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 meterial 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

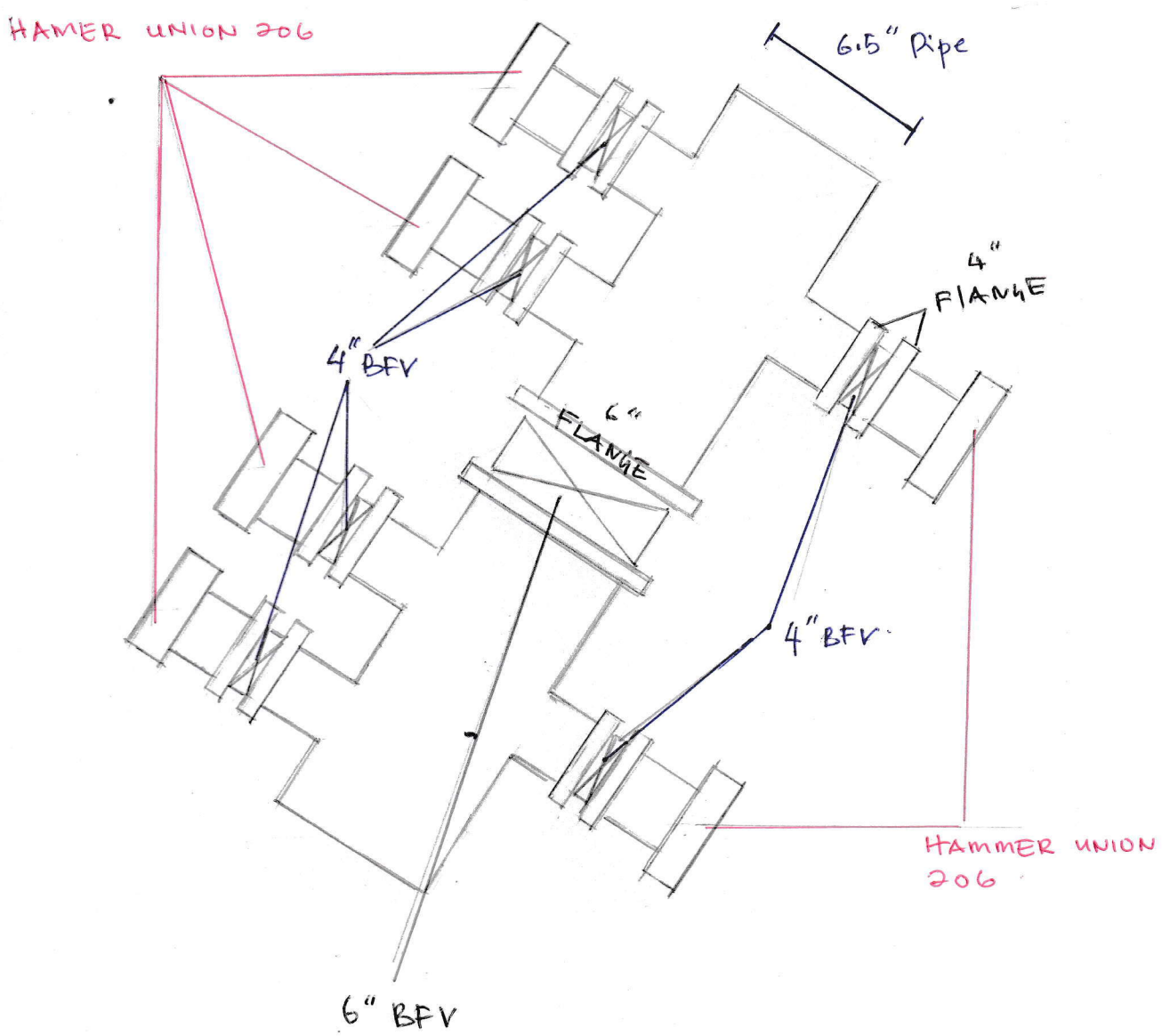
The risk is very minimal because this project is very necessary. Cost which can be said to be very worthwhile and with the lack of maintenance.

Conlusion

For the conlusion, 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.



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 or # UNIT	COST CENTRE	COST ELEMENT	REMARK
1	6½ Pipe Sch 80 mm 6mtr.			1	pcs	0					-for fabricated
2	6" Flange butt Welded 150			4	pcs	0					
3	4" Flange CT50ftSA 105N B16.5 (2018)			14	pcs	0					4" Manifold.
4	6" Buttfly Valve			2	pcs	0					
5	4" Buttfly Valve REPDM SEAT			14	pcs	0		CT 01	B	3	-Preparation for
6	Butt Weld 9"x 1" threaded			2	pcs	0					CTU #1 and CTU #3
7	Butt Weld 4"x 4" threaded			14	pcs	0					
8	4" Hammer Union 206 NPT threaded.			8	Set	0		02			
9	Stud bolt For flange 4"			256	pcs	0					
10	1" Ball Valve			2	pcs	0		03			CTMT24 0001

REQUESTED BY :

NAME : Zelani Hanchin.

POSITION : G.E.O

DATE : 29/1/2024.

APPROVED BY

NAME : HAIWAN A217AP

POSITION : PM

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 TRANSPOTATION & TRAVEL
11 TRAINING
12 STATIONERY

COST ELEMENT

13 OFFICE / STEPHSE MAINTENANCE
14 RENTAL or LEASING
15 EMR GAUGE
16 MIT
17 MPLT
18 LABORATORY
19 PPE & SAFETY EQUIPMENT
20 RADIATION
21 WASTE TREAMENT
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 eamail : 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

	Prepared and Submitted By:	Verified By:	Approved By:
Sign:			
Name:	Jalaini Ibrahim.	MOHD SHAHEL HASSAN	RIDHWAN AMRAN
Position:	G.E.O	BASE COORDINATOR.	PJM
Date:	10/4/2024.	10/4/2024.	10/4/2024.

DIMENSION BID

SQIP/BREAKOUT PROJECT EVALUATION FORM

COILED TUBING SERVICES

PERSONNEL DETAILS

FULL NAME	POSITION
Zalani b. Ibrahim	G.E.O

PROJECT NAME	4" Low Pressure Manifold.
PROJECT FOCUS LEVEL	
DATE OF PROJECT APPROVAL	18/4/2024
DATE OF PROJECT PRESENTATION	18/6/2024
PROMOTION STEP	
PROJECT OVERALL SCORE	

EVALUATION CRITERIA	Rating (Please √ where appropriate)									COMMENTS
	STRONG			ADEQUATE			IMPROVEMENT NEEDED			
	10	9	8	7	6	5	4	3	2	
PROJECT PRESENTATION										
1 Audibility & Speech				√						- Good presentation
2 Clarity & Organization				√						
3 Visual Presentation		√								
4 Hand-outs/Publication		√								
PROJECT EVALUATION										
1 Project Objectives		√								- Good project/ impact to period used equipment.
2 Project Implementation		√								
3 Costing Beneficial					√					
4 Project Impact on DB				√						
5 Project Impact on Client		√								
6 Continuos Monitoring and Improvement				√						
OTHERS										
1 Proposal		√								- Good.
2 Project Communication				√						
3 Risk Control					√					
4 Resources Management		√								

PROJECT EVALUATOR

Good innovation.

CANDIDATE'S SIGNATURE	INSTRUCTOR'S SIGNATURE	MANAGER'S SIGNATURE	DATE
	MOHD SHAHRIL HASSAN BASE COORDINATOR DIMENSION BID (M) SDN BHD (Ref No: 309033-H)	M. KHAIRUL RIDHWAN AZIZAN CTS FIELD SERVICE MANAGER Dimension Bid (M) Sdn Bhd	19/6/2024

DIMENSION BID

ATTENDANCE FORM

TOPIC / SUBJECT: 4" Low Pressure Manifold.
DATE: 19/6/2024.
VANUE: Open Yard KSB.

NO	NAME	POSITION	SIGNATURE
1	AMIRUL ALIF 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 ALIF MOHAMMAD	EO	
7	Muhamad Faiz Bashir	EO	
8	MOHD SHUKRI B BASRI	FS	
9.	Mat Nor Hissam	FS	
10.	AMIRUL AIMAN B. MOHD ZUKRI	FS	
11	syamil	EOT	
12	AZHARI	GEN	
13	NIK Nurul Iskandar	EOT	
14	Azman	MT	
15	AZIM	MT	
16	HAFIZUDDIN	FST	
17.	Yusof	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 SHAHRIL HASSAN BASE COORDINATOR DIMENSION BID (M) SDN BHD (Ref No: 309033-H)	Position	BASE COORDINATOR.

FSM / OM Comments & Recommendation:

- Good innovation

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