

Acme Coke  
11236 S. Torrence Ave.  
Chicago IL 60617



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COG line to Gas Holder replacement  
Dated: 1968

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July 15, 1968

R. A. Nagan.

Mr. E. F. Lowe

J. L. Bitner

C. O. Gas Line to Gas Holder

Recently, our department was requested to investigate the cost of replacing about 1,000 ft. of 24" dia. C. O. gas main leading to the gas holder. Attached is a quotation from J. W. Snook & Co. for installing plastic pipe vs. steel pipe. At this writing, the facts reveal that plastic pipe is the most attractive alternative to consider and the cheaper to install.

There also has been discussion on the possibility of going with one and/or a combination of the following alternatives:

1. Eliminate the existing gas holder, hence do not repair the gas main. Install instead, an air-gas mixing station and pressure regulating station to replace the holder. This will cost over \$175,000. to install, plus the cost of natural gas for emergency use. (Note: Peoples Gas will not enter into a contract for emergency gas without a specific day to day demand agreement).
2. Same action as No. 1, except install a pressure regulating station only to control swings at ovens and take the chance the emergency fuel will not be required. Cost about (\$5 - \$10,000?).
3. Reconnect fittings at Furnace Plant to ensure natural gas flow to Coke Plant if needed to maintain minimum heat requirements (2.5 million cu. ft.).

As long as "A" Furnace stays on natural gas injection this arrangement is feasible except during winter months.

4. Install proposed electric drive exhauster as soon as possible (it is presently scheduled for 1970 completion). Also expedite auxiliary steam supply project now scheduled for 1970 completion. These projects, in conjunction with a pressure regulating station would more than offset present risk conditions. Cost - \$500,000. (est.)



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5. Build a new gas holder at a different and more convenient location. (Cost undetermined).
6. Install a pressure regulating station and enter into an agreement with Peoples Gas for a D-1 rate. (This is based on a usage of 7 million cu. ft. per day. The rate holds whether this much gas is used or not used).
7. Do nothing to the existing system and depend on cooperation from Republic Steel when trouble develops to reverse the gas flow in order to maintain pressure at the batteries.
8. Resort to a minimum expenditure repair program to the gas main until Alternative No. 4 is complete.

It is our opinion that the magnitude of this situation is such that we will need assistance from Corporate Engineering in compiling a comprehensive report to be submitted to yourself, R. A. Nagan, J. W. Duncan, F. K. Armour, R. E. Touzalin and R. P. Winters for deciding which alternative will best serve the Coke Plant in the short and long run.

J. L. Bitner

jlb/fpm;lb

attachment



THE *J.W. Snook* CORPORATION

P.O. BOX 3126 • 1435 RIDGE ROAD • MUNSTER, INDIANA 46321

June 17, 1968

Interlake Steel Corporation  
11236 S. Torrence Avenue  
Chicago, Illinois 60617

Attention: Mr. Jim Bittner and  
Mr. Frank Mulenaro

Gentlemen:

Subject: 24" - 3/16" Wall Alac Resin #382 Pipe  
Coke Oven Gas Line - So. Chicago Plant  
Our Proposal No. 6882

We propose to furnish the necessary supervision, labor, tools, equipment, material, insurance and taxes to install the 24" Coke Oven Gas Line in accordance with the following drawings and Scope of Work - For the Lump Sum Price of:

FIFTY-TWO THOUSAND FIVE HUNDRED SEVENTY-SIX DOLLARS . . (\$52,576.00).

Breakdown:

Material . . . . . \$24,338.00  
Labor . . . . . 28,238.00

Our Proposal is based on working a normal forty (40) hour work week at existing material prices.

SCOPE OF WORK:

1. Furnish, install and support 1100' 0" of 24" 3/16" wall Alac Resin #382 pipe.
2. Furnish and install one (1) drip leg.

WORK BY OTHERS:

1. Purgings.
2. Painting.
3. Insulation.

CONDITIONS: The pipe will be supported below the top cross member of stanchion and bridge.

I am very sorry I did not have this proposal for you sooner, but I received Amercoat's quotation at 4:40 PM, June 14, 1968. If there are any questions you may have, please do not hesitate to call.

Respectfully,

*Richard J. Clark*  
R. J. Clark, Vice President  
INDUSTRIAL CONTRACTORS

In triplicate  
cc: Mr. Eric Gross



THE *J. W. Snook* CORPORATION

P.O. BOX 3126 • 1435 RIDGE ROAD • MUNSTER, INDIANA 46321

June 7, 1968

Interlake Steel Corporation  
11236 S. Torrence Avenue  
Chicago, Illinois 60617

Attention: Mr. Jim Bittner - Frank Mulenaro

Gentlemen:

Subject: 24" Steel Coke Oven Gas Line,  
South Chicago Plant  
Our Proposal No. 6883

We propose to furnish the necessary supervision, labor, tools, equipment, material, insurance and taxes to install the 24" Coke Oven Gas Line in accordance with the following drawings and scope of work-  
For the Lump Sum Price of:

FIFTY-SIX THOUSAND SEVEN HUNDRED FORTY-FIVE DOLLARS . . . (\$56,745.00).

Our proposal is based on working a normal forty (40) hour work week at existing material prices.

DRAWINGS: 37666, Rev. 1; 37574, Rev. 1; 37573, Rev. 2.

SCOPE OF WORK:

1. Furnish, install and support 1100' 0" of 24" Sch. 20 A-120-B pipe.
2. Furnish and install two (2) drip legs.
3. Install two (2) expansion joints.
4. Furnish and install two (2) anchors.

WORK BY OTHERS:

1. Purging.
2. Painting.
3. Insulation.

CONDITIONS:

1. We have not included reinforcing rings.
2. We have included long radius 90° weld elbows instead of mitered.
3. The pipe will be installed on the center cross member of stanchion.

We submit this proposal so that you can make a comparison between steel and Bondstrand. Our proposal on Bondstrand will follow as soon as material prices are received.

Respectfully,

*R. J. Clark*  
R. J. Clark, Vice President

RJC/hf  
(In triplicate)  
cc: Mr. Eric Gross

INDUSTRIAL CONTRACTORS