


DISCIPLINE	SIGNATURE	DATE

**PIPELINE INSTALLATION PROJECT**

**SCOPE OF WORK FOR ROV SERVICES**

0	14-OCT-18	ISSUED FOR RFQ	CSU	ELA	ELA	ELA
REV.	DATE	DESCRIPTION	BY	CHK.	F/CHK.	APP.
CONTRACTOR	SCOPE OF WORK FOR ROV		 HILONG MARINE ENGINEERING (HONG KONG) LTD.			
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## 1 OBJECTIVE

This document has been created to provide the needful project information and technical specification for the Bidders to provide proper quotation for the provision of ROV services. In addition to the above this document also details out and defines the SUBCONTRACTOR's scope of work.

## 2 PROJECT SCOPE OF WORK

### 2.1 Scope of Work

The scope of work includes the installation below:

- 48" x 4.2 km Long Subsea Pipeline
- 48" Pipeline Shore Pull
- Associated Subsea Tie-in
- PLEM
- Mooring Chain
- SBM
- Pre-commissioning & Hydrotest

## 3 DEFINITIONS AND ABBREVIATIONS

The following definitions are used throughout this document.

T&I CONTRACTOR	:	Hilong Marine Engineering (Hong Kong) Limited
SUBCONTRACTOR	:	Organization appointed by T&I CONTRACTOR under a SUBCONTRACTOR agreement to perform a defined scope of specialized services
Vendor	:	Organization, supplier and /or manufacturer involved in provision of materials, equipment and services
Work	:	All of the agreed work under the CONTRACT

The following abbreviations are used throughout this document.

DLB	:	Derrick Lay Barge
HSE	:	Health Safety Environment
m	:	Meters
MWS	:	Marine Warranty Surveyor
PMT	:	Project Management Team
ROV	:	Remotely Operated Vehicle

SOW : Scope of Work

## **4 SUBCONTRACTOR SCOPE OF WORK**

### **4.1 General Requirement**

SUBCONTRACTOR's SOW shall include, but not limited to, the following;

- Provision of Heavy Work Class ROV system that would be utilized for Pipeline Installation onboard DLB H106.
- Perform continuous monitoring of pipeline touchdown point during pipe laying operation.
- ROV should having at least 500m of usable umbilical length – excluding the umbilical on the winch, to check the touch down point.
- Assist during initiation, laydown and recovery operation during pipelay.
- Provision of 3" wire cutter
- Assist and monitoring during subsea structure (PLEM, mooring, SBM) installation.
- Stinger check, pipe profile as deemed necessary
- To cut the sacrificial sling or mooring rope when required
- To support in any other assistance required such as taking fixes etc during pipelay operation as required
- Measurement / Reporting on spans & imperfections & debris
- Inspection of pipe laydown/start up head and PLEM for subsea spool tie-in
- Provision of Supervisors, Pilots and Technicians onboard during operation
- Project Management for the Works
- Provide all necessary documentation for T&I CONTRACTOR/CONTRACTOR/COMPANY review and approval
- Provision of all required certifications for equipment and personnel
- Participation to meetings and workshops as required by CONTRACTOR/COMPANY and T&I CONTRACTOR prior to commencement and during the operations (such as Risk Assessment workshops / Loss Prevention Studies)

SUBCONTRACTOR shall propose the spread which comply the project requirements, specification, industrial guidelines and all applicable codes. Project compliance shall be achieved in all aspects i.e., HSE, Quality and Marine Operation etc.

### **4.2 Project Schedule**

Key date given below are tentative:

The anticipated date of delivery is January 2021, duration 120 days.

SUBCONTRACTOR to expect that the date or duration might be changed based on the operation.

The spread and personnel mobilization date and location to be confirm.

SUBCONTRACTOR shall ensure the equipment being mobilized is tested, certified and working properly. SUBCONTRACTOR's equipment shall come with relevant and critical spares.

SUBCONTRACTOR's personnel shall have relevant work permits, valid offshore medicals and BOSIET certificates prior to mobilization. SUBCONTRACTOR shall supply and ensure personnel have the complete PPE throughout the Work, including specialized PPE required to carry out the Work.

#### **4.3 Technical Submission**

SUBCONTRACTOR shall provide the below documents during bidding stage, but not limited to the following:

- Company profile
- Past experience in similar services mentioned in this RFQ
- Equipment and consumables lists (specification, dimension and weight)