

CHG 01658

To Eagleton 7/27

PLAINTIFF'S EXHIBIT

UPRC-133

COORDINATION PROCEDURE
FOR
CHAMPLIN PETROLEUM COMPANY

INTERCONNECTING PIPELINES
(AREA P)

WEST PLANT PROJECT, AFE 94793
CORPUS CHRISTI, TEXAS

Purchase Order No. 541-1249

EAGLETON ENGINEERING COMPANY
HOUSTON, Texas

July 20, 1981

DRAFT

CH/W-002843

1.0 INTRODUCTION

1.1 This Coordination Procedure establishes the functions and routine procedures to be followed by Champlin and Eagleton Engineering Co., hereinafter referred to as Champlin and EEC respectively, with regard to the project described below.

1.2 The official name of the project is:

West Plant Project, AFE 94793
Interconnecting Pipelines (Area P)

2.0 SCOPE OF PROJECT

2.1 The performance of and responsibility for the work is per the Purchase Order No. 541-1249.

3.0 PERSONNEL

3.1 The Champlin personnel that will be involved in the Interconnecting Pipeline work are:

Bart L. Luck - Project Manager-West Plant Project
Howard H. Hinds - Project Manager-Pipelines
John Berra - Project Engineer
Charles W. Shumate - Project Engineering Coordinator
Gary Sowinski - Procurement Coordinator

3.2 The EEC personnel that will be involved in the Interconnecting Pipeline work are:

John J. Atwood - Project Manager
Dwight L. Recht - Mechanical Engineer
Craig A. Kilmer - Civil/Structural Engineer
Samuel J. Cannella - Process Engineer
Jack R. Tracy - Instrument Engineer
Michael W. Carroll - Scheduling/Cost Engineer
Eugene C. Durand - Project Chief Draftsman
Jack A. Hasenbank - Senior Purchasing Agent

4.0 CORRESPONDENCE

4.1 General

- 4.1.1 All correspondence and attachments, except invoices, from EEC to Champlin shall be distributed as follows:

To: Bart L. Luck

cc: Howard H. Hinds
John Berra
Charles W. Shumate
File P-2.20

- 4.1.2 All correspondence from Champlin to EEC shall be as follows:

To: John J. Atwood

cc: Howard H. Hinds
John Berra
Charles W. Shumate
File P-1.20

- 4.1.3 EEC shall be responsible for further distribution within the EEC organization.

- 4.1.4 Each letter shall be limited to one subject.

- 4.1.5 All telephone calls which should be a matter of record shall be confirmed by letter by EEC.

- 4.1.6 EEC shall prepare and issue all Notes of Meetings.

4.2 Headings, Closures and Addresses

4.2.1 The heading of all letters originating with EEC shall be:

(Date)	
Letter No. _____	
Mr. B. L. Luck, Project Manager Champlin Petroleum Company Project Office 3535 Sage Rd. P. O. Box 22395 Houston, Texas 77027	
Subject: EEC P.O. No. 541-1249 West Plant Project, AFE 94793 Interconnecting Pipelines (Area P) (<u>Specific Subject</u>)	
Dear Mr. Luck:	Very truly yours, EAGLETON ENGINEERING COMPANY
	John J. Atwood Project Manager
Writers initials/typist initials	
cc: Howard H. Hinds John Berra Charles W. Shumate File: P-2.20	

4.2.2 All letters from EEC to Champlin shall be signed by or for the Project Manager.

The initials of the writer shall appear next to those of the typist.

- 4.2.3 The heading of all letters originating with Champlin shall be:

(Date)	
CHEE-3131-(number)	
Mr. John J. Atwood, Project Manager Eagleton Engineering Company 7555 Bellaire Boulevard P. O. Box 37009 Houston, Texas 77036	RE: EEC P.O. No. 541-1249 (Area P) Interconnecting Pipelines (SUBJECT)
Dear Mr. Atwood:	
Very truly yours, CHAMPLIN PETROLEUM COMPANY	
B. L. Luck Project Manager	
Writers initials/typist initials	
cc: Howard H. Hinds John Berra Charles W. Shumate	
File: P-1.20	

- 4.2.4 All letters from Champlin to EEC shall be signed by or for the Project Manager.

The initials of the writer shall appear next to those of the typist.

- 4.2.5 All correspondence, including telexes, shall be numbered consecutively.

4.3 Telephone Numbers

Champlin - main switchboard	713/654-2500
Bart L. Luck	654-2725
Howard H. Hinds	654-2602
John Berra	654-8225
Charles W. Shumate	654-2683
Gary Sowinski	654-2684
EEC -	713/771-0700

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champlin 

GS owinski

INTER-OFFICE CORRESPONDENCE

TO: Jed Robinson *JR*

OFFICE: Houston

FROM: B. L. Luck *BL*

DATE: November 3, 1981

SUBJECT: West Plant Project, AFE 94793
Offsites (OSBL) (Area F)
COST ESTIMATE FOR PROPOSED 12" GASOLINE PIPELINE
FROM AREA 91 TO DOCKS #4 & #5

cc: Howard Hinds
Charles Shumate
John Berra

Attached for your use is a cost estimate for a proposed 12-inch Gasoline Pipeline from Area 91 to Docks #4 & #5.

The cost estimate was prepared by Eagleton Engineering, the Interconnecting Pipeline design engineers.

A drawing to document the routing will be sent by a later transmittal.

JB JB/bb

Attachment

File: D-3.1
F-3.1
303

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CHAMPLIN TRADING COMPANY
CONSTRUCTION COST ESTIMATE
12" GASOLINE PIPELINE - POINT "D" TO DOCK #4 & #5

<u>Item</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit Cost</u>	<u>Total Cost</u>
1.	Materials			
a.	Line Pipe (Incl. 2% excess)			
	(1) 12.750" OD x 0.281" w.t., Gr. X-42	12,640 ft	\$ 13.30	\$ 168,100
b.	Miscellaneous			
	(1) 12" - ANSI 300 Valve	Lump Sum	-----	40,000
	(3 ea. manual, 2 ea. auto.)			
	(2) 12" Pipe Fittings	12 ea	650.00	7,800
	(3) 16" OD x 0.375" w.t. Casing	600 ft	19.00	11,400
	(4) Casing Seals, Insulators	lot	-----	2,200
	(5) 8" Loading Arm Assemblies	2 ea	50,000.00	100,000
	(6) Cathodic Protection	2.4 mi	1,000.00	2,400
	(7) Pipeline Supports and Guides	Lump Sum	-----	7,300
c.	Texas Sales or Use Tax	\$339,200	4 %	<u>13,600</u>
	SUBTOTAL - MATERIALS			\$ 352,800
2.	Installation			
a.	Install Line Pipe (Incl. Field Coating)			
	(1) Underground	8,500 ft	\$ 25.00	\$ 212,500
	(2) Above Ground (Supports by Others)	3,890 ft	17.00	66,100
b.	Install Casing (Boring)	600 ft	80.00	48,000
c.	Tie-in Point "D"	lot	-----	3,500
d.	Install Loading Arms	2 ea	10,000.00	<u>20,000</u>
	SUBTOTAL - INSTALLATION			\$ 350,100
3.	Service Contracts			
a.	Surveying	8,500 ft	\$ 1.25	\$ 10,600
b.	12" Line Pipe Ext. Epoxy Coating	12,640 ft	1.70	21,500
c.	12" Line Pipe Paint Coating	3,890 ft	3.50	13,600
d.	Radiographic Inspection	Lump Sum	-----	9,500
e.	Freight, Handling	Lump Sum	-----	<u>7,700</u>
	SUBTOTAL - SERVICE CONTRACTS			\$ 62,900
4.	Engineering, Drafting, Purchasing, QC and Project Management	Lump Sum	\$ -----	\$ 20,500
5.	Construction Management, Inspection and Material Control	Lump Sum	\$ -----	<u>\$ 18,000</u>
	PROJECT ESTIMATED COST			\$ 804,300
6.	Miscellaneous and Contingency	\$804,300	15 %	<u><u>\$ 120,700</u></u>
	PROJECT TOTAL ESTIMATED COST			\$ 925,000

Estimated Cost does not include right-of-way costs.
Distance calculated from Dock #4 & #5 to Point "D", plus 200 feet.
Design Pressure 720 psig, 0.125" corrosion allowance.

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12" GASOLINE LINE

From Point "D" to Dock No. 4 & Dock No. 5

Sta. No.

Sta. 0+00
 Sta. 2+00 Point D
 Sta. 3+00 Plant Rd. - Area 91
 Sta. 10+90 Centerline Corn Products Rd. 70' Long Casing
 Sta. 23+10 Plant Rd. - Area 90
 Sta. 27+75 P.I. 30°
 Sta. 30+75 P.I. 60°
 Sta. 32+65 P.I. 60°
 Sta. 33+55 Centerline Up River Rd. 100' Long Casing
 Sta. 34+75 P.I. 45°
 Sta. 38+80 Plant Rd. 50' Long Casing
 Sta. 46+10 Plant Rd. 200' Long Casing
 Sta. 51+40 P.I. 30°
 Sta. 52+20 Centerline MoPac R.R. 80' Long Casing
 Sta. 53+10 P.I. 90°
 Sta. 55+70 Foreign Line Crossing (3 Lines)
 Sta. 62+60 Centerline Drainage Canal
 Sta. 73+30 Centerline Drainage
 Sta. 77+60 P.I. 70°
 Sta. 79+20 Foreign Line Crossing (4 Lines)
 Sta. 79+70 P.I. 60°
 Sta. 83+80 Centerline Plant Rd. 80' Long Casing
 Sta. 85+00 Above Ground Transition
 Sta. 86+00 P.I. 90°
 Sta. 87+50 P.I. 90°
 Sta. 102+50 Tee to Dock No. 4 - Approx. 380 Feet
 Sta. 102+70 P.I. 15°
 Sta. 112+00 P.I. 90°
 Sta. 119+60 P.I. 90°
 Sta. 120+10 Loading Dock No. 5

Note: P.I. Angles Approximated