

ASARCO
FD 1 - REVISED 11/62

PURCHASE ORDER

DATE:
FEBRUARY 1, 1973PLANT JOB NO.
57-577-572.577
APPROPRIATION NO.
7-577-34.53

AMERICAN SMELTING AND REFINING COMPANY

PURCHASING DEPARTMENT
120 BROADWAY, NEW YORK, N.Y. 10005ORDER NO. "DUMNY"
13H-0300REQUISITION NO.
EP-5To: SOUTHWESTERN INDUSTRIAL CONTRACTORS
& RIGGERS, INC.(Original not to be mailed out.
For record purposes only.)

DATE REQUIRED AT DESTINATION:

AS ARRANGED

SHIPPING INTERVAL PROMISED

SELLER WILL SHIP BEFORE:

AS ARRANGED

POINT OF SHIPMENT

TERMS

AS ARRANGED

F.O.B. POINT

FINAL DESTINATION-PLEASE NOTE CONSIGNMENT BELOW

EL PASO, TEXAS

3021

CONSIGNMENT-SELLER WILL SHIP TO

AMERICAN SMELTING & REFINING CO.

EL PASO PLANT

EL PASO, TEXAS

- RENDER BILLS AS PER ATTACHED SHIPPING INSTRUCTIONS -

SHIP VIA

QUANTITY	UNIT	SPECIFICATIONS	ITEM NO.	UNIT PRICE
		THIS PURCHASE ORDER IS ISSUED TO RECORD AGREEMENT ENTERED INTO WITH SOUTHWESTERN INDUSTRIAL CONTRACTORS & RIGGERS, INC. OF 1730 BASSETT AVENUE, P.O. BOX 1611, EL PASO, TEXAS 79948 DATED JANUARY 18, 1973 TO COVER INSTALLATION OF VENTILATION SYSTEM IN ACCORDANCE WITH THE SPECIFICATIONS AND DRAWINGS REFERRED TO THEREIN.		\$613,441.
		PLAINTIFF'S EXHIBIT 13-000		


IMPORTANT This order is not binding on purchaser unless the attached acknowledgment card is signed by an authorized agent of seller and returned promptly to purchaser.

FOR PURCHASING DEPARTMENT USE ONLY

TVDS613,441.00RGER CC 601 PC 206

DISTRIBUTION: 3-Plant



QUOTATION

SOUTHWESTERN

INDUSTRIAL CONTRACTORS AND RIGGERS, INC.

1730 Benson Ave.

P. O. Box 1611

El Paso, Texas 79948

(915) 532-3491

ASARCO - El Paso Smelting Works

DATE 15 January 1973

P. O. Box 1111

PROJECT El Paso Jobs No.

El Paso, Texas 79999

567, 577, 578 and 579

Attn: Mr. R. O. Covington

LOCATION El Paso, Texas

We propose to furnish labor, equipment and materials for a complete installation of the four jobs as shown in revised specifications and the drawing list shown as Appendix B to the specifications as follows:

3.2.1 Lump sum cost \$ 613,441.00

3.2.2 Completion time after bag house delivery 5 months

3.2.3 First construction time in field February 1, 1973

3.2.4 Cost breakdown:

56761	\$ 15,158.00
56762	91,539.00
56763	26,075.00
57701	8,679.00
57702	55,039.00
57703	12,275.00
57801	137,000.00
57802	10,562.00
57803	40,456.00
57804	27,565.00
57805	27,626.00
57901	14,417.00
57902	28,179.00
57903	12,071.00

NORMAL CONDITIONS OF ACCEPTANCE, SALE AND PAYMENT ARE STATED ON REVERSE SIDE OF THIS QUOTATION.

ASARCO ELP 0000244

QUOTATION CONT'D

PAGE 2 OF 3

DATE 15 January 1973
 El Paso Jobs No.
 PROJECT 567, 577, 578 and 579
 LOCATION El Paso, Texas

57904	85,491.00
Demolition	<u>16,410.00</u>
Kiln Ventilation Alternate	<u>4,899.00</u>
Total	<u>\$ 613,441.00</u>

This proposal is based on the following items which, in some cases, differ from Plans and Specifications:

1. All drives furnished by ASARCO to be complete with sheaves, belts and guards.
2. Air supply to solenoids, pressure switches and pressure regulators to be by ASARCO.
3. ICA Bag House will not be field painted.
4. 1/16" thick asbestos gaskets to be installed only on the pressure duct.
5. Electrical wiring which is not associated with this job and that must be rerouted for access to be rerouted by others.
6. ASARCO furnished baghouses to be factory assembled compartments (all internals factory installed). Insulation on ICA Bag House to be factory applied.
7. We have added one overhead door on the south end of the unloading enclosure.
8. Kiln ventilation alternate adds the cost for installing two dampers with controls on the inlet side of the Kiln Ventilation Bag House.
9. Electrical feeders to the substation to be rerouted as reviewed with ASARCO Engineering. PVC coated conduit to be used along spray chamber.

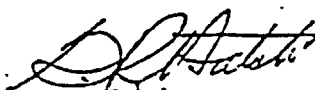
QUOTATION CONT'D

PAGE 3 OF 3

DATE 15 January 1973
El Paso Jobs No.
 PROJECT 567, 577, 578 and 579
 LOCATION El Paso, Texas

10. We will use conduit hubs at all "J" boxes in lieu of specified lock nuts and bushings.
11. We have added one ground well at flue rack steel conduit support.
12. We are quoting on specified wire. If we are permitted to use an "or equal" brand we can effect a saving.
13. Demolition includes only the following items that are not shown on the drawings:
 - a. Pole and existing power lines that interfere with deleading bag house.
 - b. Walls and roof of old Germanium Plant
 - c. Steel and wood loading ramps that interfere with 75 T. bin.
 - d. Wood tank that interferes with track loading bag house.
 - e. Two filter presses
 - f. Old trough type heat exchanger
 - g. Tank on platform and metal storage building that interfere with new belt conveyor.
 - h. Existing elevated concrete walkway that interferes with Matte Tap Bag House.
 - i. Existing flue at Matte Tap Ventilation to permit installation of new flue.
 - j. Existing hoppers in existing Cadmium Bag House.
14. We have added a manual four way air valve to actuate the cylinder on the belt conveyor flop gate.
15. Due consideration has been given to coordinating construction work with operational requirements.

Respectfully submitted,


 G. R. Hatch

GRH:iz

June 27, 1972
El Paso, Texas

Mr. Lee C. Travis, General Manager
Western Department
Salt Lake City, Utah

APPLICATION FOR PROPERTY APPROPRIATION
LOW LEVEL EMISSION CONTROL INSTALLATIONS
EL PASO PLANT NO. 567 - \$521,000

An appropriation approval in principle, P-2150, in the amount of \$424,000 was granted by the Board of Directors on March 28, 1972. The items contained in that appropriation approval had been discussed with the Vice President on his visit here on March 17.

Estimates had been compiled by the Engineering Department to determine the cost that would be necessary for the appropriations. Unfortunately, the matte ventilation system has been revised by Central Engineering, and the revised system requires an expenditure of \$111,000 more than the original design. This increase is because of recommendations by the Fume Recovery Department. The original design would discharge into the up-takes and a portion into the R&R flue system. The Fume Recovery Department calculated that the system would decrease the draft to such an extent as to prohibit utilizing complete gas availability. The new design incorporates a baghouse which will filter the fume and discharge into the preheaters, as well as the same volume as present into the up-takes. Surveys by the Environmental Science section indicate that smoke around the reverb when tapping matte contains sufficient quantities of lead that, at times, it may exceed the standards set by OSHA.

The estimate on the replacement of the blast furnace baghouse stacks has been increased by \$15,000 over that discussed in March. The increase is a result of a closer inspection of the stacks when measurements were taken and it was discovered that the breeching between the stacks and the baghouse is corroded to such an extent as to require changing. The breeching and the stacks will be fabricated steel which will be insulated on the outside and coated on the inside to prevent corrosion in the future. This baghouse has been in operation 1941, and this is the first replacement of the stacks in that baghouse.