

UNITED STATES STEEL CORPORATION

TO Mr. W. J. Shuck
Chief Engineer
Clairton Works

DATE JAN 4 1967

FROM Mr. J. E. Duffy
Manager-Design

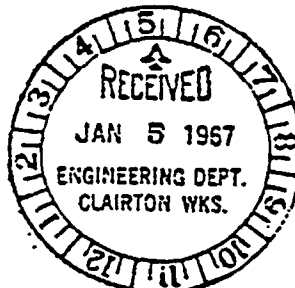
SUBJECT Vendors Proposals on Placed Orders
Keystone Project
535-4102

We are forwarding herewith one (1) complete copy of
successful Bidders' Proposals on the following placed orders:

<u>Order No.</u>	<u>Description</u>	<u>Vendor</u>
4102-132 535-96067	Spring and Pilot Operated Relief Valves	Anderson, Greenwood Co. (Autotrols)
4102-132 535-96067-A	Spring and Pilot Operated Relief Valves	Farris Engineering Corporation
4102-132 535-96067-B	Spring and Pilot Operated Relief Valves	Manning, Maxwell & Moore
4102-130 535-96065	Spring Operated Relief Valves	J. E. Lonergan Company
4102-62 535-96086	Insulation for Piping and Equipment	Armstrong Contracting and Supply Company
4102-62 535-96086-A	Insulation for Piping and Equipment	Johns Manville Sales Corporation
4102-64 535-96091	Painting of Equipment, Piping and Support Structures	Johnson Brothers Company
4102-64 535-96091-A	Painting of Equipment, Piping and Support Structures	Conomos Painting Company

Subsequent Proposals will be forwarded for your information and
files as the orders are placed.

ADR:bm
Enclosures



J. E. Duffy
PLAINTIFF'S
EXHIBIT
USX-92

USEID000294

UNITED STATES STEEL CORPORATION

TO Mr. W. J. Shuck
Chief Engineer
Clairton Works

DATE NOV 22 1966

FROM Mr. J. E. Duffy
Manager-Design

SUBJECT Insulation of Piping and Equipment
Keystone Project
535-4102

Recommendation for Placement No. 535-4102-62 covering Insulation of Piping and Equipment has been revised to specify purchase of 316 stainless steel jacketing of piping and to recognize up-dated quotations.

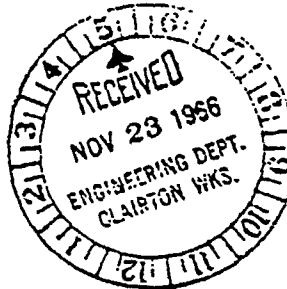
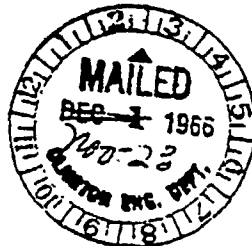
Enclosed for execution by Clairton management are:

1. Original and four copies of revised Recommendation for Placement, including Price Tabulation
2. Original and three signed copies of Purchase Requisition No. 535-96086 which have been corrected to show the proper amount provided
3. Bidders' Priced Proposals

To assist in expediting placement, please retain one copy of the Recommendation for Placement for your file and forward the remainder of the package directly to Mr. F. H. Barnes when all necessary signatures have been obtained. Please send us a copy of your transmittal letter to Mr. F. H. Barnes.

J. E. Duffy

JNB:crz
Enclosures



USEI000328

RECOMMENDATION FOR PLACEMENT UNITED STATES STEEL CORPORATION

PROJECT NO. 535-4102
APPROPRIATION NO. 1-0134-02
DATE AUTHORIZED 10-13-65
AMOUNT \$91,766,000.00
PROPRIATION TITLE
Facilities for Processing Coke-Oven Gas
System Project

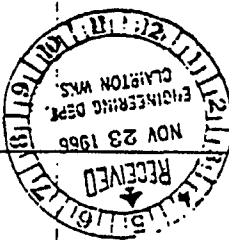
City of District
Pittsburgh
Design Engineering
Recommendation No. 535-4102-62
Date May 22 1966

DESCRIPTION OF THIS PURCHASE

Put in and Install Insulation for Piping and Equipment

ORDER NO. 535-96086-131 INQUIRY NO. 535-4102-62-131

SPECIFICATION NUMBER	AMOUNT ALLOR'D COST NO. 3/4	BIDDER	George V. Hamilton Inc.	Atkins Insulation Inc.	Perlite Manufacturing Company	Low Combination of Acceptable Bids	DATE OF PROPOSAL	PROMISED DELIVERY	FIRM PRICE
535-4102-62-131	\$1,000,000.00	Atkinson Contracting and Supply Co.	Johns-Manville Sales Corporation	George V. Hamilton Inc.	Atkins Insulation Inc.	Perlite Manufacturing Company	Low Combination of Acceptable Bids		
PRICE \$1,000,000.00									
Atkinson	INS-1	\$361,736.00	\$674,192.00	\$634,808.00	\$314,395.00	\$314,395.00			
Atkinson	INS-2	272,089.00	326,880.00	248,168.00		248,168.00			
Atkinson	INS-3	545,528.00	399,886.00	570,845.00		399,886.00			
TOTAL PRICE	Installed	\$1,179,353.00	\$1,400,958.00	\$1,453,821.00	\$314,395.00	\$962,449.00			
DATE OF PROPOSAL		8-23, 9-12	8-23, 9-27, 9-20	8-23, 9-26, 9-19, 11-2-66	11-2-66	0-22-66 9-7-66			
PROMISED DELIVERY		11 Months	Working Days 300	365 Days	Not Stated	Working Days 30			
FIRM PRICE		No	No	Yes	Not Stated	Yes			



ACCEPTABLE BIDDERS

All bidders are acceptable. It is recommended that the work be placed in the combination of multiple contracts achieving lowest total cost in final review.

REASONS FOR RECOMMENDATION

1. Armstrong Contracting and Supply Company, Johns-Manville Sales Corporation and George V. Hamilton, Inc. have quoted the entire work in accordance with our requirements and are acceptable.

Perlite Manufacturing Company has quoted only the Perlite (INS-2) portion of the work in accordance with the specification and is fully acceptable for this portion.

Atkins Insulation Inc. has quoted only the Alternate INS-1 portion of the work in accordance with the specification and is fully acceptable for this portion.

DECLINED INVITATION TO QUOTE

Johns-Stevenson Company, Inc.

535-140 REV. 164
\$1,000,000
100/100

MANAGEMENT APPROVALS DESIGN OR DISTRICT ENGINEERING	DISTRICT OPERATING <i>J. J. Smith</i>
VICE PRESIDENT OF OPERATIONS	CHIEF ENGINEER <i>P. J. Campbell</i>
EXECUTIVE ENGINEERING	
PURCHASING	
COMMITTEE	

USE1000329

RECOMMENDATION FOR PLACEMENT

Insulation for Piping and Equipment

R/P No. 535-4102-62

- 2 -

REASONS FOR RECOMMENDATION IN (Continued)

2. Lowest installed cost may be obtainable by award of the work in multiple contracts, one for installation of Styrofoam Insulation (Alternate INS-1), one for installation of Perlite (portion of INS-2), one for installation of slag wool (portion INS-2) and one for installation of insulation of hot piping (INS-3) or a combination thereof.
3. The order should be placed on the basis of buying Styrofoam Insulation (Alternate INS-1) and 316 stainless steel jacketing (304 stainless steel is not acceptable).
4. Bidder's proposals for furnishing 316 stainless steel jacketing of pipe insulation make no distinction between Penaglas and Styrofoam. The outside diameter of Styrofoam insulation covering is smaller than the outside diameter of Penaglas covering. Therefore, the quantity of stainless steel material required to cover Styrofoam is less than that required to cover Penaglas. Bidders should be requested to confirm that their quoted price recognizes this difference.

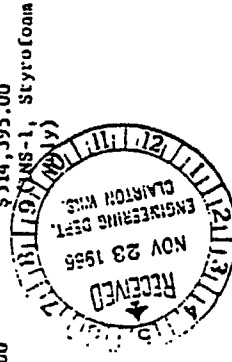
GG/bb
Design Engineering - Pittsburgh
November 17, 1966



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PRICE TABULATION
INSULATION FOR PIPING AND EQUIPMENT
 Keystone Project

Item No.	Contracting & Supply Corp.	Johns-Manville Sales Corp.	George V. Hamilton Inc.	Atlas Insulation Inc.	Perlite Manufacturing Company	Low Combination of Bids
1. Material No.	PI-866-31	R-106-ID	8386		896	
2. Material Date	8-23-66 9-12-66 10-2-66	8-23-66 9-20-66 9-27-66	8-23-66 9-19-66 9-26-66	11-2-66	9-22-66 9-7-66	
3. Price	Not Stated	No	Yes	Not Stated	Yes	
4. Completion (Days)	11 Months	300 Working Days	365 Days	Not Stated	30 Working Days	
5. Notes for furnishing and installing Styrofoam (Alternate INS-1) insulation. Cold lines and equipment	361,736.00	674,192.00	634,800.00	314,395.00	-	314,395.00
6. Notes for furnishing and installing INS-2, insulation of Cryogenic Temperatures	272,089.00	326,880.00	248,168.00	-	-	248,168.00
7. Alternate Portion only INS-2 (See "B")	(87,659.00)	(86,715.00)	(74,536.00)	-	(78,466.00)	-
8. Price for furnishing and installing INS-3 hot piping and equipment	545,528.00	399,886.00	570,845.00	-	-	399,886.00
9. Total cost for furnishing and installing all insulation	\$1,179,353.00	\$1,400,958.00	\$1,453,021.00	\$114,395.00	\$78,466.00 (Perlite Portion INS-2 only)	\$962,449.00



Engineering - Pittsburgh
 Nov. 17, 1966

USE1000331

TABLE OF AMOUNT ALLOWED
INSULATION FOR PIPING AND EQUIPMENT

<u>Account No.</u>	<u>Amount Allowed</u>
1101	113,358.00
1102	38,835.00
1103	14,564.00
1104	9,707.00
1105	15,534.00
1106	27,185.00
1107	1,942.00
1110	32,039.00
1235	11,650.00
1305	972.00
1316	38,835.00
1333	33,010.00
1350	25,243.00
1367	16,505.00
1376	12,622.00
1531	409,281.00
1537	40,777.00
1635	44,661.00
1636	11,650.00
1637	12,622.00
1638	4,854.00
1639	29,127.00
2203	<u>17,476.00</u>
	\$962,449.00

Funds Available from Item 34 \$1,000,000.00

USEI000332

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Design Engineering - Pittsburgh
November 17, 1966.