

Title	Break Out Project					
Target Population	Field Engineers & Field Specialists					
This requirement is applicable to:	✓	JFE	✓	FST		EOT
	✓	FE1	✓	FS1		EO1
	✓	FE2	✓	FS2		EO2
			✓	FS3		EO3
					✓	GEO

Objective:

The objectives of this task are:

- To assess the employee's ability in applying critical thinking and problem solving
- To assess the employee's communication and organizational skills
- To assess the employee's technical, QHSE and management skills
- To assess the employee's ability in the entire DEE cycle; data collection & analysis, complete stages of job executions and job evaluations.
- Create an opportunity for the FE and FS to improve his presentation skills by practicing with a large and critical audience.

Tasks:

- Select an operational subject for the project and obtain approval from respective the Mentor and FSM. Mentoring and management supervision is essential in this technical exercise.
- For FE; collect and analyze all data required to do a complete design of the operation including all applicable Cerberus modules.
- Get involved in the pre-job preparations ie. all resources needed for the operations (personnel, and equipment).
- As the second supervisor on site, the FE / FS is expected to supervise and record the job execution therefore he needs to have a complete understanding of the operation.
- For the FE, prepare a technical evaluation of the actual operation design against the actual job. During this stage the FE must calibrate the job parameters for the upcoming operations (friction coefficient, fluid friction table, fluid rheology, additives concentrations, etc.).
- Prepare a technical presentation (up to 20 slides) supported by a detailed document in SPE paper format (4 pages min); taking into consideration all technical and operational aspects related to the project.
- Finalize the project and present to Line Management and technical team (Operation Engineer). You will have 20 minutes for presentation and 30 minutes for question and answer session.

DIMENSION BID

4" LOW PRESSURE MANIFOLD

Abstract

This project is a solution to the problem of time constraints as well as the use of many 4" hoses and fitting during rigup activities. In addition, this project also takes the safety factor of workers when they are in the area where a lot of hoses are scattered around can cause an accident. For the company can also generate income by charging rent to client.

Introduction

The start of this project after finding that there are always complaints, especially from client and employees about the problem of time constraints and insufficient materials during the rigup activity

Problem Definition

Effects of problems:

- The company's reputation is not trusted
- The work done is quite slow
- May cause workplace accidents

Benefit to Dimension Bid to Client

- Reduce rigup time
- Reduce use 4" hose and fitting
- Reduce hazard at workplace
- Generate income by charging rent to client.

DIMENSION BID



Project Objectives

This project is believed to be effective after taking into the time factor, the use of reduced materials and the limited work area.

Project Deliverables

We are confident that this project achieves the main goal of saving time, reducing the use of a lot of materials and creating a safer work environment. The effectiveness of this project will increase customer confidence in the company.

Project Time Line

Estimated time line for this project from start to end include timing received order from supplier around 45 to 60 day.

DIMENSION BID

Project Resources

The material needed for this project:

I.	6.5" Pipe SCH 80mm X 5 feet = 1 ea	RM 495
II.	6.0" Flange butt weld 150 = 2 ea	RM 640
III.	6.0" Butterfly valve EPDM seat = 1 ea	RM 450
IV.	6.0" Buttweld cap = 2 ea	RM 660
V.	4.0" Flange butt weld 150 = 12 ea	RM 2640
VI.	4.0" Butterfly valve EPDM seat = 6 ea	RM 1740
VII.	4.0" Hammer Union 206 NPT Thread = 3 set	RM 2850
VIII.	A193 B7 Stud Bolt c/w 2pc Nut 7/8x6.5lg = 56 ea	RM 1568
IX.	Paint and Others	RM 2000
X.	Manpower (Welder and Helper)	RM 2000

Project Cost

According from quotation from supplier for material and added with manpower, cost this project **RM 15 043.00** per unit.

Project Risk

The risk is very minimal because this project is very necessary. Cost which can be said to be very worthwhile and with the lack of maintenance.

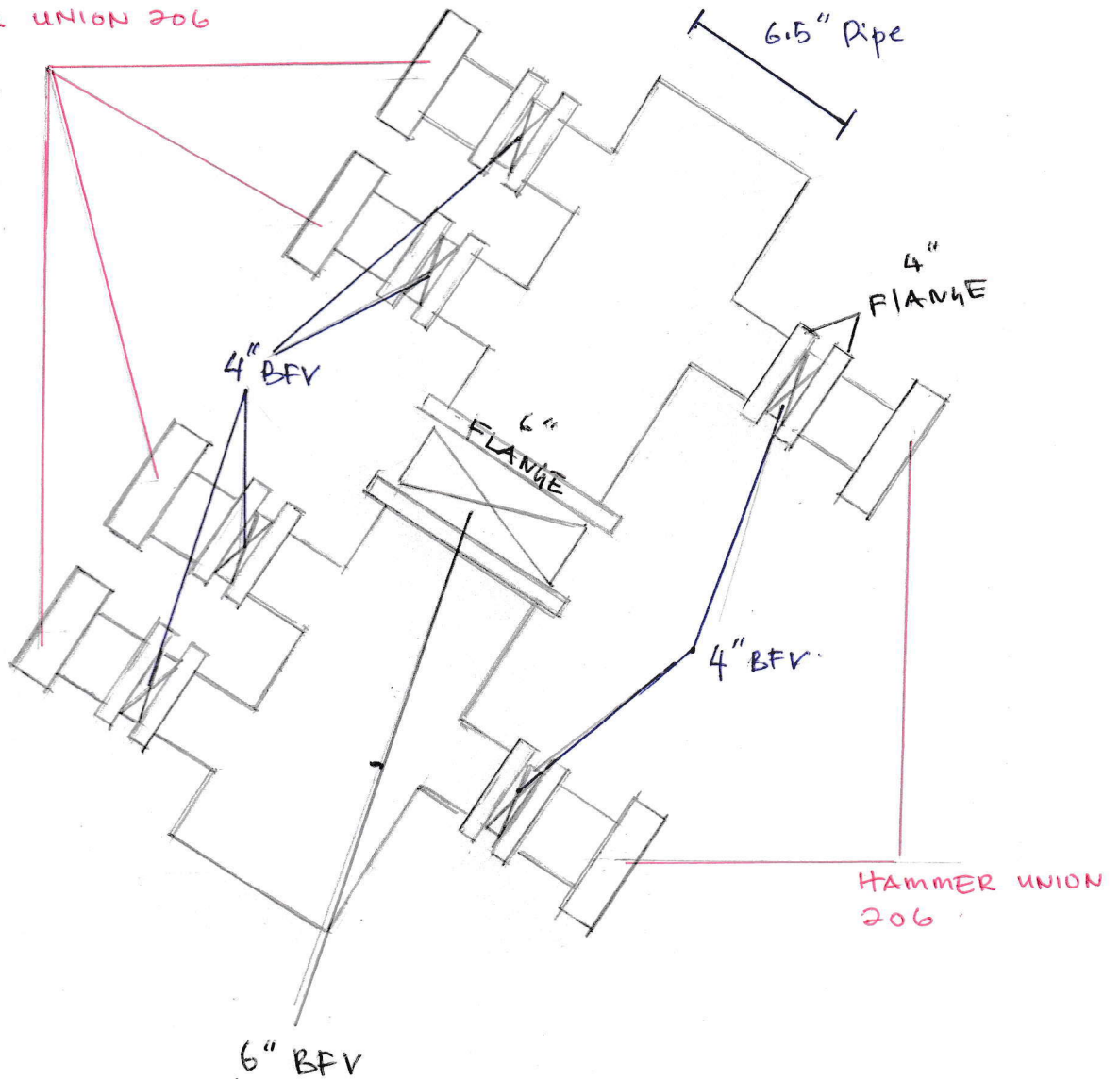
Conclusion

For the conclusion, this project is not costly and doable project. The risk for this project very minimal, can be used for long period of time, minimal maintenance and most important it can solve the problem about time.

DIMENSION BID

DRAWING 4" Low Pressure Manifold.

HAMER UNION 206



DIMENSION BID


MATERIAL REQUISITION

SLICKLINE ☐ ELINE ☐ CTS ☐ EMITE ☐ SAFETY ☐ ADMIN ☐ IBO ☐

DATE: 29/1/2024

WMO MR NO.: 11077

NO	DESCRIPTION	PART NO	SUPPLIER	QTY REQ.	UNIT	CURRENT BAL	U PRICE RM	PACKAGE of # UNIT	COST		REMARK
									CENTRE	ELEMENT	
1	6 1/2 Pipe Sch 80 mm 6mtr.			1	qm	0					-for Fabricated
2	6 1/2" Flange butt weld 150			4	ea	0					4" manifold.
3	4" Flange (Y504) SA 105N B16.5 (218)			14	ea	0					-Preparation for
4	6" Butterfly Valve			2	ea	0					CU#1 and CU#3
5	4" Butterfly Valve EPDM SEAT			14	ea	0					
6	Butt Weld 4"x1" threaded			2	ea	0					
7	Butt Weld 4"x4" threaded			14	ea	0					
8	4" Hammer Union 206 NPT threaded			8	set	0					
9	Stud bolt for flange 4"			256	ea	0					
10	1" Ball Valve			2	ea	0					CRMS 240001

REQUESTED BY: 

APPROVED BY: 

NAME: Delani Mwachia

POSITION: G.E.O

DATE: 29/1/2024

NAME: P. M. M. A. Z. A. P.

POSITION: PSM

DATE: 29/1/24

COST CENTRE

- A ADMINISTRATION
- B MAINTENANCE
- C OPERATION
- D EMITE
- E SAFETY
- F CAPEX

COST ELEMENT

- 1 CONSUMABLES
- 2 HAND TOOLS
- 3 SURFACE EQUIPMENT SPARE PARTS
- 4 SPARE FOR MAINTENANCE
- 5 WIRELINE TOOLS SPARE PARTS
- 6 PREVENTIVE MAINTENANCE
- 7 CORRECTIVE MAINTENANCE
- 8 ELASTOMERS
- 9 WIRE
- 10 TRAVELLING or TRANSPORTATION & TRAVEL
- 11 TRAINING
- 12 STATIONERY

COST ELEMENT

- 13 OFFICE / SITE/HSE MAINTENANCE
- 14 RENTAL or LEASING
- 15 EMR GAUGE
- 16 MIT
- 17 MPLT
- 18 LABORATORY
- 19 PPE & SAFETY EQUIPMENT
- 20 RADIATION
- 21 WASTE TREATMENT
- 22 ISO
- 23 HSE PROGRAM

V Hammer Engineering & Supply (CA 0313618 - W)
9719 Atas , Jalan Kubang Kurus , Taman Chukai Utama,
24000 Kemaman Terengganu.
Tel : 017-9678968 email : vhammerkmn@gmail.com

To : Dimension Bid (M) sdn Bhd

Quotation No : 1484-Feb-2024

Your Ref 11077

Attn -: Nisa

Date : 3-Feb-24

Item	Description	Qty	Unit Price	Amount RM
1	6 1/2" Pipe Sch 80 x 6 Meter	1.00 Ea	1,980.00	1,980.00
2	6" A105 WNRF Flange Buttweld	4.00 Ea	320.00	1,280.00
3	4" Flange 150 #	14.00 Ea	220.00	3,080.00
4	6" Butterfly Vlave EPDM Seat	2.00 Ea	450.00	900.00
5	4" Butterfly Vlave EPDM Seat	14.00 Ea	290.00	4,060.00
6	4" Hammer Union 206 NPT Threaded	8.00 Sets	950.00	7,600.00
7	1" Ball Vlave (Normal Type)	2.00 Ea	40.00	80.00

18,980.00

Validity : 7 days

Deliver Term : 12 to 18 Working Days

Payment Term : 60 Days

Winnie

V Hammer Engineering & Supply (CA-0313618-W)

9719, Up Stairs, Jalan Kubang Kurus, Taman Chukai Utama,
24000 Kemaman Terengganu.

Tel : 017-9678968 eemail : vhammerkmn@gmail.com

To : Dimension Bid (M) Sdn Bhd

Quotation No : 1591-Apr-2024

Your Ref : 11717

Attn : Nisa

Date : 8-Apr-24

item	Description	Qty	Unit Price	Amount
1	SS 304 Sch 40 Buttweld Cap 6"	6 Ea	330.00	1,980.00
2	SS 304 Welded 1" x 6 meter Sch 40	1 Lg	420.00	420.00
3	SS Ball Valve 1"	8 Ea	48.00	384.00
4	SS 304 /316 150# 1" MNPT x 1" MNPT	8 Ea	40.00	320.00
5	6" Buttweld Flange 150# A 105 Sch 40 C.S	12 Ea	250.00	3,000.00
	6" Buttweld Flange 150# SS 304 Sch 40	12 Ea	520.00	6,240.00
6	A193 B7 Stud Bolts c/w 2 Pcs Nut 7/8" x 6.5 Lg	256 Set	28.00	7,168.00
7	Butterfly Valve 6" EPDM Seat	4 Ea	480.00	1,920.00

21,432.00




Validity Day : 14 Days

Deliver term : 5 to 6 Working Days

Payment Term : 60 Days

Winnie

DIMENSION BID

	Prepared and Submitted By:	Verified By:	Approved By:
Sign:			
Name:	Delaini Ibrahim	Memo Sitatella Hassan	Rithwan Arwan
Position:	G.E.O	BASE COORDINATOR	PSM
Date:	10/4/2024	10/4/2024	10/4/2024

SQIP/BREAKOUT PROJECT EVALUATION FORM

COILED TUBING SERVICES

PERSONNEL DETAILS

FULL NAME

POSITION

Zaleni b. Ibrahim

G.E.O

PROJECT NAME

4" Low Pressure Manifold.

PROJECT FOCUS LEVEL

DATE OF PROJECT APPROVAL

18/4/2024

PROJECT OVERALL SCORE

DATE OF PROJECT PRESENTATION

16/6/2024

PROMOTION STEP

Rating (Please ✓ where appropriate)

EVALUATION CRITERIA

STRONG

ADEQUATE

IMPROVEMENT NEEDED

COMMENTS

10

9

8

7

6

5

4

3

2

PROJECT PRESENTATION

- 1 Audibility & Speech
- 2 Clarity & Organization
- 3 Visual Presentation
- 4 Hand-outs/Publication

- good presentation

PROJECT EVALUATION

- 1 Project Objectives
- 2 Project Implementation
- 3 Costing Beneficial
- 4 Project Impact on DB
- 5 Project Impact on Client
- 6 Continuous Monitoring and Improvement

- Good project/
impact to period
used equipment.

OTHERS

- 1 Proposal
- 2 Project Communication
- 3 Risk Control
- 4 Resources Management

- good.

PROJECT EVALUATOR

Good innovation.

CANDIDATE'S SIGNATURE

INSTRUCTOR'S SIGNATURE

MANAGER'S SIGNATURE

DATE

[Signature]

MOHD SHAHRIL HASSAN
BASE COORDINATOR
DIMENSION BID (M) SDN BHD
(Ref No: 309033-H)

M. KHAFID RIDHWAN AZIZAN
CTS FIELD SERVICE MANAGER
Dimension Bid (M) Sdn Bhd

12/6/2024

















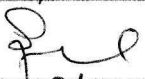


DIMENSION BID

ATTENDANCE FORM

TOPIC / SUBJECT: 4" Low Pressure Manifold.

DATE: 12/6/2024.

VALUE: open yard BSB.

NO	NAME	POSITION	SIGNATURE
1	Amirul Aul B. Mohd Zukri	EO	
2	Zakaria Muhammad	FS	
3	Mohd HAZWAN	FS	
4	Mohd Shahril Hassan	BE	
5	Mohd Firdaus B. Muhammad	EO	
6	Mohd Aul Mottamato	EO	
7	Mohamad Faiz Bashir	EO	
8	Mohd Sulaim B. Hassan	FS	
9	Mat Nor Hissari	FS	
10	Amirul Aiman B. Mohd Zukri	FS	
11	Syamil	EO	
12	AZHARU	GW	
13	Nik Nurizal Iskandar	EOT	
14	Azman	MT	
15	Azim	MT	
16	HAFIZUDDIN	FST	
17	Yusuf	MS	
18	Izham	EOT	
19	ZAKARIA	BTECH	

Notes:

- Project scope: the project is to be based on Coiled Tubing operation - Standard or Advanced services application. The evaluation is focusing on the employee's understanding on technical and operational process and his ability to apply them in the project.
- The FE/FS must be fully involved in the DEE cycle.
- The project should provide detail of all technical tools and/or software used to develop it.


REQUIRED EVIDENCE:

- 1 Slide Presentation
- 2 CTS-FORM-84 CTS Improvement Project Abstract Template
- 3 CTS-FORM-85 SQIP/Breakout Project Evaluation Form
- 4 Attendance Form




MENTOR / ASSESSOR's Comments & Recommendation:

- Good project - Improvement equipment from c/steel to s/steel.

Signature		Assessment Date	16/6/2024
Name	MOHD SHAHIN HASSAN BASE COORDINATOR DIMENSION BID (M) SDN BHD (Ref No: 309033-H)	Position	BASE COORDINATOR

FSM / OM Comments & Recommendation:

- Good innovation

Signature		Assessment Date	16/6/24
Name	M. KHAIRUL RIDHWAN AZIZAN CTS FIELD SERVICE MANAGER Dimension Bid (M) Sdn Bhd	Position	FSM