

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" Butt weld 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

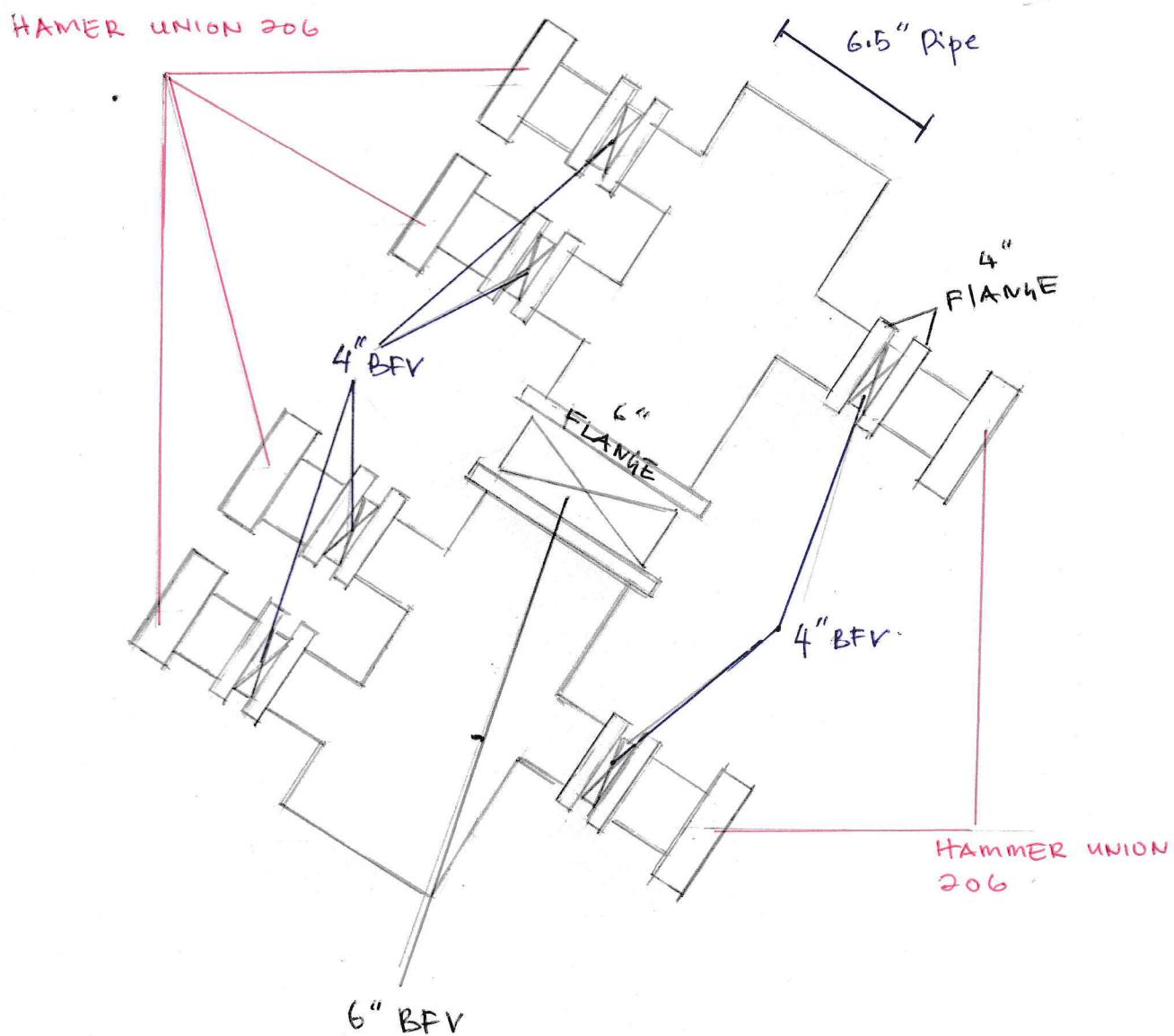
The risk is very minimal because this project is very necessary. Cost which can be said to be very worthwhile and with the lack of maintenance.

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.



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
2	6" A105 WNRF Flange Butt weld	4.00	Ea	320.00
3	4" Flange 150 #	14.00	Ea	220.00
4	6" Butterfly Valve EPDM Seat	2.00	Ea	450.00
5	4" Butterfly Valve EPDM Seat	14.00	Ea	290.00
6	4" Hammer Union 206 NPT Threaded	8.00	Sets	950.00
7	1" Ball Valve (Normal Type)	2.00	Ea	40.00
				18,980.00

Validity : 7 days

Delivery 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 e-mail : 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 Butt weld 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" Butt weld Flange 150# A 105 Sch 40 C.S	12 Ea	250.00	3,000.00
	6" Butt weld 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:	Jelani Ibrahim	memo stalter mazzoni	fultman ammar
Position:	G.E.O	base coordinator	PSM
Date:	10/4/2024	10/4/2024	10/4/2024

DIMENSION BID

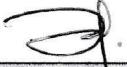
SQIP/BREAKOUT PROJECT EVALUATION FORM

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										
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/
2 Project Implementation										Impact to Period
3 Costing Beneficial										used equipment.
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

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

MANAGER'S SIGNATURE

M. KHURSHID RIDHWAH AZIZAN
CTS FIELD SERVICE MANAGER
Dimension Bid (M) Sdn Bhd

DATE

19/6/2024

DIMENSION BID

ATTENDANCE FORM

TOPIC/SUBJECT: 4" Low Pressure Manifold.

DATE: 19/6/2024.

VENUE: Open yard KSB.

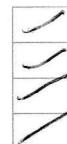
NO	NAME	POSITION	SIGNATURE
1	Amirul Aqif B. MOHD ZUKER	EO	
2	Zakariah Muhammad	FS	
3	MOHD HAZWAN	TS	
4	MOHD SYAHRIL HASSAN	BE	
5	MOHD FIRDAUS B. MUHAMMAD	FO	
6	MOHD ALIF MORTAHMAD	EO	
7	Mohamad Fairiz Bashir	EO	
8	MOHD SULAIMAN B. HASSAN	TS	
9	Mat Nor Hissam	FS	
10	Amirul Aiman B. MOHD ZUKER	TS	
11	syamli	EO/T	
12	AZHANI	GW	
13	NIK Daniah Iskandar	EOT	
14	Amanah	M7	
15	Azim	M7	
16	HAFIZUDDIN	FST	
17	Yusof	M8	
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 SHAHRI 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