

Revised 8/72

TO:	APPROVED BY
Purchasing	
Credit	
Legal	
Insurance	
Operating	
Vice President	
RETURN TO PURCHASING DEPARTMENT	

Page 1 of 8

Construction or Repairs
Contract Form PD-19
Under \$100,000.00

CONTRACT FOR

Reroofing Plant Buildings

(Insert name of job)

ASARCO Incorporated's
~~AMERICAN SMELTING AND REFINING COMPANY'S~~ El Paso Plant

at El Paso, Texas
(Insert town and state)

THIS AGREEMENT- made the 31st day of May, 1977,

by and between Southwestern Industrial Contractors and Riggers, Inc., whose address is

P. O. Box 1611, El Paso, Texas 79946 (hereinafter called the

ASARCO Incorporated
"Contractor") and ~~AMERICAN SMELTING AND REFINING COMPANY~~, a corporation of the

State of New Jersey, whose address is 120 Broadway, New York 5, N.Y. and

P. O. Box 1111, El Paso, Texas 79999 (hereinafter called the
(Insert address of plant or unit)

"Owner").

W I T N E S S E T H:

The Contractor and Owner agree as follows:

Article 1. Scope of the Work

The Contractor shall furnish all shop drawings, field engineering, labor, tools, equipment, transportation, materials and other facilities, except such items as are hereinafter listed as being furnished or furnished and installed by

the Owner, for Reroofing Plant Buildings (hereinafter called the "work")
(Insert name of job)

at the El Paso Plant of the Owner at El Paso, Texas
(Insert town & state)

in accordance with the drawings and specifications listed below, all of which are incorporated herein by reference and made a part hereof:

(List Specifications and Drawings)

Southwestern Contractors and Riggers, Inc., proposal dated May 31, 1977
Specification for reroofing plant buildings dated May 31, 1977

PLAINTIFF'S EXHIBIT

ASA-1208

ASARCO ELP 0002144

Article 2. Time of Completion

The work shall be commenced June 13, 1977 and shall be substantially completed June 30, 1977.

Article 3. Payment (to be deleted if progress payments are to be made)

The Owner shall pay the Contractor for the performance of this Contract, the sum of Seventeen Thousand One Hundred Sixty-Six dollars, (\$ 17,166.00), lawful money of the United States of America within 30 days after satisfactory completion of the work and submission

by the Contractor of evidence (including, if requested, complete releases of all liens arising out of or in connection with the work by all persons, firms or corporations on whose behalf such liens could be or were filed) satisfactory to the Owner that all charges for labor and material incorporated in the work and all other indebtedness connected with the work for which liens could be filed have been paid and that the work is free of all liens and encumbrances.

Article 3. Payments (to be deleted if progress payments are not to be made)

The Owner shall pay the Contractor for the performance of this contract, the sum of _____ dollars, (\$ _____), lawful money of the United States, as follows:

On or about the _____ day of each calendar month, commencing _____, 19____, the Owner shall pay the Contractor _____ percent (____%) based on the contract prices, of the labor and materials incorporated in the work and of materials suitably stored at the site thereof up to the end of the next preceding calendar month, as estimated by the Owner, less the aggregate of previous payments; and upon completion of the entire work, a sum sufficient to increase the total payments to _____ percent (____%) of the contract price. Final payment of the remaining (____%) of the contract price shall be due _____ days after completion of the work.

Before each such payment is due, the Contractor shall submit evidence satisfactory to the Owner (including, if requested, partial waivers, or in the case of final payment, complete releases, of all liens arising out of or in connection with the work by all persons, forms or corporations on whose behalf such liens could be or were filed) that all charges for labor and material incorporated in the work and all other indebtedness (except, in the case of payments other than final payment, indebtedness not then due) connected with the work for which liens could be filed have been paid and that work is free of all liens and encumbrances.

WCF
2

Article 4. Payments Withheld

The Owner may withhold all or part of any payment to the extent necessary to protect the Owner from loss or damage on account of (a) damaged or defective work not remedied, (b) claims filed or reasonable evidence indicating probable filing of claims by other parties against the Contractor or the Owner (c) failure of the Contractor to make payments properly to Subcontractors or for material or labor, (d) a reasonable doubt that this contract can be completed for the balance then unpaid, or (e) damage to the Owner's property or the work of another contractor.

Article 5. Liens

If any lien remains unsatisfied after payment of the full contract price has been made, the Contractor shall refund to the Owner all moneys that the latter may be compelled to pay in discharging such lien, including all costs and a reasonable attorney's fee. If the Owner has so requested prior to the signing of this Contract, the Contractor, at the option of the Owner, agrees to furnish or permit the owner to secure bonds in the full amount of the contract written by a surety company designated by, or otherwise satisfactory to, the owner, guaranteeing and conditioned for the full, complete and faithful performance of this contract by the contractor and for the payment of claims for labor performed or materials furnished in connection herewith, all in accordance with the terms of the bonds. The premium for the bonds will be paid by the Owner and must not be included by the Contractor in the contract price. In the event the owner elects to secure such bonds, the contractor agrees to sign the required application, to furnish necessary financial statements and financial guarantees, and to otherwise cooperate with the owner, in securing the bonds.

Article 6. Title to the Work

Title to all work completed or in the course of construction shall be in the owner and title to all machinery, equipment and materials to be incorporated in the work shall be in the Owner as soon as they are delivered on the site of the job.

Article 7. Inspection and Repair

The Contractor shall provide safe and proper facilities at all times for the inspection of the work by the Owner, and shall as soon as practicable after written notice from the Owner, at the Contractor's expense, replace and repair any materials or portions of the work which the Owner shall deem defective and make good all work damaged or destroyed thereby, whether or not there shall be a dispute with respect to any of the foregoing. Any such dispute shall be settled by arbitration.

Article 8. Protection by Contractor

The Contractor at all times shall maintain adequate protection of the work from damage and shall protect the Owner's property and all persons thereon from injury, damage or loss by reason of any act or omission of the Contractor or any Subcontractor. The Contractor shall be responsible, and reimburse the Owner, for any loss or expense to the Owner arising from damage to the work or other property of the Owner caused by the wrongful act or neglect of the Contractor, any Subcontractor or the employees of the Contractor or any Subcontractor. Where such damage includes damage to the work it shall be repaired at the expense of the Contractor.

The Contractor shall use its best judgement and skill in dealing with labor matters, and take all reasonable steps to avoid labor dispute. In the event of any strike or threat of strike, slowdowns, featherbedding, or other like practices, the Contractor shall apprise the Owner of all relevant facts and implications of the particular labor problem involved, and shall consult in good faith with the Owner in an endeavor to reach a mutually satisfactory solution to such labor problem and, so far as reasonably possible, to protect the Owner against delays affecting the work or damage or losses to its other operations.

Article 9. Contractor's Liability Insurance

The Contractor shall maintain such insurance as will indemnify it against claims under Workmen's Compensation Acts and against any other claims for damages for personal injury, including death, which may arise from operations under this contract, whether such operations be by the Contractor or any Subcontractor or anyone directly or indirectly employed by either of them.

Prior to commencement of this work the Contractor shall file with the Owner completed certificates of insurance in form of "Insurance Certificate" attached and shall provide insurance coverage in amounts not less than those stated therein.

Article 10. Indemnity by Contractor

The Contractor shall save harmless and indemnify the Owner from and against any expense, loss or damage on account of any claim, demand or suit made by any person whomsoever, including any employee of the Owner, which is in any way caused by or connected with, or grows out of the execution and performance of this Contract by the Contractor or any Subcontractor; provided, however, that the Contractor shall not be required to indemnify the Owner against any loss caused solely by the negligence or willful fault of the Owner or its employees. The Contractor accepts all risk of injury or damage and all responsibility for any claims for damages whatsoever resulting from the use, misuse, or failure of any hoist, rigging, blocking, scaffolding, or otherlike or unlike equipment used by the Contractor or any Subcontractor, even though such equipment be furnished or loaned to the Contractor or any such Subcontractor by the Owner, and shall indemnify the Owner against all such claims

Article 11. Owner's Responsibility for Certain Casualties

The Owner shall be responsible for all damage to the work, and to material, temporary structures, and equipment (excluding construction equipment not owned by the Owner) at the site of the job, which is caused by fire, windstorm, smoke, hail, aircraft, explosion, vehicles, riot or civil commotion.

Article 12. Compliance with Laws and Ordinances

The Contractor shall give all notices and comply with all laws, ordinances, rules, and regulations, bearing on the conduct of the work as drawn and specified. If the Contractor performs any work contrary to any such law, ordinance, rule or regulations, he shall bear all costs arising therefrom, in particular, but without limiting the scope of the foregoing, the Contractor shall, and shall cause any Subcontractor to, comply with the terms and provisions of the Occupational Safety and Health Act of 1970 and all applicable rules, regulations, orders and occupational Safety and health standards promulgated under and issued pursuant to such Act in the discharge of its duties and obligations hereunder.

If for any reason the Contractor's or any Subcontractor's employees or agents acquire a status imposing liability on the Owner for employer's contributions or taxes under the Federal Insurance Contributions Act, the Federal Unemployment Tax Act, any State Unemployment Tax Act, or any other Act, the Contractor shall be exclusively liable for, and shall indemnify the Owner against, the same and agrees to comply with all such laws and regulations so as to relieve the Owner from any and all liability therefor and from the responsibility of making reports or keeping records with respect thereto.

Article 13. Patents

The Contractor shall indemnify and save harmless the Owner against and from any and all claims, losses, costs, damages, expenses, actions or other proceedings, growing out of or resulting from infringement of any patent by the Contractor or any Subcontractor in the performance of this contract, except that this provision shall not apply to patented articles or processes specified in drawing or specifications furnished by the Owner.

Article 14. Changes in the Work

The Owner, without invalidating this contract, may at any time order extra work or make changes by altering, adding to or deducting from the work. Such order may be made by the Owner on its own behalf or at the request of the Contractor, upon discovery by the Contractor of any discrepancy between the plans and the physical conditions encountered. If such extra work or changes involve a change in cost, the contract price shall be increased or decreased by the fair value thereof. The Owner will itemize the changes to be made and upon receipt of written notice of same, the Contractor will submit promptly to the Owner, in triplicate, an itemized statement of his calculations of the adjustment in the contract price resulting from the changes or extra work. This must be done before work on the change is begun unless the Owner gives written order to proceed immediately. No work or change shall be made, except by written order of the Owner and no claim for an addition to the contract price shall be valid unless the additional work was so ordered. Any dispute under this Article shall be subject to arbitration.

Article 15. Owner's Right to Terminate Contract

If the Contractor should be adjudged a bankrupt, or make an assignment for the benefit of creditors, or if a receiver of the Contractor's property should be appointed or if the Contractor files a petition or if a trustee of the Contractor's property should be appointed under the reorganization or readjustment provisions of the Bankruptcy Act, or if the Contractor at any time should refuse or neglect to supply enough properly skilled workmen or proper materials, or if he should fail or make prompt payments to Subcontractors or for material or labor, or disregard laws, ordinances or the instructions of the Owner, or otherwise be guilty of a substantial violation of any provision of the contract which he shall have failed to correct promptly after service or written notice thereof by the Owner, then the Owner may, without prejudice to any other right or remedy, terminate the employment of the Contractor for the Contractor's default and take possession of the premises and of all materials, tools and appliances thereon and finish the work by whatever method the Owner may deem expedient. In such case, the Contractor shall not be entitled to receive any further payment until the work is finished. If the unpaid balance of the Contract price shall exceed all the general damages of the Owner caused by the Contractor's default, including the expense of finishing the work and compensation of the Owner for the Owner's managerial and administrative service, such excess shall be paid to the Contractor.

If such damages shall exceed such unpaid balance, the Contractor shall pay the difference to the Owner. In the event the Contractor and the Owner are unable to agree upon the amount to be paid or reimbursed the dispute shall be settled by arbitration.

Article 16. Correction of Work after Payment

Neither payment nor any provision in this contract shall relieve the Contractor of responsibility for faulty materials or workmanship and the Contractor shall remedy any defects due thereto and pay for any damage to other work resulting therefrom which shall appear within one year from the date of completion of the Contractor's work hereunder. The Owner shall give notice of observed defects with reasonable promptness. Any dispute under this Article shall be subject to arbitration.

Article 17. Arbitration.

All disputes which are herein stated to be subject to arbitration shall be submitted to and determined by arbitration. Except as and to the extent otherwise provided by the controlling state law, no party may have recourse to legal proceedings (other than to enforce this arbitration Article) unless and until an arbitration award has been made. There shall be one arbitrator who shall be chosen by the American Arbitration Association, whose arbitration rules shall be followed.

Article 18. Subcontracts

The Contractor will not employ any Subcontractor without the prior written approval of the Owner and the Contractor shall require each Subcontractor to execute a contract in writing containing provisions similar to all provisions of this contract which are in any way applicable to such Subcontractor and which will obligate such Subcontractor to comply with and perform all such provisions herein. Nothing herein shall create a contractual relationship between any Subcontractor and the Owner.

Article 19. Assignment

The Contractor shall not assign nor subcontract this contract in whole or in part nor shall the Contractor assign any moneys due or to become due Contractor hereunder without the prior written consent of the Owner.

Article 20. Coordination of Work

The Contractor shall conduct the work hereunder so as to cause a minimum of interference with the Owner's operation. Where interference with the Owner's operations become absolutely necessary, permission shall be requested by the Contractor not less than seventy-two (72) hours in advance.

Article 21. Undertakings by the Owner

The Owner agrees to obtain and pay for any permits, licenses and easements required for permanent structures or changes, and, to the extent practicable without interference with operations, to furnish the Contractor, free of charge, for its use during the construction, electricity, water, steam and compressed air required for construction purposes, at the voltage and pressure currently available at Owner's said plant, to a point adjacent to or within 500 feet of the site, but the Contractor will be required to make the necessary connections, provide approved shut-off and safety devices and furnish and install all temporary lines required to bring them to the point of use.

Article 22. Applicable Law

This contract shall be construed and enforced in accordance with the laws of the state where the work hereunder is to be performed.

Article 23. Entirety Clause

This contract constitutes the entire agreement between the parties, and except as may be specifically set forth herein no changes can be made herein except by an agreement in writing duly executed by the parties or their duly authorized agents.

Article 24. Technical Information

The Term "technical information" as used in this agreement includes but is not limited to technical data, reports, models, drawings, specifications, operating manuals, designs, computations, formulas, apparatus, processes, patentable or unpatentable inventions and other engineering data. You agree to accept ASARCO's decisions as to whether any particular information is technical information or is technical information which has been made or conceived under this agreement.

It is understood that in the course of your performance hereunder you may learn or have access to technical information of ASARCO. You agree that you and your personnel will keep in confidence all such technical information of ASARCO and that you and your personnel will not use or disclose the same without ASARCO's written consent, either during the term of this agreement or at any time thereafter.

You agree to disclose to ASARCO all technical information made or conceived by you or your personnel in performance, or resulting from performance, under this agreement. You agree that all such technical information made or conceived by you or your personnel shall become and remain the free and unrestricted property of ASARCO and that you shall assign or cause the same to be assigned to ASARCO. You agree that you and your personnel will keep in confidence all such technical information made or conceived by you or your personnel and that you and your personnel will not use or disclose the same without ASARCO's written consent, either during the term of this agreement or at any time thereafter.

You agree, upon the request and at the expense of ASARCO, to make or cause your personnel to make applications for Letters Patent in such countries as ASARCO may designate on those of the aforesaid assigned inventions which ASARCO believes to be patentable; and to assign all such applications to ASARCO or its order; and to give ASARCO, its attorneys and solicitors all reasonable assistance in preparing such applications, and in prosecuting such applications in the patent office or offices involved and in defending and enforcing any patent that may be issued upon any such applications; and to execute all papers that may be reasonably required in the prosecution of such applications or to vest in ASARCO or its assigns said inventions, applications and Letters Patent.

Article 25. Additional Provisions

(add such additional provisions, if any, as the particular job requires).

IN WITNESS WHEREOF- the parties have executed this contract the day
and year first above written.

Southwestern Industrial Contractors
and Riggers, Inc.

Contractor

By W. Clay Lusk

Title: President

ASARCO Incorporated
~~AMERICAN-SMELTING & REFINING COMPANY~~
Owner

By J. W. Wither

AMERICAN SMELTING AND REFINING COMPANY

FORM # INSURANCE-1 Revised 9/73

INSURANCE-CERTIFICATE

AMERICAN SMELTING AND REFINING COMPANY REQUIREMENTS FOR CONTRACTORS AND SUBCONTRACTORS.

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE DESCRIBED BELOW HAVE BEEN ISSUED TO _____

Southwestern Industrial Contractors and Riggers, Inc.THESE POLICIES ARE NOW IN FORCE, COVERING WORK BY THE ASSURED FOR AMERICAN SMELTING AND REFINING COMPANY ON CONTRACT For Reroofing Plant BuildingsAT El Paso, Texas

IF THESE POLICIES ARE CANCELLED OR CHANGED IN ANY WAY THAT WILL AFFECT THIS CERTIFICATE, TEN DAYS' PRIOR WRITTEN NOTICE WILL BE GIVEN BY THIS COMPANY TO AMERICAN SMELTING AND REFINING COMPANY, ATTN. Mr. W. R. Kelly PLANT MANAGER.

KIND OF INSURANCE	DESCRIPTION OF POLICY			REQUIRED MINIMUM
	NUMBER	EXPIRES	LIMITS OF LIABILITY	
CONTRACTOR'S PUBLIC LIABILITY (COMPREHENSIVE INCLUDING CONTRACTUAL)*	559275	7-1-77		
BODILY-INJURY			EACH OCCURRENCE \$ 300,000	\$300,000
PROPERTY-DAMAGE	559275	7-1-77	EACH OCCURRENCE \$ 100,000	\$ 25,000
CONTRACTOR'S PROTECTIVE LIABILITY	559275	7-1-77		
BODILY-INJURY			EACH OCCURRENCE \$ 300,000	\$300,000
PROPERTY-DAMAGE	559275	7-1-77	EACH OCCURRENCE \$ 100,000	\$ 25,000
AUTOMOBILE	594042	7-1-77		
BODILY-INJURY			EACH PERSON \$ 100,000 EACH OCCURRENCE \$ 300,000	\$100,000 \$300,000
PROPERTY-DAMAGE	594042	7-1-77	EACH OCCURRENCE \$ 100,000	\$ 25,000
WORKMEN'S COMPENSATION	58792	7-1-77	Texas	COMPLY WITH APPLICABLE STATE LAW
AND				
EMPLOYER'S LIABILITY	58792	7-1-77	EACH OCCURRENCE \$ 100,000	\$ 25,000

DATE June 1, 1977Texas Employers Insurance Association
Employers Casualty Company

INSURANCE COMPANY

El Paso
CITYTx.
STATE

 AUTHORIZED REPRESENTATIVE

*The Contractor shall save harmless and indemnify the Owner from and against any expense, loss or damage on account of any claim, demand or suit made by any person whomsoever, including any employee of the Owner, which is in any way caused by or connected with, or grows out of the execution and performance of this contract by the Contractor or any Subcontractor; provided, however, that the Contractor shall not be required to indemnify the Owner against any loss caused solely by negligence or willful fault of the Owner or its employees. The Contractor accepts all risk of injury or damage and all responsibility for any claims for damages whatsoever resulting from the use, misuse, or failure of any hoist, rigging, blocking, scaffolding, or other like or unlike equipment used by the Contractor or any Subcontractor, even though such equipment be furnished or loaned to the Contractor or any such Subcontractor by the Owner, and shall indemnify the Owner against all such claims.

ASARCO ELP 0002152

ROOFING PRICES FROM BOB HATCH - SWICAR 3-17-77

	With 18 Ga Galv.	20 Ga S.S.	Engrg & Conting. (+5% + 15%) 18 GA	20 GA S.S.
D & L Fan House				
$\frac{1}{2}$ Roof	4251	—	5133	—
Other $\frac{1}{2}$ if Simultaneous	3651	—	4409	—
ANODE CASTING - W. HALF	8435	13688	10185	16528
E. HALF	7463	12748	9012	15393
DROSS PLANT - S. ROOF	4736	7563	5719	9132
CENTER	10133	16841	12236	20336
KILNS - (BETWEEN KILNS)	5310	8588	6412	10370
REVERB - ARCH	—	13490	—	16289
SIDES	8710	14445	10517	17442

D&L FURNACE - TRANSITE EXISTING
REPLACE W/ ¹⁸ GA CORRUGATED W/
1.25 OZ. ZINC.

PRICE FOR EACH HALF OF ROOF

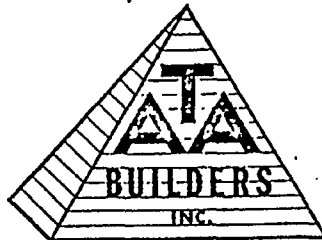
ANODE CASTING - WEST HALF EXISTING TRANSITE
EAST HALF CORRUGATED METAL
W/ MAPPED ON COATING

REPLACE EAST HALF W/ STAINLESS OR 16
LEAVE WEST HALF AS IS - PRICE BOTH
WAYS

~~D&L FURNACE~~ - EXISTING IS METAL CORRUGATED
DROSS BUILDING ^{PUT INTO} REPLACE CENTER ROOF OVER FURNACE
_{2 POS.} & S. ROOF OVER CASTING AREA
OR 18 GA
SS OVER FURNACE & CASTING AREA

DELEADING PLANT - EXIST CORRUGATED METAL
KILN BURNER BLDG REPLACE WITH SS OR 18 GA

RELEVER BLDG - CENTER TRANSITE - CHANGE TO SS
OUTSIDE METAL - REPLACE W/ SS OR 18 GA



A. T. A. BUILDERS, INC.
7133 STILES DRIVE
P. O. BOX 9006
EL PASO, TEXAS 79915

June 3, 1977

ASARCO
P. O. Box 1111
El Paso, TX 79999

Attn: Mr. Bill Nasmyth

Gentlemen:

We propose to furnish all labor and material to complete the proposed Guard House at South entrance of plant in accordance with your plan No. E23875 dated May 18, 1977.

FOR THE SUM OF \$8,370.00

The above is based on vinyl Asbestos floor in lieu of Pure Vinyl.

Sincerely yours,

H. H. Abbott
President



mit to:
O. Box 26976
Paso, Texas 79926

SOUTHWESTERN

INDUSTRIAL CONTRACTORS AND RIGGERS, INC.

7155 Industrial Avenue P. O. Box 1611 El Paso, Texas 79948
(915) 779-3931

June 3, 1977

H. H. Robertson
Ambridge Division
14th Street
Ambridge, Penn. 15003

Gentlemen:

Enclosed, find one copy each of the following listed drawings:

- #EG6 - North Wall Elevation (H. H. Robertson)
- # 53 - Hopper Enclosure - North Wall (SWIC & R)
- #EG8 - West Wall - Half Elevation (H. H. Robertson)
- #EG9 - West Wall - Half Elevation (H. H. Robertson)

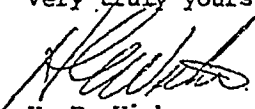
Drawings No. EG6, No. EG8, and EG9 are approved with changes shown.

Drawing No. 53 is Southwestern Industrial Contractors & Riggers, Inc. erection drawing for Hopper Enclosure on north end of building, supplied for your information in preparing siding sheets. Siding for Hopper Enclosure will be 24 Gage Galbestos to match siding at Converter Building.

Note that roof of Hopper Enclosure is on "Hold", pending design of mechanically operated roof section to allow hopper charging from exterior of Converter Building.

Detail for bent flashing and closures will follow shortly.

Very truly yours,


H. E. Wickes
Project Manager

HEW/js
Enclosures - as stated



ASARCO ELP 0002156

CENTRAL ENGINEERING DEPT.
DESIGN SECTION

Salt Lake City, Utah
June 24, 1977

Mr. R. G. Knieriem
New York Purchasing

CE77EP2

EA-26-EP, N.Y. 3954, PLT 623
EL PASO GAS CLEANING, HANDLING
& ACID PLANT
CE 77-EP-2 (M), FRP FLUE SYSTEM
EXPANSION JOINTS

We are enclosing two copies each of Raybestos Manhattan Industrial Products Co. drawings approved as noted. One copy should be sent to them. Only two joints are approved.

We only wish to release for purchase the two 72" ID x 15" face to face joints which will be used in our bypass flue as high lighted on the drawings.

Joints to be ordered are:

- 1 - Joint Number 2-09-48
- 1 - " " 2-09-49

These are number 5117-851 on their lists.

The El Paso Field Office will advise shipping date required.

FRANK L. BAER

FLB:pr
Encls

cc: E.H. Haug/W.T. Sweat
A.O. Marsh, Jr.
W.R. Mahoney
W.R. Kelly
W.R. Nasmyth
Ron Hunt w/encl

RECEIVED

JUN 27 1977

: PASO SMELTING WORKS

ASARCO ELP 0002157

June 10, 1977

CE77EPZ

Frank Baer
Salt Lake City, Utah

REFERENCE: Order 37H-0698
Regn. CE-77-EP-2 (M)

Herewith copy of revised quotation and drawings received from Raybestos Manhattan Industrial Products Co. on their SUPERSPAN Expansion Joints as requested in your letter of May 2nd, 1977.

It is understood that 4 copies of this quotation was already sent to Mr. A. O. Marsh, Jr. and we also wish to advise this order is being held in abeyance pending your review and your cooperation in advising as promptly as possible will be appreciated.

R G Knieriem
ROBERT G. KNIERIEM

RGK:NJS
Attachment

cc - E. H. Haug/W. T. Sweat
A. O. Marsh, Jr.
W. R. Nasmyth
W. R. Kelly
R. O. Covington

ASARCO ELP 0002158

bc - F. Baer

E. H. Haug/W. T. Sweat -

A. O. Marsh, Jr.

W. R. Kelly

W. R. Masmyth

R. O. Covington

Please note we are still holding the entire order in abeyance and would appreciate your advising whether or not this is correct or shall we just hold the 83" dia. under area 2-08. Your cooperation in advising will be appreciated.

R.G.K.

May 13, 1977

Mr. Richard Cunliffe
Raybestos Manhattan
Industrial Products Co.
P. O. Box 5205
N. Charleston, S. C. 29406

REFERENCE: Order 17H-0698
Reqn. CE-77-EP-2 (M)

CE77EP2

Dear Mr. Cunliffe:

Further to our telephone conversation of April 22nd, 1977 wherein we had advised you to hold the above subject order in abeyance, and you indicated this would be accomplished on a no charge basis, we now wish to make the following changes in accordance with our updated attached Expansion Joint data:

Joints 2-07-41 and 2-04-51 have been deleted. Total 2.

Joints 2-04-41, 2-09-42, and 2-07-43 have been added. Total 3.

Joint 2-05-30 to have a 42" B.C. and 44" O.D. of flange.

Joint 2-05-35 to have a 50" B.C. and 52" O.D. flange.

Joints 2-09-48 and 2-09-49 are 15" face to face.

Your cooperation in amending our subject order to include these revisions and advising of the price change as promptly as possible will be appreciated.

Very truly yours,

R. G. Kimeriem
ROBERT G. KIMERIEM
Purchasing Agent

RGE:MJS
Attachment

ASARCO ELP 0002159



SOUTHWESTERN

INDUSTRIAL CONTRACTORS AND RIGGERS, INC.

7155 Industrial Avenue

P. O. Box 1611

El Paso, Texas 79948

(915) 779-3931

June 24, 1977

H. H. Robertson
Ambridge Division
14th Street
Ambridge, PA 15003

ATTN: Mr. Benton Early

Gentlemen:

Enclosed, two copies each of sheet #SX-1 showing girt lines, purlin lines, etc. at East Wall Enclosures.

This sheet to be used with H. H. Robertson sheets #EG10 and #EG11.

Estimated quantities of stock size flashing sheets are listed below. These quantities include flashing for some areas not yet detailed (Partial East Wall, Hi-Line Enclosure, Special details required at Zinc Furnace, Matte Settling Furnace, Reverb Furnace, Intersection of Pipe Gallery roof with Zinz Building roof, etc.)

All sheets figured at 48" wide:

90LF	18 Ga. Galb.
700LF	24 Ga. Galb.
60LF	22 Ga. Stainless, 304
250LF	24 Ga. Stainless, 304

Screws to apply on the above.

Yours truly,

H. E. Wickes
Project Manager

HEW/js
Enclosures - as stated



ASARCO ELP 0002160

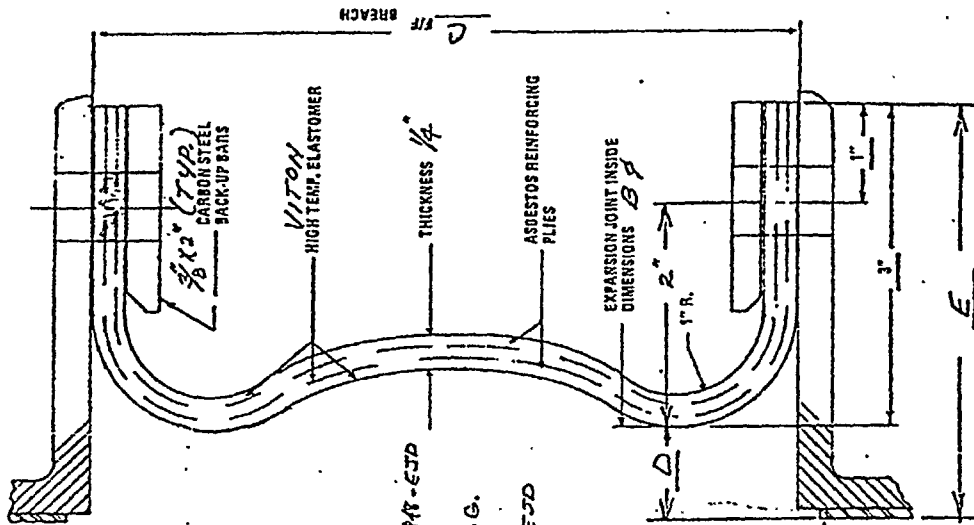
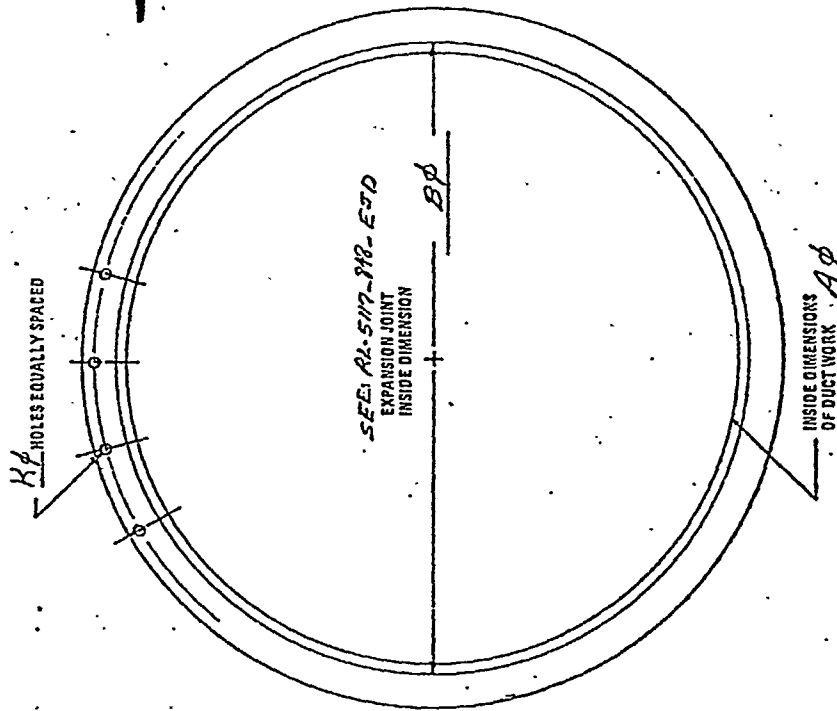
EL PASO SMELTING WORKS
ENGINEERING DEPT.

JUL 12 1977

CE 77 E P 7

EP 123

GAS HANDLING



MANUFACTURED: F/F
SERVICE CONDITIONS: SEE: RL-5117-818-EDD

Temperature Operating _____
Design _____
Pressure Operating _____
Design _____

MOVEMENT: SEE: RL-5117-818-EDD

Axial Compression _____
Extension _____
Lateral - Shortside Offset _____
Longside Offset _____

EX-7

BASE BID

Raybestos Manhattan Industrial Products Company

A Division of Raybestos [Logo] Corporation, Inc. North Canton, OH 44705 CDS 144-4708

EXPANSION JOINT MARK <u>21E</u>		Superseded	
DRAWN <u>R.H.</u>	SCALE <u>NONE</u>	DATE <u>8-16-77</u>	
TRACED			
CHECKED <u>TD</u>	DRAWING NO. <u>RL-5117-818</u>		
APPROVED	CONT. ON SH. FINAL	SH. NO. 1	
SYN	DATE	SIGNATURE	DESCRIPTION
			REVISIONS

NO. REQ'D - SEE: RL-5117-818-EDD

FOR APPROVAL: 5-26-77

FINAL DWGS 7/6/77

CERTIFIED FOR CONSTRUCTION

7/6/77 [Signature]

EXPANSION JOINT DIMENSIONS												
RAYBESTOS MANHATTAN JOINT NO.	CUSTOMER PIECE MARK E-J-N/O.	DUCT INSIDE DIMENSIONS X x Y or A, B, C	JOINT INSIDE DIMENSIONS L ₁ x L ₂ or B, D	C	D	E	F	MOVEMENTS		K	TEMP. °F	QUANTITY REQUIRED
								AXIAL	LATERAL			
								COMP.	EXT.			
RL-5117-848	2-04-7	6'-4"	6'-6"	15"	1"	4"		1 3/8"		19 1/16"	142°	2
	2-04-8							2"				
	2-04-9							2 1/8"				
	2-04-10							2 3/16"				
	2-04-11							2 9/16"				
	2-04-12							1 3/8"				
	2-04-13							3"				
	2-04-14							3 1/2"				
	2-04-15							2 1/4"				
	2-04-50							1 3/4"				
RL-5117-847	2-04-16							1 3/8"				
RL-5117-924	2-04-17							1 3/8"				
	2-04-41							1 1/8"				
RL-5117-850	2-15-20	6'-0"	6'-2"	11"				3 1/4"				
	2-15-21							3 1/4"				
RL-5117-851	2-09-48							13/16"				
	2-09-49							1 1/16"				
RL-5117-852	2-04-18	8'-0"	8'-2"	11"				2 3/8"				
RL-5117-853	2-10-19							1 5/16"				
RL-5117-854	2-05-30	3'-0"	3'-2"	8 1/2"				1 1/8"				
RL-5117-855	2-08-40	6'-11"	7'-1"	11"				1 3/8"				
RL-5117-925	2-09-42	6'-6"	6'-10"	11"				1 3/16"				
RL-5117-857	2-09-43	5'-5"	5'-7"	8 1/2"				5/8"				
RL-5117-858	2-14-52	1'-0"	1'-2"					1/4"				
RL-5117-926	2-05-35	3'-6"	3'-10"	11"				1 1/4"				

BASE 812

Raybestos Manhattan Industrial Products Company			
A Division of Raybestos Manhattan, Inc.		North Charleston, S.C. 29405 BCD 744-578	
EXPANSION JOINT (Rectangular or Round)			
ASARCO INC. - EL PASO	SCALE	DATE	
DRAWN R.H.	NONE	2-16-77	
TRACED			
CHECKED			
APPROVED			
DRAWING NO.		CONT. OR SH. FINAL	
RL-5117-848 - EJP		1 SH. NO.	

FOR APPROVAL: 5-26-77

FINAL DWG. 7/6/77

CERTIFIED FOR CONSTRUCTION

7/6/77 [Signature]

