

**PLAINTIFF'S
EXHIBIT**

ARO-231

NOTICE TO BIDDERS

Inquiry No. 7100-14749
June 20, 1967

Proposals will be received by Kaiser Engineers, Inc., as Agent for Armco Steel Corporation (hereinafter called "Contractor"), in accordance with the attachments hereto, for performing the work set forth in the attached Proposal.

Proposal, in quintuplicate, shall be submitted only on the attached Proposal form, and shall be presented or mailed by the party executing said Proposal (hereinafter called "Bidder").

Proposal shall be presented or mailed under sealed cover to Kaiser Engineers, Inc., Attention Mr. Vern L. Frankson, Manager - Procurement, P. O. Box F, Middletown, Ohio, 45042. The envelope containing the Proposal shall be conspicuously marked as follows:

INQUIRY NO. 7100-14749
BUILT-UP ROOFING, ROOF INSULATION,
AND SHEET METAL WORK

DUE DATE: Proposals will be received by Contractor at the above address on or before July 3, 1967, 3:00 P.M., Eastern Daylight Savings Time.

LATE PROPOSALS WILL NOT BE CONSIDERED: Contractor assumes no responsibility for late delivery of Proposals, whether due to delays in U. S. Mail Service or otherwise, or for the loss or mishandling of Proposals.

WITHDRAWAL: The Proposal may be withdrawn by Bidder at any time prior to the above due date by submitting written Notice of Withdrawal to Contractor prior to due date without prejudicing Bidder's right to file another Proposal, provided such other Proposal complies with the terms and conditions hereof, and is received by Contractor on or before the due date set forth above.

REFERRALS: Proposals shall be submitted by Addressee only unless written permission to refer Proposal and attachments to another firm is first obtained from Contractor.

REJECTION: Altered, amended, modified, incomplete, or conditional Proposals may be rejected. Proposals are to be submitted by Bidder, and will only be considered by Contractor, upon the express understanding that Contractor reserves the unconditional right to reject any or all Proposals, and to waive irregularities therein, and the right in Contractor's absolute discretion to accept any particular Proposal submitted by any Bidder, even though the price or completion date, or both specified therein, may not be as favorable as any other Proposal.

SUB-CONTRACT PROVISION: Enclosed is an instrument designated Sub-Contract, which sets forth the terms, conditions, and provisions which shall be applicable to the proposed work.

ALTERNATE BIDS: Proposals must be based upon the plans and specifications without deviation. Bidders are not to submit alternate Proposals separate from the base Proposal unless specifically called for in this Notice to Bidders.

QUALIFICATION: Contractor may require evidence that Bidder is properly qualified and licensed to transact business in the state where the work is to be performed as a condition precedent to an award of the work hereunder.

SITE VISITATION: Bidders shall be deemed to have visited the site of the work and to have made all necessary investigations so as to have ascertained fully all pertinent conditions which may in any manner bear upon the performance of the work and the price to be proposed for the performance thereof, such as, but not limited to, the location, accessibility and general character of the site, labor conditions, character and extent of existing work within or adjacent thereto, and other work being performed thereon.

Bidders wishing to visit the jobsite must make arrangements forty-eight (48) hours prior to arrival by contacting Mr. C. W. Graff, Chief Sub-Contracts Engineer at telephone Area Code (513) 425-3325.

WAGES AND WORKING CONDITIONS: Bidders shall ascertain the wages and working conditions required by the Unions affiliated with the Building Trades Department (AFL-CIO) having jurisdiction over the work during its entire course. If awarded the Sub-Contract for the work, Bidder shall comply in all respects with the article of the Sub-Contract General Terms and Conditions entitled "Labor Provisions".

ADDITIONAL INFORMATION: Bidders requesting additional information regarding this bid, are advised to address their inquiries in writing to Kaiser Engineers, Inc., P. O. Box F, Middletown, Ohio, 45042, Attention to Mr. Donald K. Carlson, Project Purchasing Agent, or telephone 425-2256. Such inquiries or requests must be submitted in sufficient time prior to Proposal due date to enable Contractor to issue any necessary supplemental notices to this Notice to Bidders.

RETURN OF PLANS AND SPECIFICATIONS: All plans and specifications enclosed herewith are the property of Contractor or Owner. Upon receipt of Notice of Award of the work to another Bidder, unsuccessful Bidders must promptly return all plans and specifications to Contractor.

Very truly yours,

KAISER ENGINEERS, INC.
Agent for Armco Steel Corporation

Vern L. Frankson /dc
Vern L. Frankson
Manager - Procurement

VLF:DKC:pr1

PROPOSAL

Inquiry No. 7100-14749

Date _____

This Proposal is hereby submitted to Kaiser Engineers, Inc. (hereinafter called "Contractor") as Agent for Armco Steel Corporation (hereinafter called "Owner") pursuant to Contractor's Notice to Bidders dated June 20, 1967.

The Undersigned (hereinafter called "Bidder") proposes to Contractor, based upon the following facts and/or circumstances, to perform the work described below at Owner's Middletown Works, Middletown, Ohio.

Bidder acknowledges that he has visited and has thoroughly examined the site for the proposed work, and without limitation, has ascertained fully all pertinent conditions which may in any manner bear upon the performance of the work herein proposed and the compensation Bidder proposes therefor; acknowledges receipt of and familiarity with and understanding of the plans and specifications therefor, and the Sub-Contract forms, as well as the various instructions, information, requirements, terms and conditions covering the same, all as mentioned or referred to herein and in said Notice to Bidders.

WORK TO BE PERFORMED: Furnish all labor, tools, supervision, materials, supplies transportation, and equipment and do all things necessary to install roofing insulation, built-up roofing, and sheet metal work to the roof of the Owner's Soaking Pit Facilities, Project 7143; No. 4 Continuous Strip Pickle Line, Project 7156; and No. 5 Continuous Strip Pickle Line, Project 7159, including but not limited to, vapor barrier, mineral composition base flashings, and aluminized sheet metal gravel stops, all in strict accordance with Exhibit "A", all such work being hereinafter sometimes called "The Work".

COMMENCEMENT AND COMPLETION: Bidder proposes to commence The Work as of the date of the Sub-Contract, and to commence field work on the date specified in Contractor's Notice to Proceed with field work. It is anticipated that field work can commence on Soaking Pit Facilities on or about July 17, 1967, and Bidder proposes to complete this work as soon as due diligence and good practice will permit, but in no event later than August 18, 1967. It is presently anticipated that field work can commence on the #4 and #5 Continuous Strip Pickle Lines on or about September 4, 1967, and Bidder proposes to complete this work as soon as due diligence and good practice will permit, but in no event later than October 27, 1967.

COMPENSATION: Bidder agrees to perform The Work for the following compensation (includes all present and future State, Federal and Local excise and transportation taxes and all other taxes pertaining to the transaction except the Ohio State Sales and Use Tax for any material supplied under the Sub-Contract which will be incorporated into and become a part of the completed facility, for which the Owner will provide a copy of its Ohio Direct Payment Permit No. 161-M.

1. Lump Sum Price - Soaking Pit Facilities, Project 7143 - \$ _____
2. Lump Sum Price - No. 4 Continuous Strip Pickle Line,
Project 7156, and No. 5 Continuous
Strip Pickle Line, Project 7159 - \$ _____

TOTAL ESTIMATED AMOUNT -----\$ _____

(Above breakdown is for cost accounting purposes only and is not submitted as any basis for separate awards.)

LIQUIDATED DAMAGES: None. Article 31 of the General Terms and Conditions hereof is inapplicable and is hereby deleted.

SUB-CONTRACT REQUIREMENT: If this Proposal is accepted, Bidder agrees to execute and return to Contractor, promptly upon its receipt from Contractor, a Sub-Contract document in the form furnished with Notice to Bidders. In addition to any other rights which Contractor may have, Bidder's failure to execute the Sub-Contract, and if required, a surety bond, and to return same promptly to Contractor, shall release Contractor and Owner from any obligation of any nature whatsoever to Bidder by virtue of Contractor's acceptance of Bidder's Proposal. In addition, before commencing any work under the Sub-Contract at the jobsite, Bidder shall furnish Contractor with satisfactory evidence of compliance with the insurance requirements of the Article of the Sub-Contract General Terms and Conditions entitled "Insurance and Bonds".

REJECTION: Bidder recognizes and understands that Contractor reserves the unconditional right to reject any or all Proposals, and to waive irregularities therein, and the right in Contractor's absolute discretion to accept any particular Proposal submitted by any Bidder, even though the price, or completion date, or both specified therein may not be as favorable as any other Proposal.

PROPOSAL DOCUMENTS: The Notice to Bidders, including without limitation the Sub-Contract form; the General Terms and Conditions; Exhibit "A" - Plans, Drawings and Specifications; Exhibit "B" - Items to be Supplied by Contractor; Exhibit "C" - General Work Schedule; Exhibit "D" - Standard Conditions; Exhibit "E" - Special Provisions; and other documents referred to therein or attached thereto and all other documents referred to herein are made a part of this Proposal as though incorporated herein in full.

PROPOSAL

-3-

Inquiry No. 7100-14749

Bidder acknowledges receipt of Supplemental Notices specified below.
This Proposal is submitted in full compliance with such Notices.

The Foregoing offer shall be binding upon Bidder until July 15, 1967,
and may be accepted any time on or prior to said date.

SUPPLEMENTAL NOTICES RECEIVED:

NO.	DATE
_____	_____
_____	_____
_____	_____
_____	_____

CONTRACTING FIRM

BY

TITLE

ADDRESS

EXHIBIT "A"

PLANS, DRAWINGS, AND/OR SPECIFICATIONS

The following Kaiser Engineers drawings and specifications are hereby incorporated:

1. Specification No. 7148- (3-11) Roofing Insulation, dated October 27, 1965
2. Specification No. 7148- (3-13) Built-Up Roofing, dated October 27, 1965.
3. Specification No. 7148- (3-2) Sheet Metal Work, dated October 27, 1965.

Drawings:

<u>No.</u>	<u>Rev.</u>	<u>Title</u>
637455	2	Soaking Pit Facilities - Roof Plan & Details
637456	2	Soaking Pit Facilities - Typical Wall Section
637457	1	Soaking Pit Facilities - Typical Wall Section
637466	3	Soaking Pit Facilities - Exterior Details (2)
637474	0	Soaking Pit Facilities - Service Bay Details (3) Section & Details
637476	0	Soaking Pit Facilities - Service Bay Details (5)
647301	3	#4 Continuous Strip Pickle Line - Plan - Col. 12 - 21 Included.
647302	3	#4 Continuous Strip Pickle Line - Plan - Col. 21 to 32 Included.
647303	3	#4 Continuous Strip Pickle Line - Plan - Col. 32 to 42 Included.
647304	3	#4 Continuous Strip Pickle Line - Plan - Col. 12 to 16 Included <u>E to C</u>
647305	3	#4 Continuous Strip Pickle Line - South and East Elevations
647306	3	#4 Continuous Strip Pickle Line - North and West Elevations
647307	3	#4 Continuous Strip Pickle Line - Roof Plans and Details
647308	1	HCL Pickle Line No. 4 - Walls Sections
647309	2	HCL Pickle Line No. 4 - Wall Sections
647310	2	HCL Pickle Line No. 4 - Wall Details
647311	1	HCL Pickle Line No. 4 - Wall Details
647312	2	HCL Pickle Line No. 4 - Wall Details
647313	1	HCL Pickle Line No. 4 - Miscellaneous Details
655201	2	#5 Continuous Strip Pickle Line - Entry End- Motor Room - Plans
655202	1	#5 Continuous Strip Pickle Line - Entry End - Motor Room - Sections and Details
655203	2	#5 Continuous Strip Pickle Line - Delivery End - Motor Room - Plan and Section Details

EXHIBIT "A"

-2-

<u>No.</u>	<u>Rev.</u>	<u>Title</u>
655204	2	Pickle Coil Storage - Floor Plan & Roof Plan
655205	2	Pickle Coil Storage - Elevations and Details
655206	1	Pickle Coil Storage - Wall Sections and Details
655207	1	Pickle Coil Storage - Sections and Details

EXHIBIT "B"

ITEMS TO BE SUPPLIED BY CONTRACTOR

1. Contractor will provide potable water and sanitary facilities at locations near the Work as determined by Contractor.
2. Contractor will provide a designated area on the site where the Sub-Contractor may store equipment, tools, and supplies.
3. See Exhibit "E" "Special Provisions" for Items enumerated as "Work by Others".
4. All metal cants (metal flashing and counter flashing, mineral composition base flashing and metal gravel stops by Sub-Contractor).
5. Electrical power for construction purposes; 440 Volt, 3 Phase, and 120 Volt, single phase, at Contractor's Distribution Panels.

EXHIBIT "C"

GENERAL WORK SCHEDULE

1. Roofing insulation, built-up roofing, and sheet metal work complete will be installed as soon as possible after roof surface areas are made available to Sub-Contractor. Sub-Contractor will be expected to start work within 72 hours after being notified that roof areas are available for roofing.
2. Contractor will endeavor to make complete roof areas available to Sub-Contractor so that continuous work can proceed. Requests for intermittent work will be kept to an absolute minimum. The Sub-Contractor will also have the benefit of the Contractor's weekly schedule for his planning.

EXHIBIT "E"

SPECIAL PROVISIONS

1. Sub-Contractor understands that the drawings listed in Exhibit "A" hereof do not completely define The Work and that the issuance of Supplemental drawings and/or revisions is not a basis for changing the Lump Sum Price, unless the quantity of rigid insulation, built-up roofing, or sheet metal work is changed, or The Work is changed by Contractor's direction in writing, in which case the provision for price changes set forth in the "General Terms and Conditions", Article 8 will be applicable.
2. Sub-Contractor agrees to perform all The Work in such a manner as to cause no interference with the normal operation in Owner's Middletown Works, Middletown, Ohio.
3. Sub-Contract encompasses three (3) Exhibit "A" Specifications, which, because they were written as separate entities, refer to the work encompassed by the other specification as "by others". It is mutually understood and agreed that Sub-Section 2.2 and 2.3 of Specification No. 7148 (3-2), Sub-Section 2.1.1. of Specification No. 7148 (3-11), and Sub-Section 2.1 of Specification No. 7148 (3-13) are by Sub-Contractor.
4. It is mutually understood and agreed that Section 14, "Use of Armco Materials", of Exhibit "D" is hereby modified by the addition of the following sentence at the end of the paragraph: "All other steel products used must be manufactured in the United States".

BILL OF MATERIALS FOR STEA. 165# SUPPLY (BOLTS & GASKETS)

DATE 22 MAY 1957

WORKS SLAB MILL MAT'L CONTROL TAKE-OFF ORIGINATOR W. KITCHEN
 AREA SOAKING PITS AREA ENG. CHARGE NO. 7100-991-460.31 CHECKED BY
 LDO. NO. CCL 3-20 GEN. SUPT. EST. NO. REVISED BY

ITEM	QUANTITY	UNIT	REQUIRED	DESCRIPTION	DRAWING NO.	REQUISITION
1	50	EA	22 JUN 57	3/4" X 4 3/4" FULL THREAD BOLT STUD A-193, GR B7, 1/2 HVY HEX NUTS A194, GR 2H		
2	1450			3/4" X 4 3/4" FULL THREAD BOLT STUD A-193, GR B7, 1/2 HVY HEX NUTS A194, GR 2H		
3	8			5/8" X 3" HVY. HEX HD. BOLT A-193, GR B7, 1/2 HVY HEX NUT A194 GR 2H		
4	4			GASKET-6" X 1/4" THICK ASBESTOS COMP. FLAT RING TYPE		
5	2			GASKET-4" X 1/4" - SAME AS ITEM-4		
6	12			GASKET-3" X 1/4" - SAME AS ITEM-4		
7	2			GASKET-1/16" THICK ASBESTOS COMP. FOR 4" X 150# FF FLG.		

RMCO STEEL CORPORATION

COPIES TO: C. GRAFF

SHEET

1 OF 1

BILL

NO. 637655

ILLUSTRATION OF MATERIALS FOR FUEL OIL SUPPLY & RETURN, (BOILER & GASKET)

DATE 19 APRIL 1967

IRKS SLAB MILL MAT'L CONTROL TAKE-OFF ORIGINATOR KITCHEN
SEA SOAKING PITS AREA ENG. CHARGE NO. 7143-708-464.3 CHECKED BY
DO. NO. GEN. SUPT. EST. NO. REVISED BY

EM	QUANTITY	UNIT	REQUIRED	DESCRIPTION	DRAWING NO.	REQUISITION
1	2	EA	19 MAY 67	GASKET, 1/4" TK, FLAT RING TYPE.	637655	
				ASBESTOS COMP FOR 4" X 150" RF	THRU 660	
				FLANGE.		
2	14			5/8" X 3 3/4" BOLT STUDS, FULL THD.		
				ALLOY STL. A193, GRB7.		
3	30			5/8" C.S. HWY. HEX HD NUTS, A194, GR2H.		
4	1			INSULATING KIT FOR 4" X 150" RF		
				FLANGE		
5	1			INSULATING KIT FOR 2" X 150" RF		
				FLANGE		

ARMCO STEEL CORPORATION (2) H. MILLARD
(2) W. JESTER
COPIES TO: (1) J. CISCO

SHEET (1) OF (1)

BILL
NO. 637655

BLUE

AKE-001613

BILL OF MATERIALS FOR NATURAL GAS, 10" (BOLTS & GASKETS)

WORK ORDER NO. <u>1111</u>	MAT'L CONTROL	TAKE-OFF	ORIGINATOR <u>1111</u>
AREA <u>1111</u>	AREA ENG.	CHARGE NO. <u>7143-167-4112</u>	CHECKED BY
BUILDING NO. <u>1111</u>	GEN. SUPT.	EST. NO.	REVISED BY

ITEM	QUANTITY	UNIT	REQUIRED	DESCRIPTION	DRAWING NO.	REQUISITION
1	8	EA	17MAY67	GASKET, 1/16" ASBESTOS COMP FOR 150" X 3" FF FLANGE.	Q937C 31	
2	30	EA		5/8" X 2 1/2" BOLTS W/ HVY HEX HD. NUT. A307 GR. B.	THK 3 960	
3				INSULATING KIT FOR 3" X 150" FF FLANGE		

(2) H. MILLARD
(2) W. JESTER
(1) J. CISCO

SHEET

OF

HILL

NO. 637055

1. OF MATERIALS FOR PLANT AIR

VALVES & GASKETS

DATE 17-APRIL 1967

SLAB MILL	MAT'L CONTROL	TAKE-OFF	ORIGINATOR KITCHEN
SOAKING PITS	AREA ENG.	CHARGE NO. 7143-761-464.31	CHECKED BY
D.W. COL 1-20	GEN. SUPT.	EST. NO.	REVISED BY

QUANTITY	UNIT	REQUIRED	DESCRIPTION	DRAWING NO.	REQUISITION
36	EA	15 MAY 67	3/4" X 3 1/2" HVY. HEX HD. BOLT, 1/4" HVY HEX	637655	
			HD NUT, A 307, GR B	THRU 660	
48			3/4" X 3 1/4" BOLT, SAME AS ITEM-1		
20			5/8" X 2 1/2" BOLT, SAME AS ITEM-1		
4			GASKET, 1/16" ASBESTOS COMP, FOR 8" X 150"		
			FF FLANGE		
6			GASKET, 1/16" ASBESTOS COMP, FOR 6" X 150"		
			FF FLANGE		
4			GASKET, 1/16" ASBESTOS COMP, FOR 2 1/2" X 150"		
			FF FLANGE		

MCO STEEL CORPORATION (2) H. MILLARD
 COPIES TO: (2) W. JESTER
 (1) J. CISCO.

SHEET

OF

BILL

NO. 637655

BILL OF MATERIALS FOR FURNACE - COOLING WATER RETURN (.75 GASKETS)

DATE 10 APRIL 1967 *

WORKS <u>SLABBING MILLS</u>	MAT'L CONTROL _____	TAKE-OFF _____	ORIGINATOR <u>KITCHEN</u>
AREA <u>SOAKING PITS</u>	AREA ENG. _____	CHARGE NO. <u>7143-706-464.31</u>	CHECKED BY _____
BLOG. NO. <u>COL. 35-185</u>	GEN. SUPT. _____	EST. NO. _____	REVISED BY _____

ITEM	QUANTITY	UNIT	REQUIRED	DESCRIPTION	DRAWING NO.	REQUISITION
1	1	EA	10 MAY 67	GASKET - $\frac{1}{16}$ " ASBESTOS COMP. FOR 24"	637661	
				FLANGE, A.W.W.A. C207 STD. STEEL	662	
				RING, C.L.D.	673	
2	1			GASKET - $\frac{1}{16}$ " ASBESTOS COMP. FOR 36"		
				FLANGE, A.W.W.A. C207 STD. STEEL		
				RING, C.L.D.		
3	24			$1\frac{1}{4}$ " X $5\frac{1}{2}$ " HVY. HEX HD. BOLT, $\frac{1}{2}$ " HVY. HEX NUT		
				A-307 GR.B.		
4	36			$1\frac{1}{2}$ " X 7" HVY. HEX HD. BOLT, $\frac{1}{2}$ " HVY. HEX NUT		
				A-307 GR.B.		

ARMCO STEEL CORPORATION (2) H. MILLARD
COPIES TO: (2) W. JESTER
(1) J. CISCO

SHEET 1 OF

BILL
NO. 637661

BILL OF MATERIALS FOR FURNACE COOLING WATER SUPPLY & RETURN (FLANGES)

DATE 2 Nov. 1961

WORKS _____ MAT'L CONTROL _____ TAKE-OFF _____ ORIGINATOR R. DAWSON
 AREA UNDERGROUND AREA ENG. _____ CHARGE NO. 7143-See below CHECKED BY _____
 BLDG. NO. _____ GEN. SUPT. _____ EST. NO. _____ REVISED BY _____

ITEM	QUANTITY	UNIT	REQUIRED	DESCRIPTION	DRAWING NO.	REQUISITION
1.	2	EA.	1 Dec 61	36" STEEL RING FLANGES- AWWA C-207, CLASS D.	625519 625602	7143-11275
			7143-707-461.31			
2.	2	EA.		20" W.N. FLANGES-150# ASA B16.5, FORGED STEEL ASTM A181, GR II, FLAT FACE. BORED TO SUIT 0.250 WALL PIPE.		
			7143-707-461.31			
3.	64	EA.		1 1/2" x 5" Hvy HEX HD BOLTS, C. STL, COARSE THD, ASTM A-307, GR. B, W/Hvy HEX NUT, ASTM A-307.		
			7143-707-464.31			
4.	40	EA.		1 1/8 x 5 1/4 Hvy HEX HD BOLT C. STL, COARSE THD, ASTM A-307, GR. B, W/Hvy HEX NUT, ASTM A-307.		
			7143-707-464.31			
5.	2	EA.		GASKET - 1/16" THK, FULL FACE TYPE, ASBESTOS COMP, FOR 36" x 150# FF FLANGE		
			7143-707-464.31			
6.	2	EA.		GASKET - 1/16" THK, FULL FACE TYPE, ASBESTOS COMP, FOR 20" x 150# FF FLANGE.		Whse stock
			7143-707-464.31			

RMCO STEEL CORPORATION

SHEET 1 OF 1

