :		Datasheet No. :	DS-25 - DATASHEET FOR SWING ROPE

1	GENERAL	
2	TAG NUMBER	: *
3	NO. OF UNITS	:
4	SERVICE	: Safety
5	SPECIFICATION	: VSP-NIPI-TYP-TS-SA6-SP-01
6	TEST CERTIFICATE	: Required
7		
8		
9		

10	SITE CONDITION	
11	LOCATION	: Offshore
12	EQUIPMENT LOCATION	: Boat Landing
13	AMBIENT AIR TEMPERATURE (MIN / MAX)	°C : 21 / 39
14	RELATIVE HUMIDITY (MIN / MAX)	% : 62 / 98
15	ATMOSPHERE	: Humid, Saliferous and Corrosive Marine environment
16		

17	DESIGN DATA	
18		
19	GENERAL	Manufacturer: *
20		Vendor Model: *
21		Material: Natural Fiber Mainila
22		Length: 15 m
23		Diameter: 0.75 inch

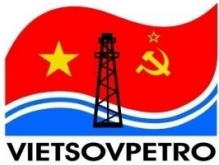
24	SCOPE OF SUPPLY:	
25		- Two swing ropes c/w 7/8" crosby SS-414 wire rope thimble or equal.
26		- Two soft lay SS wire ropes c/w accessories: 3/8" crosby SS-414 wire rope thimble or equal; splice with SS compression sleeve; thread cable thru thimble & clamp w/2-3/16" crosby cable clips; 3/8" crosby SS-414 wire rope thimble or equal; 7/8" 304 SS screw pin anchor shackle with cotter/safety pin.
27		- Two wire rope cables c/w thread cable thru thimble & clamp crosby cable clips and loop cable over top rail of hand rail & clamp crosby cable clips;



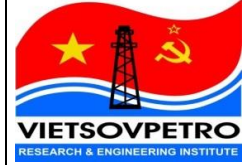
48	REFERENCE DOCUMENTS	
49	a)	VSP-NIPI-TYP-TS-SA6-SP-01
50		
51		
52		

53	NOTES	
54		1. ITEM MARKED WITH " * ", SHALL BE COMPLETED/CONFIRMED BY VENDOR.
55		





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



PROJECT NAME : RC12 WHP PROJECT, BLOCK 09-1

SUB PROJECT : RC12 WELLHEAD PLATFORM

DOCUMENT TITLE : SAFETY AND FIRE FIGHTING EQUIPMENT SPECIFICATION

DOCUMENT NO. : RC12-002-TS-SA6-SP-001

PHASE : DETAILED ENGINEERING

Applied Document			VSP-NIPI-TYP-TS-SA6-SP-01		Rev.	1
			Signed by: Nguyễn Thị Thu Trang Date: 22/04/2025 07:41:30 Certified by: Vietsovpetro CA Comment: Memo: DS cần...	Signed by: Trương Minh Đức Date: 22/04/2025 10:27:26 Certified by: Vietsovpetro CA	Signed by: Trần Duy Hải Date: 22/04/2025 11:44:17 Certified by: Vietsovpetro CA	
			DC: N.T.T.TRANG	ENG.MGR: T.M.DUC	PRO.MGR: T.D.HAI	
			Signed by: Trần Duy Tài Date: 21/04/2025 11:10:32 Certified by: Vietsovpetro CA	Signed by: Астахов Андрей Анатольевич Date: 21.04.2025 15:45:31 Certified by: Vietsovpetro CA	Signed by: Đinh Duy Thiện Date: 21/04/2025 16:26:22 Certified by: Vietsovpetro CA	
0	IFA	21.04.25				
REV.	DES.	DATE	PREPARED: T.D.TAI	CHECKED: ASTAKHOV A.A	DEPT.MGR: D.D.THIE	

CONTROLLED





	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM SAFETY AND FIRE FIGHTING EQUIPMENT SPECIFICATION		RC12-002-TS-SA6-SP-001		
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2	ADDENDUM	4



	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM SAFETY AND FIRE FIGHTING EQUIPMENT SPECIFICATION		RC12-002-TS-SA6-SP-001	
	Rev.	0	Page	4 of 12

1. INTRODUCTION

The RC12 Wellhead Platform belongs to Vietsovpetro JV. It will be located on the R-79 well template in Block 09-1 of the Dragon oil field, approximately 125 km South-East of Vung Tau City, offshore of the Socialist Republic of Vietnam. This location is approximately about 6.3 km from RP1 and 1.1 km southeast of UBN3. Water depth of this location is about 47 ± 0.5 m relative to MSL.

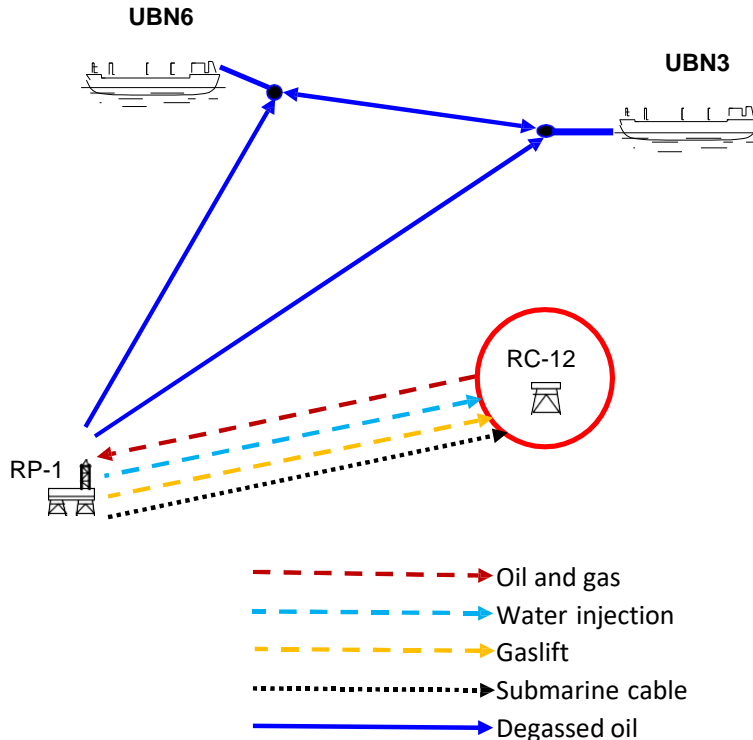


Figure 1: Location of RC12

RC12 is an unmanned platform which will be remotely controlled from the host platform RP-1 via subsea power & fiber optic cable. Design life time of RC12 is 25 years.

RC12 consists of Jacket with Boat Landing and Topside with Helideck. Production fluid (oil, gas and water mixture) of RC12 will be transported to RP1 via subsea pipeline for further processing. Gaslift and injection water for RC12 will be provided from RP1 via subsea pipelines.

RC12 platform will be designed with 09 well slots, including 05 production wells and 04 slots for future development. After several years of production, 01 production well will be converted to water injection well.

RC12 platform topside facilities are able to accommodate the adjusting well flowrate and well testing, measuring total production flowrate of the platform, gaslift as well as other utility systems. Provision for 04 ESP wells is considered in RC12 design.


Design capacity for RC12 is 1500 m³/d of liquid; 300 000 Sm³/d of gas (associated gas and gaslift), and 500 m³/d of injection water.-

Modification on RP1 for receiving product from RC12 is required.

2. ADDENDUM

This document uses the Typical Engineering Documentation for this Project. However, some design intends or requirements may require to be revised to fit with Project's purpose. This section lists changes in the applied typical documents, originating in Typical Engineering



	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM SAFETY AND FIRE FIGHTING EQUIPMENT SPECIFICATION		RC12-002-TS-SA6-SP-001		
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Documentation for any reason including those indicated in Table 1. These changes are identified in this Addendum to the applied typical document, identifying the document and section affected and the required change.

VENDOR 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.



	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM SAFETY AND FIRE FIGHTING EQUIPMENT SPECIFICATION		RC12-002-TS-SA6-SP-001	
	Rev.	0	Page	6 of 12


Section	Current Statement or Requirement	Revised to
5.1.2	Dry Powder Portable Fire Extinguishers, 4 kg	REPLACE WITH: 5.1.2. Dry Powder Portable Fire Extinguishers, 6 kg a. Dry chemical extinguisher: ABC chemical powder, not water absorption; certificated for powder; b. Type: CO ₂ cartridge type; c. Capacity: 6 kg ; d. Working pressure at 20°C: Minimum 15 bar; e. Test pressure: Minimum 30 bar; f. Discharge time: Not less than 30 Sec; g. Range of throw: 5-6 meters; h. Operating Temperature: -20 to +60°C i. Fire Class: A, B, C Types; j. Rating: 18B - 45B; k. Equipped pressure gauge on cylinder; l. Material: <ul style="list-style-type: none"> • Corrosion resistance of start-up valves (resistance to moisture). • Handle of valve made of rust-proof metal; • Head valve made of brass; • Marine equipment directive approved fire Extinguisher, approved international standard. Standards printed and shown in catalog, nameplate of cylinder and printed by non-volatile paint on hose. m. Shall be manufactured and tested in accordance with TCVN / international standard of fire prevention and fighting. n. Year of production, serial number, weight of cylinder, weight of extinguisher capacity, operating temperature stamped on cylinder.
5.1.5	Dry Powder Portable Fire Extinguishers, 12 kg	REPLACE WITH: a. Dry chemical extinguisher: ABC chemical powder, not water absorption; certificated for powder; b. Type: CO ₂ cartridge type; c. Capacity: 9 kg ; d. Working pressure at 20°C: Minimum 15 bar; e. Test pressure: Minimum 30 bar; f. Discharge time: Not less than 30 Sec; g. Range of throw: 5-6 meters; h. Operating Temperature: -20 to +60°C i. Fire Class A, B, C Types; j. Rating: 18B - 45B;



	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM SAFETY AND FIRE FIGHTING EQUIPMENT SPECIFICATION		RC12-002-TS-SA6-SP-001	
	Rev.	0	Page	8 of 12


Section	Current Statement or Requirement	Revised to
5.2.1	b. A breathing apparatus	REPLACE WITH: <ul style="list-style-type: none"> - a smoke helmet or smoke mask which shall be provided with a suitable air pump and a length of air hose sufficient to reach from the open deck, well clear of hatch or doorway, to any part of the holds or machinery spaces. If, in order to comply with this sub-paragraph, an air hose exceeding 36 metres (120 feet) in length would be necessary, a self-contained breathing apparatus shall be substituted or provided in addition as determined by the Administration, or; - a self-contained breathing apparatus which shall be capable of functioning for 30 minutes. - For each breathing apparatus a fireproof lifeline of sufficient length and strength (at least 30 m length – FSS code 2007 Edition) shall be provided capable of being attached by means of a snap hook to the harness of the apparatus or to a separate belt in order to prevent the breathing apparatus becoming detached when the lifeline is operated. - One spare full charging cylinder shall be provided for each breathing apparatus
5.9.1	5.9. Life Rafts and Support Cradles 5.9.1. General	REPLACE WITH: <ul style="list-style-type: none"> a. Life rafts shall be Self-Righting type Life raft; b. Life rafts suitable for 12 persons each (i.e. 12 POB); c. Life rafts shall be inflatable type. The life raft shall inflate when painter line is pulled. The life rafts shall be fitted with an efficient painter of length equal to a minimum of 30 meters (reference), VTA base on location of life raft; d. The materials, methods of manufacture and performance of the life rafts, instructions and markings shall be in accordance with LSA Code, SOLAS; e. The life rafts shall be constructed from natural rubber coated nylon webbing; f. The life raft will be supplied within a container; g. Each life raft shall be provided with LSA Code, SOLAS A Emergency Pack; h. Support cradles shall be supplied so as to enable single person deployment; i. The lifespan, replacement and/or refurbishment dates of the life rafts shall be advised by the Supplier as part of the Tender; and



	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM SAFETY AND FIRE FIGHTING EQUIPMENT SPECIFICATION		RC12-002-TS-SA6-SP-001		
	Rev.	0	Page	9 of 12	


Section	Current Statement or Requirement	Revised to
		<ul style="list-style-type: none"> j. The canopy and container of each life raft shall be marked in contrasting colour k. Life raft shall be manufacturers' product, which is easily and not expensive serviced by local services companies annually (at least 02 company services in the South of Việt Nam).
5.11.2	Life jacket cabinets	REPLACE WITH: <ul style="list-style-type: none"> a. All life jackets to be stored in cabinets near Life rafts; b. The cabinets shall be supplied as a fully assembled factory tested unit. The cabinets shall be fully enclosed and weather proof protected. The cabinets shall be constructed from UV resistant material, with min. 3 mm thickness for stainless steel or 5mm thickness for GRP and shall have drain holes ($\Phi \leq 15\text{mm}$). c. The cabinets shall be made of fire retardant material. The cabinets fitting shall be of stainless steel 316. The cabinets shall be suitable for installation outdoors in a marine environment. Lifting arrangement shall be provided for all cabinets; d. Hinges, hinge pins, fixing nuts and bolts shall be stainless steel 316; e. The life jacket cabinets shall have a permanently fixed and durable nameplate detailing the cabinet contents and operating instructions; f. The life jacket cabinets shall be suitable for welding or bolting to the deck and/ or fixing to hand rails and the cabinet door shall be roller shutter type; g. The cabinets shall be stenciled with "LIFE JACKETS" and Vietsovpetro's logo; h. Life jacket cabinets shall be suitable for storing 12 nos. per cabinet, of life jackets respectively.
5.12.2	Quick Descending Device cabinets	REPLACE WITH: <ul style="list-style-type: none"> i. Every 12 pcs. of Quick Descending Device to be stored in 01 cabinet near Life rafts and 02 pcs. to be stored in crane cabin; j. The cabinets shall be supplied as a fully assembled factory tested unit. The cabinets shall be fully enclosed and weather proof protected. The cabinets shall be constructed from UV resistant material, with min. 3 mm thickness for stainless steel or 5mm thickness for GRP and shall have drain holes. Cabinets shall be painted orange to code 06E51 of BS 4800; k. The cabinets shall be made of fire retardant material. The cabinets fitting shall be of stainless steel 316. The cabinets shall be suitable for



	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM		RC12-002-TS-SA6-SP-001		
	SAFETY AND FIRE FIGHTING EQUIPMENT SPECIFICATION		Rev.	0	Page

Section	Current Statement or Requirement	Revised to
		<p>installation outdoors in a marine environment. Lifting arrangement shall be provided for all cabinets;</p> <p>l. Hinges, hinge pins, fixing nuts and bolts shall be stainless steel 316;</p> <p>m. The cabinets shall have a permanently fixed and durable nameplate detailing the cabinet contents and operating instructions;</p> <p>n. The cabinets shall be suitable for welding or bolting to the deck and/ or fixing to hand rails and the cabinet door shall be roller shutter type;</p> <p>o. The cabinets shall be painted with word "QUICK DESCENDING DEVICE" and Vietsovpetro's logo;</p> <p>p. Quick Descending Device cabinets shall be suitable for storing 12 nos per cabinet.</p>
5.14.1	Swing Rope	<p>REPLACE WITH:</p> <p>Swing rope is type of personnel transfer from vessel to platform.</p> <p>The VENDOR's scope of supply of swing ropes shall be completed with the following as show in in figure 5.1:</p> <ul style="list-style-type: none"> • Two swing ropes c/w 7/8" crosby SS-414 wire rope thimble or equal. • Two soft lay SS wire ropes c/w accessories: 3/8" crosby SS-414 wire rope thimble or equal; splice with SS compression sleeve; thread cable thru thimble & clamp w/2-3/16" crosby cable clips; 3/8" crosby SS-414 wire rope thimble or equal; 7/8" 304 SS screw pin anchor shackle with cotter/safety pin. • Two wire rope cables c/w thread cable thru thimble & clamp crosby cable clips and loop cable over top rail of hand rail & clamp crosby cable clips; • Provide shackle and pin to connect swing rope to pad eye as show in figure 5.2 <p>Swing ropes should meet the following specifications:</p> <p>a. Diameter of swing rope should be 1 inches, length 17m. A three strand, twisted, natural fiber Manila rope is recommended.</p> <p>b. The top ten feet of the swing rope which is connected to the structure shall be a least ¼ inch diameter stainless steel wire rope.</p> <p>c. Length of swing rope should be so bottom or rope is 2 - 4 inches above boat landing.</p> <p>d. The rope should have knot tied at the bottom and have a knot every 0.5 meter to approximately 3 meters above the bottom knot.</p> <p>e. There is a crosby SS-414 wire rope thimble or equal that assembly at the top of swing rope.</p>



	RC12 WHP PROJECT, BLOCK 09-1 RC12 WELLHEAD PLATFORM		RC12-002-TS-SA6-SP-001			
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Section	Current Statement or Requirement	Revised to
		d. The mesh size 200 mm x 200 mm. e. The tensile strength ≥ 10 kN. f. Rope dimensions: ≤ 22 mm. h. Around the perimeter of the net about 1.5 meters away, there is one wire with 8 meter long used to anchor the tension when installed on the helideck, each mesh corner requires 8 meters wire. i. The rope is twisted from 3 strands tightly twisted together, twist step: ≥ 9 twists / 20 cm.
5.16	Self-Contained Breathing Apparatus	ADD: 5.16. Self-Contained Breathing Apparatus (SCBA) <ol style="list-style-type: none"> a. An SCBA unit consists of two (02) sets of SCBA and one (01) spare full charging cylinder, all stored in a cabinet. b. One (01) set of SCBA shall consists of a back plate, shoulder strap, 30-minute air cylinder, valve assembly (spring loaded exhalation valve, breathing valve, pressure demand regulator), high pressure hose, audible low pressure warning device, positive pressure face mask, harness and a Glass Reinforced Plastic case. c. Portable air compressor suitable to recharge Breathing Apparatus with an air hose shall be provided d. The SCBA unit shall be stored in a cabinet made of red GRP (Glass Reinforced Plastic) with a nominal thickness of 3mm, featuring SS316 hinges, quick-opening latches, and a solid brass pull handles. e. The door shall be labelled with black letters "SELF-CONTAINED BREATHING APPARATUS" with Vietsovpetro's logo. The labelling must be UV resistant, and will not rub off upon repeated contact f. Necessary instructions shall be provided in English and Vietnamese languages. g. Cylinder for self-contained breathing apparatus shall be capable of functioning for 30 minutes. h. Air purifier shall meet or exceed the standards of Compressor Gas Association Commodity Specification; G-71 for grade "E" breathing air and NFPA 1500 standard. i. The SCBA shall be NIOSH and NFPA approved.





RESEARCH AND ENGINEERING INSTITUTE
FOR OIL AND GAS



AGREED BY
Deputy General Director of
Vietsovpetro

Tran Xuan Hoang
31/08 /2020

APPROVED BY
Chief Engineer of Vietsovpetro



Tran Van Vinh
31/08 /2020

TYPICAL ENGINEERING DOCUMENTATION

DOCUMENT TITLE SAFETY & FIRE FIGHTING EQUIPMENT SPECIFICATION
DOCUMENT No. VSP-NIPI-TYP-TS-SA6-SP-01

Agreed by:			Name		Date		
Capital Construction Department			N. H. Giang		20/8/20		
Health, Safety & Environment Department			Tran Van Vinh		26.8.20		
1	IFA	24/08/2020	C.Đ.HUY	N.N.TIEP	ASTAKHOV A.A.	T.D.HAI	B.T.HAN
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REV.	DES.	DATE	PREPARED	CHECKED	CHIEF DEPART.	ENG. MANAGER	PRO. MANAGER

CONTROLLED



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1	5.1	9	Fire Extinguishers
1	5.2	14	Outfit Box and Cabinet
1	5.3.1	15	Rescue Equipment
1	5.4	16	Fire hydrant and Cabinet
1	5.5.2	18	First Aid Kit's Cabinet
1	5.6.2	18	Fixed – Eyewash Station
1	5.7	19	Electric Shock Rescue Kits
1	5.9.1	20	General of Life Rafts and Support Cradles
1	5.10.1	21	General of Life Buoys and Bracket
1	5.11	22	Life Jackets and Cabinets
1	5.12.2	23	Quick Descent Device Cabinet
1	5.13	25	Safety sign
1	5.15	28	Helideck netting

Reference Documents

VSP-NIPI-TYP-TS-SA6-DS-01	DATASHEET FOR SAFETY & FIRE FIGHTING EQUIPMENT

SP-01



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ABBREVIATIONS:

ICA	International Classification Authority
JK	Jacket
TOP	Topside
VSP	Vietsovetro
R&EI	Research and Engineering Institute of Vietsovetro
VR	Vietnam Register
AFFF	Aqueous Film Forming Foam
CO ₂	Carbon Dioxide
dB(A)	Decibel, A scale weighing
DCP	Dry Chemical Powder
DS	Datasheet
GRP	Glass Reinforced Plastic
HAC	Hazardous area classification
HV	High Voltage
ID	Inner Diameter
IEC	International Electrotechincal Committee
IMO	International Maritime Organization
LSA	Life Saving Appliances
LV	Low Voltage
OD	Outer Diameter
OTI	Offshore Technical Institute
P&ID	Process and Instrumentation diagram
POB	Person on Board
SOLAS	Safety of Life at Sea
SS	Stainless Steel
TBA	To be advised
UV	Ultra Violet
VTA	Vendor to advise
VTC	Vendor to confirm



Handwritten mark



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1. PURPOSE

This document defines the minimum requirements for design, materials, fabrication, inspection, testing, painting, preparation for shipment, and documentation for the supply of Fire, Safety & Life Saving appliances to be installed at the Wellhead Satellite Platform.

This equipment shall be used for firefighting, protecting personnel from chemical or physical condition and in worst case scenario, to abandon the platform.

The Supplier shall furnish all components and auxiliary equipment to make complete operating safety equipment.

This specification details the specific requirements for the equipment and is to be used in conjunction with the referenced data sheets, drawings and specifications.

The Supplier shall be responsible for the design, manufacture, assembly, painting, inspection and testing, certification, preparation for shipment and supply of documentation for the safety equipment as described in this specification and referenced documents.

This specification does not dictate the detailed equipment design requirements. It is intended that this responsibility be retained fully by the Supplier so that Supplier's warranty remains fully in force and is not affected by statements herein.

This specification includes tagging and preparation for overseas shipment of all equipment furnished.

Supplier shall state specific utility requirements in his Tender. Supplier shall specifically state any additional utility requirements in the bid.

2. REFERENCE SPECIFICATIONS

The Supplier shall comply with all requirements of the reference documents listed in Engineering Requisition. Any deviation of compliance to the reference documents listed requested by the Supplier shall be notified to the Purchaser and agreed to in writing.

3. CODES AND STANDARDS

The requirements of the latest editions of the following Codes and Standards are referenced and are considered a part of this specification.

CODE	TITLE
ANSI Z358.1 2014	Standard for Emergency Eyewashes and Shower Equipment
ANSI Z308.1-2003	American National Standard – Minimum Requirements for Workplace First Aid Kits and Supplies
BS 5378	Safety Signs and Colours
BS 5499 Part 1	Graphical Symbols and Signs. Safety Signs, Including Fire Safety Signs. Specification for Geometric Shapes, Colours and Layout





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CODE	TITLE
BS 5499 Part 2	Fire Safety Signs, Notices and Graphic Symbols. Specification for Self-Luminous Fire Safety Signs
BS 5499 Part 4	Safety Signs, Including Fire Safety Signs. Code of Practice for Escape Route Signing
BS 5499 Part 5	Graphical Symbols and Signs. Safety Signs, Including Fire Safety Signs. Signs with Specific Safety Meanings.
BS EN 615	Specification for Portable Fire Extinguisher
BS 4800	Colour Chart
CAP 437	Standards for Offshore Helicopter Landing Areas
DNV OS A101	Safety Principles and Arrangements
DNVGL OS D301: 2015	Fire protection
EN 345	Fireman's Boots
EN 443	Fireman's Helmet with Visor and Neck Curtain
EN 469/ ISO 11613	Fireman's Suit (Non-aluminized)
EN 60903	Fireman's Gloves Electrician's
EN 659/ ISO 15383	Fireman's Gloves (Non-aluminized)
FFS 2007	The International Code for Fire Safety Systems
IMO	International Convention for the Safety of Life at Sea (SOLAS)
LSA Code	International Life-Saving Appliances Code
ISO 13702	Petroleum and Natural Gas Industries. Control and Mitigation of Fires and Explosions on Offshore Production Installations. Requirements and Guidelines
ISO 3864	Safety Colours and Safety Signs
NFPA 10	Standard for Portable Fire Extinguishers
NFPA 14	Standard for the Installation of Standpipe and Hose Systems
TCVN 6767-1:2016	Vietnam Standard: Fixed offshore platforms – part 1: Life-saving appliances
TCVN 6767-2:2016	Vietnam Standard: Fixed offshore platforms – part 2: Fire Protection, Detection and Extinction



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CODE	TITLE
OSHA	Occupational Safety and Health Standards
SOLAS	International Convention for the Safety of Life at Sea
Quality Assurance	BS/EN ISO9001, Quality Systems

4. UNITS OF MEASURE

The design shall be performed using the following SI System of units:

VARIABLE	SYMBOL	UNIT
Area	m ²	Square metres
Density	kg/m ³ or g/ml	Kilogram per cubic metre or gram per millilitre
Dimensions	m or mm	Metres or millimetres
Flow (gas)	SCMD or Sm ³ /h	Standard cubic metres per day or per hour
Flow (liquid)	m ³ /h or l/min	Cubic metres per hour or Litres per minute
Water application density	l/min/m ²	Litres per minute per square metre
Heat	kJ	KiloJoules
Heat Transfer coefficient	kJ/m ² °C/h	Kilojoules per square metre per degree Celsius per hour
Length	km	Kilometres
	m	Metres
	mm	Millimetres
Power	kW	KiloWatts
Pressure	kPag	Kilopascals gauge
	kPaa	Kilopascals absolute
	bara	Bar absolute (*1.013 bara @ 15 °C)
	barg	Bar gauge
Specific Heat	kJ/kg-°C	Kilojoules per Kilogram-per degree celsius
Temperature	°C	Degree Celsius
Voltage	V	Volt
	kV	Kilo Volt
Velocity	m/s or km/h	Metres per second or Kilometres per hour
Viscosity	cP or mPa.s	Centipoises or milliPascal-sec
Volume (gases)	Sm ³	Standard cubic metres
Volume (liquid)	m ³ , l	Cubic metres, litres
Weight (mass)	kg, tonne	Kilograms, tonne

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5. TECHNICAL REQUIREMENTS

No.	Equipment	Data sheet No.
RESCUE EQUIPMENT		
1.	Fireman's Outfit Box and Cabinet	DS-1
2.	Helicopter Rescue Equipment and Cabinet	DS-2
FIRE FIGHTING EQUIPMENT		
3.	CO2 Portable Fire Extinguisher, 2 Kgs	DS-3
4.	Dry Powder Portable Fire Extinguisher, 4 kg.	DS-4
5.	CO2 Portable Fire Extinguisher, 5 Kgs	DS-5
6.	AFFF foam Portable Fire Extinguisher, 9 litres	DS-6
7.	Dry Powder Portable Fire Extinguisher, 12 kg.	DS-7
8.	50Kg . Direct Pressure – ABC Dry Powder Extinguisher.	DS-8
9.	25 Kg.CO2 Extinguisher, Wheel Type.	DS-9
10.	45 L Foam Fire Extinguisher	DS-10
11.	Fire Hydrants	DS-11
12.	Fire Hydrant Cabinet	DS-12
SAFETY EQUIPMENT		
13.	First Aid Cabinet (First Aid Pack & Burn Packs) with cabinet	DS-13
14.	Electric shock rescue kit (HV/LV) with cabinet	DS-14
15.	Safety Signs	DS-15
LSA EQUIPMENT		
16.	Lifebuoy	DS-16
17.	Lifebuoy self-igniting light	DS-16
18.	Lifebuoy self-igniting smoke signal	DS-16
19.	Buoyant line	DS-16
20.	Life Jackets with cabinet (10 life jackets/cabinet)	DS-17
21.	Quick Descent Device with cabinet	DS-18
22.	Basket Type Sketcher	DS-19
23.	Life rafts, capacity 10 person each	DS-22
24.	Fire Fighting Cabinet	DS-21
25.	Helideck Netting	DS-22
26.	Eye Wash Station – Portable	DS-23



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No.	Equipment	Data sheet No.
27.	Eye Wash Station	DS-24
28.	Swing Rope	DS-25

FIRE FIGHTING EQUIPMENT

5.1 Fire Extinguishers

Product from 5.1.1- 5.1.9 is a General permit issued by a competent authority of the Ministry of public security is required for the whole lot. Each product will be affixed with the Ministry of public security's stamp as per Circulars 66/2014/TT-BCA .

The fire extinguishers consist of the following equipment:

5.1.1 CO₂ Portable Fire Extinguishers, 2 kg

- a. CO₂ portable extinguishers, 2 kg capacity shall be provided for B:C hazards;
- b. Fire Class: B, C + Electrical
- c. Fire Rating: 21B (min.)
- d. Working pressure at 20°C: Minimum 56 bar;
- e. Test pressure: Minimum 250 bar;
- f. Discharge time: Not less than 8 Sec;
- g. Range of throw: 3 meters;
- h. Operating Temperature: -20 to +60°C;
- i. Equipped pressure gauge on cylinder;
- j. Material:
 - Handle of valve made of rust-proof metal;
 - Head valve made of brass;
 - Marine equipment directive approved fire Extinguisher, approved international standard. Standards printed and shown in catalog, nameplate of cylinder and printed by non-volatile paint on hose.
 - Corrosion resistance of start-up valves (resistance to moisture).
- k. Shall be manufactured and tested in accordance with TCVN / international standard of fire prevention and fighting.
- l. Year of production, serial number, weight of cylinder, weight of extinguisher capacity, operating temperature stamped on cylinder.



5.1.2 Dry Powder Portable Fire Extinguishers, 4 kg

- a. Dry chemical extinguisher: ABC chemical powder, not water absorption; certificated for powder;
- b. Type: CO₂ cartridge type;
- c. Capacity: 4 kg;
- d. Working pressure at 20°C: Minimum 15 bar;
- e. Test pressure: Minimum 30 bar;
- f. Discharge time: Not less than 30 Sec;
- g. Range of throw: 5-6 meters;
- h. Operating Temperature: -20 to +60°C
- i. Fire Class A, B, C Types;
- j. Rating: 18B :- 45B;
- k. Equipped pressure gauge on cylinder;
- l. Material:
 - Corrosion resistance of start-up valves (resistance to moisture).
 - Handle of valve made of rust-proof metal;
 - Head valve made of brass;
 - Marine equipment directive approved fire Extinguisher, approved international standard. Standards printed and shown in catalog, nameplate of cylinder and printed by non-volatile paint on hose.
- m. Shall be manufactured and tested in accordance with TCVN / international standard of fire prevention and fighting.
- n. Year of production, serial number, weight of cylinder, weight of extinguisher capacity, operating temperature stamped on cylinder.

5.1.3 CO₂ Portable Fire Extinguishers, 5 kg

- a. CO₂ portable extinguishers, 5 kg capacity shall be provided for B:C hazards;
- b. Fire Class: B, C + Electrical
- c. Fire Rating: 21B (min.)
- d. Working pressure at 20°C: Minimum 56 bar;
- e. Test pressure: Minimum 250 bar;
- f. Discharge time: Not less than 9 Sec;
- g. Range of throw: 3 meters;
- h. Operating Temperature: -20 to +60°C;





5.1.2 Dry Powder Portable Fire Extinguishers, 4 kg

- a. Dry chemical extinguisher: Powder ABC 75% NH_4HPO_3 (at least), not water absorption; certificated for powder;
- b. Type: CO_2 cartridge type;
- c. Capacity: 4 kg;
- d. Working pressure at 20°C: Minimum 15 bar;
- e. Test pressure: Minimum 30 bar;
- f. Discharge time: Not less than 30 Sec;
- g. Range of throw: 5-6 meters;
- h. Operating Temperature: -20 to +60°C
- i. Fire Class A, B, C Types;
- j. Rating: 18B :- 45B;
- k. Equipped pressure gauge on cylinder;
- l. Material:
 - Corrosion resistance of start-up valves (resistance to moisture).
 - Handle of valve made of rust-proof metal;
 - Head valve made of brass;
 - Marine equipment directive approved fire Extinguisher, approved international standard. Standards printed and shown in catalog, nameplate of cylinder and printed by non-volatile paint on hose.
- m. Shall be manufactured and tested in accordance with TCVN / international standard of fire prevention and fighting.
- n. Year of production, serial number, weight of cylinder, weight of extinguisher capacity, operating temperature stamped on cylinder.

5.1.3 CO_2 Portable Fire Extinguishers, 5 kg

- a. CO_2 portable extinguishers, 5 kg capacity shall be provided for B:C hazards;
- b. Fire Class: B, C + Electrical
- c. Fire Rating: 21B (min.)
- d. Working pressure at 20°C: Minimum 56 bar;
- e. Test pressure: Minimum 250 bar;
- f. Discharge time: Not less than 9 Sec;
- g. Range of throw: 3 meters;
- h. Operating Temperature: -20 to +60°C;



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- i. Equipped pressure gauge on cylinder;
- j. Material:
 - Handle of valve made of rust-proof metal;
 - Head valve made of brass;
 - Marine equipment directive approved fire Extinguisher, approved international standard. Standards printed and shown in catalog, nameplate of cylinder and printed by non-volatile paint on hose.
 - Corrosion resistance of start-up valves (resistance to moisture).
- k. Shall be manufactured and tested in accordance with TCVN / international standard of fire prevention and fighting.
- l. Year of production, serial number, weight of cylinder, weight of extinguisher capacity, operating temperature stamped on cylinder.

5.1.4 AFFF Foam Portable Fire Extinguishers, 9 litres

- a. Foam: AFFF Foam, for hydrocarbon pool fire hazards;
- b. Type: CO₂ cartridge type;
- c. Capacity: 9 liters;
- d. Working pressure at 20°C: Minimum 15 bar;
- e. Test pressure: Minimum 30 bar;
- f. Discharge time: Not less than 30 Sec;
- g. Range of throw: 5-6 meters;
- h. Operating Temperature: -20 to +60°C
- i. Fire Class A, B;
- j. Fire Rating: 144B (min);
- k. Material:
 - Handle of valve made of rust-proof metal;
 - Head valve made of brass;
 - Marine equipment directive approved fire Extinguisher, approved international standard. Standards printed and shown in catalog, nameplate of cylinder and printed by non-volatile paint on hose.
 - Corrosion resistance of start-up valves (resistance to moisture).
- l. Shall be manufactured and tested in accordance with TCVN / international standard of fire prevention and fighting.
- m. Year of production, serial number, weight of cylinder, weight of extinguisher capacity, operating temperature stamped on cylinder.





5.1.5 Dry Powder Portable Fire Extinguishers, 12 kg.

- a. Dry chemical extinguisher: ABC chemical powder, not water absorption; certificated for powder;
- b. Type: CO₂ cartridge type;
- c. Capacity: 12 kg;
- d. Working pressure at 20°C: Minimum 15 bar;
- e. Test pressure: Minimum 30 bar;
- f. Discharge time: Not less than 30 Sec;
- g. Range of throw: 5-6 meters;
- h. Operating Temperature: -20 to +60°C
- i. Fire Class A, B, C Types;
- j. Rating: 18B -:- 45B;
- k. Equipped pressure gauge on cylinder;
- l. Material:
 - Handle of valve made of rust-proof metal;
 - Head valve made of brass;
 - Marine equipment directive approved fire Extinguisher, approved international standard. Standards printed and shown in catalog, nameplate of cylinder and printed by non-volatile paint on hose.
 - Corrosion resistance of start-up valves (resistance to moisture).
- m. Shall be manufactured and tested in accordance with TCVN / international standard of fire prevention and fighting.
- n. Year of production, serial number, weight of cylinder, weight of extinguisher capacity, operating temperature stamped on cylinder.

5.1.6 50 Kg Store Pressure Type-- Dry Powder Extinguisher

- a. Wheeled dry powder extinguishers shall be provided in addition to portable extinguishers for protection to helideck areas where the primary risk is from a liquid hydrocarbon fire e.g. aviation fuel.
- b. The charge capacity of the dry powder shall be 50 Kg.
- c. Equipped pressure gauge on cylinder;
- d. Handle of valve made of rust-proof metal. Head valve made of brass;
- e. The discharge hose length starting from the point of attachment to the cylinder body of the wheeled fire extinguisher shall be further protected externally against kinking by a length of stainless steel wire coiled around it.
- f. The trolley assembly shall be constructed of material compatible with the extinguishing agent and corrosive salt laden atmosphere.





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- g. Shall be manufactured and tested in accordance with TCVN / international standard of fire prevention and fighting.
- h. Year of production, serial number, weight of cylinder, weight of extinguisher capacity, operating temperature stamped on cylinder.

5.1.7 25 Kg. CO₂ Extinguisher

- a. Wheeled CO₂ extinguishers shall be provided in addition to portable extinguishers for protection to helideck areas where the primary risk is from a liquid hydrocarbon fire e.g. aviation fuel.
- b. The charge capacity of the CO₂ shall be 25 Kg.
- c. Equipped pressure gauge on cylinder;
- d. The discharge hose length (c/w extension nozzle) starting from the point of attachment to the cylinder body of the wheeled fire extinguisher shall be further protected externally against kinking by a length of stainless steel wire coiled around it.
- e. Handle of valve made of rust-proof metal. Head valve made of brass;
- f. The trolley assembly shall be constructed of material compatible with the extinguishing agent and corrosive salt laden atmosphere.
- g. Shall be manufactured and tested in accordance with TCVN / international standard of fire prevention and fighting.
- h. Year of production, serial number, weight of cylinder, weight of extinguisher capacity, operating temperature stamped on cylinder.

5.1.8 45 L Foam Fire Extinguisher

- a. Stationary type of Foam Fire Extinguisher shall be provided in addition to portable extinguishers for protection to helideck areas where the primary risk is from a liquid hydrocarbon fire e.g. aviation fuel.
- b. The charge capacity of the Foam shall be 45 L.
- c. Direct Pressure Premix Foam extinguisher contains premixed alcohol resistant AR-AFFF foam which is highly effective on Class B fuel fires and a penetrating and wetting agent on fires involving Class A materials.
- d. Foam extinguisher meets NFPA 418 requirements for H-1 category helicopter pad protection.
- e. Handle of valve made of rust-proof metal. Head valve made of brass;
- f. Shall be manufactured and tested in accordance with TCVN / international standard of fire prevention and fighting.
- g. Year of production, serial number, weight of cylinder, weight of extinguisher capacity, operating temperature stamped on cylinder.

5.1.9 Portable Extinguishers Cabinets

- a. The external extinguishers shall be placed in cabinets;
- b. Cabinet for 2 nos.: One (1) 12kg Dry Chemical Extinguisher & One (1) 9 liters Foam Extinguisher;





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- c. Cabinets shall be FRP / GRP with thickness min.3 mm at least SS304 or with thickness min. 5mm with composite material, with vision panel and single lead door;
- d. Material: Stainless steel or Composite non distortion;
- e. The cabinets should incorporate provision for both drainage and ventilation and minimize the ingress of sea and rainwater;
- f. Doors shall open easily and give free access to the contents without straining the hinges or catches. Door catches shall be positive, non-lockable and made from stainless steel. Doors shall be provided with a simple method of securing in the closed position, to withstand the wind conditions of a cyclone. Hinges, hinge pins, fixing nuts and bolts shall be stainless steel;
- g. Cabinets to be painted red with the word "FIRE" and Vietsovpetro's logo;
- h. Cabinet shall be of adequate strength.

5.2 Outfit Box and Cabinet

5.2.1 A fireman's outfit shall consist of:

- a. Personal equipment comprising:
 - Protective clothing of material to protect the skin from the heat radiating from the fire and from burns and scalding by steam. The outer surface shall be water-resistant.
 - Boots and gloves of rubber or other electrically non-conducting material.
 - A rigid helmet providing effective protection against impact.
 - An electric safety lamp (hand lantern) of an approved type with a minimum burning period of three hours.
 - An axe to the satisfaction of the Administration.
- b. A breathing apparatus of an approved type which may be either:
 - A smoke helmet or smoke mask which shall be provided with a suitable air pump and a length of air hose sufficient to reach from the open deck, well clear of hatch or doorway, to any part of the holds or machinery spaces. If, in order to comply with this sub-paragraph, an air hose exceeding 36 metres (120 feet) in length would be necessary, a self-contained breathing apparatus shall be substituted or provided in addition as determined by the Administration, or
 - a self-contained breathing apparatus which shall be capable of functioning for a period of time to be determined by the Administration.
 - For each breathing apparatus a fireproof lifeline of sufficient length and strength (at least 30 m length – FSS code 2007 Edition) shall be provided capable of being attached by means of a snaphook to the harness of the apparatus or to a separate



belt in order to prevent the breathing apparatus becoming detached when the lifeline is operated.

5.2.2 Cabinet

The fireman's equipment cabinet:

- a. Shall be supplied as a fully assembled factory tested unit;
- b. Shall be fully enclosed and weather proof protected;
- c. Shall be constructed from UV resistant material, with min. 3 mm thickness for stainless steel or 5mm thickness for GRP/FRP and shall have drain holes;
- d. Fitting shall be of stainless steel;
- e. Shall be suitable for installation outdoors in a marine environment;
- f. Lifting arrangement shall be provided for each cabinet;
- g. Shall be suitable for fixing with wall/ floor;
- h. Cabinet doors shall be two leaf type with vision panel;
- i. Door shall be arranged for full and easy access to all items for emergency operation and routine maintenance;
- j. Doors shall be of "roller shutter" type. It shall be possible to remove all items or equipment individually without the need to remove any other item;
- k. Cabinets to be painted red with the word "RESCUE EQUIPMENT" and Vietsovpetro's logo;
- l. The list of all items/ equipment shall be printed on the inside of door leaf.

5.3 Helicopter Rescue Equipment and Cabinet

5.3.1 Rescue Equipment

Rescue Equipment shall be provided as CAP 437 but not limit as below:

- a. 1 x Fire axe
- b. 1 x Crow bar
- c. 1 x Hack saw (heavy duty) and six spare blades
- d. 1 x Quick release harness knife
- e. 1 x Gloves, fire resistant
- f. 1 x Fire blanket
- g. 1 x Pliers, side cutting (tin snips)
- h. 1 x Laminated instruction
- i. 1 x Hock, grab



- j. 1 x Aluminum ladder (two-piece)
- k. 1 x Adjustable wrench
- l. 1 x Life line (5 cm circumference x 15 m length) plus rescue harness
- m. 1 x Power cutting tool
- n. 1 x Cutter, bolts
- o. 1 x Set of assorted screwdrivers
- p. 2 x Man-Made Mineral Fibre (MMMMF) Filter masks

5.3.2 Cabinet

The fireman's equipment cabinet: as show in item 5.2.2

5.4 Fire hydrant and Cabinet

5.4.1 Fire hydrants c/w isolation valve, flange

Fire Hydrant is outside of cabinet, will have a single inlet DN50 and one outlet 50 in complete with a quick release coupling with "Bogdanov" type.

Hydrant valve (isolation valve DN50) and one (01) outlet shall be arranged so that the hand wheel and outlet with quick release coupling with "Bogdanov" type are readily available for use and are easy to operate, outlets fitted with brass/bronze ball valves, cap & chain.

Hydrant assembly shall be satisfactorily tested and proved water tight under a hydraulic pressure of 1.50 times the design pressure (min. 1.2 MPa).

Operating Pressure of Fire Hydrant is 0.7 MPa

5.4.2 Fire hydrant cabinet c/w 01 fire hose reel, 01 fire hose nozzle

Fire Hydrant Cabinet has sufficient size to put 01 fire-hose reel, 01 hose jet nozzle.

Every hydrant will have an attached utility cabinet containing the following:

- 1 x 50mm x 20m long flat pressure fire-hose with DN50 mm, Design Pressure min. 1.2 MPa (rubberized, made of synthetic fibers) fitted instantaneous quick release coupling with "Bogdanov" type.
- 1 (one) hose jet nozzle c/w isolated valve, made of bronze or Stanless steel alloy, Design Pressure min. 1.2 MPa.

Flowing medium: sea water.

The hose jet nozzle, made of bronze or Stanless steel alloy, not oxidized by the marine environment; Coupling with "Bogdanov" type; Working water flow adjusted as 4 level (l / min): from 100 to 460 or greater;





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Working pressure: ≥ 07 bar/Testing pressure: ≥ 10 bar;

The length of dense jet shall not be less than 12 m of the minimum pressure is 0.35 MPa.

The cabinet design shall provide placing the fire hydrant, fire-hose of mentioned length and hose jet nozzle in the cabinet.

The cabinet shall be mounted on open deck.

The cabinet with min. 3 mm thickness for stainless steel or 5mm thickness for GRP shall be painted with 3 coats of anticorrosive fire red paint from out site and inside.

The cabinet design shall provide the door opening for 180°. The opened door shall not be an obstacle.

Cabinets to be painted red with the words "HYDRANT CABINET" and Vietsovpetro's logo;
 All components of the item shall be fabricated of sea water resistant materials.

SAFETY EQUIPMENT

5.5 First Aid Kits and Cabinets

5.5.1 General

- a. The materials, methods of manufacture, performance and testing of the first aid kits and components, instructions and markings shall be in accordance with international health and safety (first aid) regulations. The first aid kits shall be statutory approved with contents suitable for 10 persons;
- b. The first aid kits shall be portable and suitable for outdoor installation; and
- c. As a minimum, each first aid kit shall have the following contents (ANSI Z308.1-2003 Type III Mobile Outdoor First Aid Kit):

ITEM	MINIMUM QUANTITY
Absorbent compress, 32 sq.in. (81.3 sq.cm.) With no side smaller than 4 in. (10 cm)	1
Adhesive bandages, 1 in. x 3 in. (2.5 cm x 7.5 cm)	16
Adhesive tape, 5 yd. (457.2 cm) total	1
Antiseptic, 0.5 g (0.14 fl oz.) applications	10
Burn treatment, 0.5 g (0.14 fl. oz.) applications	6
Medical exam gloves	2 pair
Sterile pads, 3 in. x 3 in. (7.5 x 7.5 cm)	4
Triangular bandage, 40 in. x 40 in. x 56 in. (101 cm x 101 cm x 142 cm)	1
Dressing Strip, 6 mm	24





ITEM	MINIMUM QUANTITY
Roll of Stretch Bandage	1
100 ml. Bottle Saline Solution	1
Disposable Hand Towels	3
Visine Eye Drops, Eye Wash bottle,	2
Individual Plastic Bags	3

5.5.2 Cabinet

- a. The first aid kit cabinets shall be a fully enclosed cabinet protected, constructed from UV resistant GRP;
- b. Cabinets to be painted with the word "FIRST AID KIT" and Vietsovpetro's logo;
- c. The first aid kit cabinets shall be made of fire retardant material;
- d. The cabinet fitting shall be of stainless steel 316;
- e. Hinges, hinge pins, fixing nuts and bolts shall be stainless steel 316
- f. The cabinets shall be suitable for installation outdoors in a marine environment; and
- g. The cabinet shall be provided with handle and bracket suitable for wall mounting.

5.6 Eyewash Station – Portable

5.6.1 Portable Eyewash Station

- a) Must provide a means of controlled flow to both eyes simultaneously at a velocity low enough to be non-injurious.
- b) About 15 gallon **stainless steel pressurized tank**. Tank has built-in carrying handles, air intake valve, pressure gauge and pressure relief valve. Tank has approximately 10 gallons (37.9 liters) usable capacity.
- c) Two spray heads, each with a "flip top" dust cover, internal flow control and filter. 1/2" IPS chrome plated brass stay-open ball valve with flag handle. Pressure regulator controls eyewash flow to 0.65 GPM for 15 minutes.
- d) Unit is fully assembled, pressurized and water tested at the factory. Unit is depressurized and emptied prior to shipping. Some assembly required in field.
- e) The unit shall comply with all the requirements stated in ANSI Z358.1.

5.6.2 Fixed - Eyewash Station

- a) Must provide a means of controlled flow to both eyes simultaneously at a velocity low enough to be non-injurious.
- b) Shall include a stainless steel round bowl.
- c) Eyewash head shall feature inverted directional laminar flow which achieves Zero Vertical Velocity supplied by an integral 3.7 gpm flow control, chrome-plated brass





stay-open ball valve equipped with stainless steel ball and stem, and chrome-plated brass in-line 50 x 50 mesh water strainer.

- d) Unit shall also include cast-aluminum chromate protected wall bracket, yellow plastic pop-off dust cover for eyewash head, universal sign, 1/2" NPT inlet, and 1-1/4" NPT waste.
- e) Shall be designed so that the flushing flow remains on without the use of the operator's hands. The valve shall be simple to operate and go from "off" to "on" in one second or less.

5.7 Electric Shock Rescue Kits (LV / HV) and Cabinets

5.7.1 General

- a. The electric shock rescue kits shall be suitable for offshore use and include the following as a minimum:-
- 1 x Insulated Safety Rescue Hook (approx. 1000 mm length x 25 mm ID with wall mounting accessories) – Boddington's or equivalent;
 - 1 x Line Tester;
 - 1 x Pair of Rubber Boots (EN 345, BS or other approved equivalent standard);
 - 1 x Pair of Electrical Insulated Gloves (EN 60903, BS or other approved equivalent standard);
 - 1 x Insulated Cable cutter $\leq 1000V$;
 - 1 x Static mats (Boddingtons or equivalent); and
 - 1 x CPR mask and Instructions for CPR.
- b. All the equipment shall be suitable for the highest voltage available on platform i.e. 22 kV.

5.7.2 Cabinet

- a. The electric shock rescue equipment cabinets shall be supplied as a fully assembled factory tested unit. The cabinets shall be fully enclosed and weather proof protected. The cabinets shall be constructed from UV resistant GRP and shall have drain holes.
- b. The electric shock rescue equipment cabinets shall be made of fire retardant material. The cabinet fitting shall be of stainless steel 316. The cabinets shall be suitable for installation outdoors in a marine environment. Lifting arrangement shall be provided for all cabinets;
- c. Hinges, hinge pins, fixing nuts and bolts shall be stainless steel 316;
- d. The electric shock rescue equipment cabinets shall be suitable for welding or bolting to the deck or fixing with wall/ floor. The cabinet door shall be arranged for full and easy access to all items for emergency operation and routine maintenance. The cabinets shall have a top opening door, self-latching in the open position. The minimum door opening angle shall be 90°. Safety rescue hook shall be mounted on wall. Supplier shall provide accessories required for mounting; and





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- e. The cabinet shall be painted with the word "ELECTRIC SHOCK RESCUE KITS" and Vietsovpetro's logo;

5.8 Basket type sketcher

- a. The basket stretchers shall not exceed 2160 x 610 x 250 mm. The basket stretchers shall have a maximum load capacity of 272 kg and the lifting sling shall have a maximum load capacity of 230 kg;
- b. The materials, methods of manufacture, performance and testing of the stretchers and components, instructions and markings shall be in accordance with the recognized international standards;
- c. The basket stretchers shall be constructed from a polyethylene shell and a tubular aluminum frame. The basket stretchers shall be designed for use with a four point lifting sling. The basket stretchers shall be designed for lifts in a horizontal and vertical position and shall be provided with restraint straps. The basket stretcher shall be provided with compatible backboard;
- d. Each basket stretchers shall include adjustable foot rest for vertical lifting and
- e. Appropriate pick-up bridle or four-point lifting sling shall be provided with stretcher.

LIFE SAVING EQUIPMENT (LSA)

5.9 Life Rafts and Support Cradles

5.9.1 General

- a. Life rafts shall be Self-Righting type Life raft;
- b. Life rafts suitable for 10 persons each (i.e. 10 POB);
- c. Life rafts shall be inflatable type. The life raft shall inflate when painter line is pulled. The life rafts shall be fitted with an efficient painter of length equal to a minimum of 30 meters (reference), VTA base on location of life raft;
- d. The materials, methods of manufacture and performance of the life rafts, instructions and markings shall be in accordance with LSA Code, SOLAS;
- e. The life rafts shall be constructed from natural rubber coated nylon webbing;
- f. The life raft will be supplied within a container;
- g. Each life raft shall be provided with LSA Code, SOLAS A Emergency Pack;
- h. Support cradles shall be supplied so as to enable single person deployment;
- i. The lifespan, replacement and/or refurbishment dates of the life rafts shall be advised by the Supplier as part of the Tender; and
- j. The canopy and container of each life raft shall be marked in contrasting colour





- k. Life raft shall be manufacturers' product, which is easily and not expensive serviced by local services companies annually (at least 02 company services in the South of Việt Nam).

5.9.2 Construction

The support cradles for life rafts shall be made of galvanized steel. The support cradles shall be suitable for welding or bolting to the deck.

5.9.3 Testing

The life raft shall be tested as per all the tests specified in "IMO MSC 81(70) REVISED RECOMMENDATION ON TESTING OF LIFE-SAVING APPLIANCES. THE MARITIME SAFETY COMMITTEE".

5.10 Life Buoys and Bracket

5.10.1 General

- a. The materials, methods of manufacture and performance of the life buoys, instructions and markings shall be in accordance with SOLAS. The life buoys shall be injection molded with polythene outer skin and polyurethane foam filled.
- b. Lifebuoy shall be 762 mm (30 inch) size (the outer diameter shall not be more than 800 mm and an inner diameter of not less than 400 mm);
- c. The lifebuoy has a mass of not less than 2.5 kg;
- d. The life buoys shall have a maximum stowage height of 19 m and shall have a minimum buoyancy of 14.5 kg;
- e. The life buoys shall be fitted with grab lines made of approved synthetic rope, not less than 9.5mm in diameter and not less than 4 times of the outside diameter of the body of the buoy in length. The grab line shall be secured at 4 equidistance points around the circumference of the buoy to form four equal loops;
- f. The buoyant line (painter) of length equal to a minimum of 38 m. The buoyant line shall be stored separately (not attached to lifebuoy) in the lifebuoy bracket;
- g. Buoyant line shall be of approved, buoyant, international orange color synthetic rope and shall be supplied with a storage bag to protect the rope and to ensure that it will not become entangled upon deployment;
- h. The life buoys shall be marked with four equidistant inset 50 mm width channels for fitting and protecting retro-reflective tape;
- i. The life buoys shall have standard accessories;
- j. The lifebuoy self-igniting light, lifebuoy self-igniting smoke shall as per LSA Code, SOLAS. This light shall activate in contact with water.
- k. Life buoys shall be colored international orange.





5.10.2 Brackets

- a. A galvanized steel bracket suitable for handrail mounting shall be provided for each life buoy, and
- b. A galvanized steel bracket suitable for handrail mounting shall be provided for each self-igniting light to be installed adjacent to each lifebuoy; and
- c. A galvanized steel bracket suitable for handrail mounting shall be provided for each smoke signal to be installed adjacent to respective life buoy.

5.10.3 Testing

The life buoy shall be tested as per all the tests specified in "IMO MSC 81(70) REVISED RECOMMENDATION ON TESTING OF LIFE-SAVING APPLIANCES. THE MARITIME SAFETY COMMITTEE".

5.11 Life Jackets and Cabinets

5.11.1 Lifejackets

- a. The materials, methods of manufacture and performance of the life jackets, instructions and markings shall be in accordance with SOLAS. The life jackets shall be foam type.
- b. The life jacket covers shall be spark resistant. The waist belts shall be fully adjustable with a buckle and have a back strap;
- c. The lifejackets shall be provided with crotch strap;
- d. The life jackets will have minimum buoyancy for adult man (16 kg in fresh water for 24 hours);
- e. The life jackets shall be provided with the following accessories: a plastic non-clog whistle, a LSA Code, SOLAS approved strobe light (to be activated on immersion), a retro-reflective tape strip, spray hood and grab loop. Batteries for each light shall be included;
- f. The life jacket shall have self-igniting/ self-activating light as per SOLAS. This light shall activate in contact with water.
- g. The life jackets shall be highly visible (yellow or international orange color).

5.11.2 Life jacket cabinets

- a. All life jackets to be stored in cabinets near Life rafts;
- b. The cabinets shall be supplied as a fully assembled factory tested unit. The cabinets shall be fully enclosed and weather proof protected. The cabinets shall be constructed from UV resistant material, with min. 3 mm thickness for stainless steel or 5mm thickness for GRP and shall have drain holes ($\Phi \leq 15\text{mm}$).
- c. The cabinets shall be made of fire retardant material. The cabinets fitting shall be of stainless steel 316. The cabinets shall be suitable for installation outdoors in a marine environment. Lifting arrangement shall be provided for all cabinets;





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- d. Hinges, hinge pins, fixing nuts and bolts shall be stainless steel 316
- e. The life jacket cabinets shall have a permanently fixed and durable nameplate detailing the cabinet contents and operating instructions;
- f. The life jacket cabinets shall be suitable for welding or bolting to the deck and/ or fixing to hand rails and the cabinet door shall be roller shutter type;
- g. The cabinets shall be stenciled with "LIFE JACKETS" and Vietsovpetro's logo;
- h. Life jacket cabinets shall be suitable for storing 10 nos. per cabinet, of life jackets respectively.

5.11.3 Testing

The life jackets shall be tested as per all the tests specified in "IMO MSC 81(70) REVISED RECOMMENDATION ON TESTING OF LIFE-SAVING APPLIANCES. THE MARITIME SAFETY COMMITTEE".

5.12 Quick Descending Device and Cabinets

5.12.1 General

- a. Quick descending device provided shall be Donut Safety Systems or equivalent and located as per the Survival and Fire Fighting Equipment Layout.
- b. A unit of descending device with safety harness shall be provided near to the vicinity of the crane operator cabin.
- c. The descending device shall be provided with a harness, containment bag, descended unit, high strength tape, wire strop and a quick release mechanism.
- d. The descending devices shall have a sufficient length of at least 30m for safe egress.
- e. The descending device shall meet any international standard OSHA/ ANSI / EN or equivalent.
- f. The maximum capacity for the descending device shall be least 140kg including weight of the user plus clothing, tools and other users-borne objects.
- g. The descending device shall be able to automatically adjust to the user's body weight and lowers the evacuee at a controlled rate of 6ft/s.

5.12.2 Quick Descending Device cabinets

- i. Every 10 pcs. of Quick Descending Device to be stored in 01 cabinet near Life rafts and 02 pcs. to be stored in crane cabin;
- j. The cabinets shall be supplied as a fully assembled factory tested unit. The cabinets shall be fully enclosed and weather proof protected. The cabinets shall be constructed from UV resistant material, with min. 3 mm thickness for stainless steel or 5mm thickness for GRP and shall have drain holes. Cabinets shall be painted orange to code 06E51 of BS 4800;





- k. The cabinets shall be made of fire retardant material. The cabinets fitting shall be of stainless steel 316. The cabinets shall be suitable for installation outdoors in a marine environment. Lifting arrangement shall be provided for all cabinets;
- l. Hinges, hinge pins, fixing nuts and bolts shall be stainless steel 316;
- m. The cabinets shall have a permanently fixed and durable nameplate detailing the cabinet contents and operating instructions;
- n. The cabinets shall be suitable for welding or bolting to the deck and/ or fixing to hand rails and the cabinet door shall be roller shutter type;
- o. The cabinets shall be painted with word "QUICK DESCENDING DEVICE" and Vietsovpetro's logo;
- p. Quick Descending Device cabinets shall be suitable for storing 10 nos per cabinet.

5.13 Safety Signs

- a. Safety signs shall be provided throughout the installation combining the geometrical shape, color and pictorial symbol to give specific health/safety of emergency information and/or instructions for personnel. On all safety signs text shall be both in Vietnamese (top) and English (bottom);
- b. Safety signs design shall be done in accordance with BS 5378, BS 5499, IMO.
- c. Safety signs shall be provided to inform personnel of escape routes, emergency exits, fire-fighting and rescue equipment locations;
- d. All emergency signs shall be at least photo-luminescent type. Moreover they should be illuminated by: self-powered luminescent
- e. Color, shape and dimension of safety and emergency signs shall be categorized as per BS 5378 under the following categories:
- f. Safety signs shall be built with from laminated plastic with UV filter layer mounted on a 316 stainless steel sheet;
- g. Materials and printing shall be highly resistant to fading due to exposure to sunlight, weather and chemicals expected on an offshore platform;
- h. Mounting holes shall be provided as applicable in suitable quantities and locations depending on sign size. Mounting holes shall be edge sealed and shall not damage the fire rating of any wall or door and surface coating of steelwork;
- i. The size of the signs shall be suitable to be viewed from 20 meters;
- j. All signs shall have standardized dimensions, unless specified otherwise;
- k. The type, location and quantities of signs are detailed in the Safety Sign Layout drawing.














Safety Signs		Dimension	Remark
No.	Description		
II. INFORMATION SIGNS – ADDITIONAL SIGNS – EVACUATION SIGNS (SIGN BACKGROUND – GREEN)			
1	Exit indicator	280x110	
2	Inflatable life raft	280x360	
3	Lifebuoy with line and self-igniting light	280x280	
4	Lifebuoy with self-igniting smoked signal and self-igniting light	280x280	
5	Lifebuoy with self-igniting light	280x280	
6	Life jacket	280x280	
7	Embarkation area	280x280	
8	"Helideck"	280x110	
9	Movement direction	280x280	
10	Move direction	280x280	
11	Pushed	280x280	
12	Eyewash station	280x280	
II. WARNING AND MANDATORY SIGNS (BACKGROUND – DARK BLUE)			
1	Put safety helmet on!	Ø 280	



[Handwritten mark]



Safety Signs		Dimension	Remark
No.	Description		
2	Put protective ears heads on!	Ø 280	
III.	FIRE SAFETY SIGNS (BACKGROUND – RED)		
2	Fire extinguisher	280x280	
3	Fire plan	280x280	
3	Fire hose and nozzle	280x280	
IV.	WARNING SIGNS (SIGN BACKGROUND – YELLOW)		
1	Fire hazard inflammables	360*	
2	Danger. Cargo drop	360*	
3	Electric shock hazard	360*	
4	Automatic switch (start) of equipment	360*	
5	No smoking	280*	
VI.	MARKING STRIPE		
1	Marking stripe. Yellow-green color – width 30 mm		

5.14 Swing Rope

5.14.1 General

Swing rope is type of personnel transfer from vessel to platform.





The VENDOR's scope of supply of swing ropes shall be completed with the following as show in in figure 5.1:

- Two swing ropes c/w 7/8" crosby SS-414 wire rope thimble or equal.
- Two soft lay SS wire ropes c/w accessories: 3/8" crosby SS-414 wire rope thimble or equal; splice with SS compression sleeve; thread cable thru thimble & clamp w/2-3/16" crosby cable clips; 3/8" crosby SS-414 wire rope thimble or equal; 7/8" 304 SS screw pin anchor shackle with cotter/safety pin.
- Two wire rope cables c/w thread cable thru thimble & clamp crosby cable clips and loop cable over top rail of hand rail & clamp crosby cable clips;

Swing ropes should meet the following specifications:

- a. Diameter of swing rope should be 1 inches, length 17m. A three strand, twisted, natural fiber Manila rope is recommended.
- b. The top ten feet of the swing rope which is connected to the structure shall be a least ¼ inch diameter stainless steel wire rope.
- c. Length of swing rope should be so bottom or rope is 2 - 4 inches above boat landing.
- d. The rope should have knot tied at the bottom and have a knot every 0.5 meter to approximately 3 meters above the bottom knot.
- e. There is a crosby SS-414 wire rope thimble or equal that assembly at the top of swing rope.
- f. There should be two swing ropes per boat landing level. One rope, the out board rope, should be positioned above the outer edge of the boat landing. One rope, the inboard rope, should be positioned one meter from the outer edge of the boat landing.



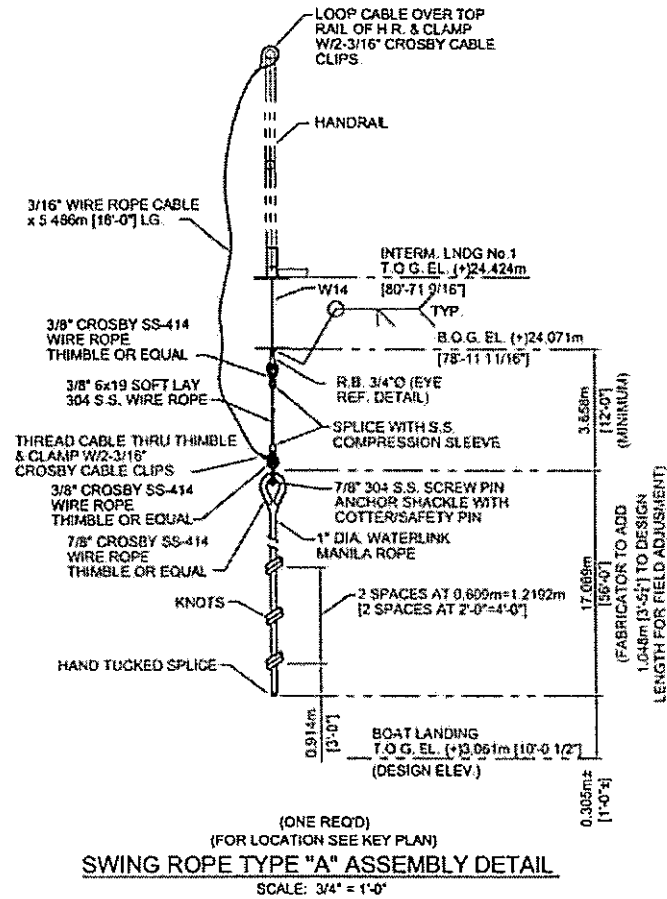


Figure 5.1: Swing rope

5.14.2 Testing

The swing ropes and accessories shall be tested in accordance with personnel transfer for offshore platform.

5.15 Helideck netting

- In general, deck netting used offshore should be durable and resistant to tropical marine environment including ultraviolet radiation, high tenacity, high friction, good color fastness to tropical marine environment
- Production is made from weather resistant UV-protected polyester and jute yarn tape construction.
- In addition to the material is electrostatically safe.
- In landing nets, the nets should include robust tension straps and ratchets that ensure balanced tightness and invariable shape.
- Dimension of Deck Netting: 15 x 15 (m).





- f. The mesh size of delivered net will not exceed the regulated maximum of 200 mm.
- g. The strength of rope/net is about ≥ 20 kN.
- h. Tape dimensions: 38 x 5 mm (width / thickness) for reference.
- i. Scope of supply consist but not limit of:
- ✓ Actual net;
 - ✓ 44 pcs of tap compatible 7m, length and attached, 3ton/35mm wide securing straps readily attached to net perimeter.
 - ✓ 44 pcs of Handle operated ratchet with loop and shackle (1,25 ton ratchet, 3 ton joining loop & 2T shackle), Stainless steel ratchet, galvanized green pin shackle;
 - ✓ Documentation included:
 - Type Approval Certificate;
 - Product Assessment Certificate;
 - Handbook;
 - Delivery Technical Certificate;
 - Certificate of origin and other additional materials on request against possible additional cost.
 - ✓ Packed into a textile carrying bag with carrying loops.
 - ✓ Fastening ratchets are delivered as options if ordered.

