

## SLS (Slickline Services) & CHS (Cased Hole Services) Integrated Unit

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This project proposal is prepared for the CHS Development Plan (CHS Improvement Project)

### Abstract

As a company grows in Malaysia and internationally, it must provide high-quality services in sufficient quantities. To keep up with the expanding business, the company must meet high demand in terms of job execution and design. We can see both e-line and slickline operations on the same deck at E-11 this year. This was carried out by Deleum and Dimension Bid. From there, the deck space required for wireline intervention operations was significant.

The majority of the remaining deck space in SBA and SKA was insufficient to accommodate both interventions. As a result, by utilizing our integrated unit, we can perform the same job with fewer personnel on board and a smaller footprint on deck.

### Introduction

This project will be carried out with a combination of slickline, which is a thin cable inserted into a well to transport and recover equipment downhole, and a wireline, which is an electrical cable used to lower tools and communicate wellbore conditions. This idea lowers costs, footprints, and increases efficiency by requiring less personnel to perform both services. New technology, such as the dual drum unit, aligns with market trends and demand, but we chose to incorporate the same technology into our company's current unit. As a result, this project turned into SLS and CHS integrated unit.

### Problem Definition

We currently have only one Integrated Unit available for use. This project had never been completed on the job before, and we currently do not have any Standard Specific Procedures (SSP) implemented. However, based on our observations, we could improve this by revising all SSPs available to both our units.

### Benefit to Dimension Bid and to Client

For the company, it would benefit as below:

1. SSP (Standard Service Procedure) for handling the unit.
2. More manpower available to perform other job location – Less personnel on board to perform the job.

3. Can provide both services in one mobilization – E-line and Slickline services.

As for the client, it would benefit in terms of:

1. Less cost.
2. Operation time efficiency – one mobilization to perform slickline and e-line services.
3. Less footprints/Save deck space/Less personnel on board.

### Project Objectives

Main objectives of the project are to ensure the company could produce:

1. SSP (Standard Services Procedure) for handling the unit.
2. Provide execution Slickline services & Cased hole services in one mobilization.

### Project Deliverables & Time Line

This project commenced on early March 2024. The approach is to provide Slickline and E-line services at the same time during job in the future.

### Project Resources

Resources of this project mainly from the discussion with Maintenance Manager, Field Service Manager and Operation engineers.

### Project Cost

TBA

### Project Risks

Expected risk would be:

1. The job execution – Require job to perform this unit for the first time and need client approval before execution.

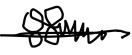


### Conclusion

By implementing this, we will be able to introduce this unit to our client and demonstrate the company's capability and performance in providing Slickline and E-line services in just one mobilization.

If this project is successful, we will be able to meet more client demands and market trends in the future.

### Notes:



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