PLAINTIFF'S EXHIBIT

ASA-608

SPECIFICATIONS

FOR

COTTRELL PLANT

VENTILATION DUST COLLECTOR

FOR

EL PASO PLANT

Prepared by:
ASARCO Incorporated
Central Engineering Department
Design Section
Salt Lake City, Utah

EA-26-EP
Plant: 623
N.Y. 3954

Date: November 4, 1976

SPECIFICATIONS
FOR
COTTRELL PLANT
VENTILATION DUST COLLECTOR

1.0 SCOPE

These specifications cover furnishing a ventilation dust collector complete with fan. This unit will be installed by others on top of a dust bin. Discharge from the bags to fall directly into this bin. Reference Dwg EP-23537-908-M.

2.0 SERVICE REQUIREMENTS

The dust collector will be used to ventilate the dust storage bin and auxiliary equipment in a dust handling system. It will operate only when the dust is being pulled from its source. This would normally be 7 hrs. per day.

3.0 DESIGN FEATURES

3.1 This unit to be a Mikro Pulsaire collector as outlined below:

1 - Model 64S-8- Style B Mikro Pulsaire Collector constructed of welded steel housing to enclose 64 dacron felt bags, 4½" dia. x 8' long, HCE treated. Collector to be complete with hinged access door, indicating manometer, electric timer for controlling frequency of cleaning

cycle, fan mount assembly with a Size 211XL Clarage industrial exhaust fan, arrangement No. 9, complete with V-belt drive, OSHA guard, and 7½ HP 1800 RPM TEFC motor.

Capacity: 3000 CFM @ 6" static pressure.

Safety grill on discharge is incorporated in the hopper inlet.

Collector to be tagged #90201.

3.2 Motor on fan to be for 460V, 60 hz, 3 ph service, 50°C ambient, 3800 ft. elevation and meet Asarco's Motor Specification CE-1-MOT.

4.0 PAINTING

Unit to have all exposed surfaces given a prime coat of a zinc rich primer. Finish coat by others.

PURCHASE ORDER

ASARCO Incorporated
PURCHASING DEPARTMENT
120 BROADWAY, NEW YORK, N.Y. 10005

DATE: 4/25/77
ORDER NO.: 27H-0909

PLANT JOB/APPROPRIATION NO.: 623/NY 3954

REQUISITION NO.: CE-76-EP-68 (E)

TO: Screw Conveyor Corp.
700 Hoffman St.
Hammond, Indiana 46320
Attn: Mr. R. Potts

FINAL DESTINATION-PLEASE NOTE CONSIGNMENT BELOW
El Paso, Texas

(83220)

DATE REQUIRED AT DESTINATION: November 1977

CONSIGNMENT-SELLER WILL SHIP TO: ASARCO Incorporated, El Paso Smelting Works, El Paso, Texas 79999, Mail invoices to above at: P O Box 1111

SHIPPING INTERVAL PROMISED: 12-14 Wks. After

SELLER WILL SHIP BEFORE: Drawing Approval

POINT OF SHIPMENT:

TERMS: 1½% 10 days Net 30 days

Render bills as per attached shipping instructions

F.O.B. POINT: *See Page 3

SHIP VIA:

QUANTITY	UNIT	SPECIFICATIONS	ITEM NO.	UNIT PRICE
		COTTRELL PLANT DUST HANDLING SCREW CONVEYOR & BUCKET ELEVATOR		
1	only	12" Dia. Screw Conveyor Unit 60'-11" lg. inside trough ends, to convey 600 cubic ft. per hour of dust at 40 lbs. per cubic ft. controlled feed at 30% loading at 50 RPM consisting of:		
		4 only 12H614 R.H. Screw Conveyor 11'-9" long.		
		1 " 12H614 R.H. Sectional screw conveyor 12'-8" long with bare pipe at discharge end.		
		20 " 3/4" x 5" Temulac coupling bolts.		
		1 " 3" dia. tail shaft prepared for a zero speed switch assembly.		
		1 " 12" x 3" Anti-friction trough end with waste pack seal.		
		4 " 3" Dia. hardened conveyor coupling shafts.		
		4 " 12" x 3" Style 326 expansion type hanger with hard iron bearing.		
		1 " 12" x 3/16" thick drop bottom trough 60'-11" lg. fitted with a #12 ga. flanged cover 59'-3½" bolted on 15" centers, Also to have 1/8" thick Asbestos gaskets at all flange joints and under cover. Trough to have 8" lg. piano		

ls

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

FOR PURCHASING DEPARTMENT USE ONLY

TVO $16,753. URGER 5/18 CC 1308-3 PC 206

DISTRIBUTION: 1-G.D.Martin/E.H.Haug
1-W.T.Sweat/A.O.Marsh,Jr.
1-W.R.Kelly/W.R.Nasmyth/J.M.Turner
1-M.L.Leary/W.R.Mahoney/2-L.Green
3-R.O.Covington

ASARCO

PURCHASE ORDER

CONTINUED

DATE 4/25/77

ORDER NO. 27H-0909

PLANT JOB/APPROPRIATION NO.

REQUISITION NO. CE-76-EP-68 (E)

QUANTITY	UNIT	SPECIFICATIONS	ITEM NO.	UNIT PRICE
		hinges on one side & Simmons link-lock clamps on opposite side. Also to have outside Batten bar at cover joint.		
		1 only 13" x 19" x 3/16" thick discharge spout with flange (no slide) punched per customers dwg.		
		1 " 13" dia. x 3/16" thick inlet spout without flange, 1" high fitted to a #12 ga. flanged cover 2'-9½" lg. with one inside batten bar at cover joint punched per customers dwg.		
		1 " Electro sensor zero speed indicator, Model R100 complete with magnet discharge & sensing head with 10'0" of cable with fabricated mounting bracket.		
		6 " 12 SF - support feet.		
		6 " 5/16" thick special fabricated support feet per customers dwg.		
		Paint Exterior: Sandblast & paint one coat of inorganic zinc heat resistant primer.		
		Note: Inlet expansion transition chute by others.		
		Drive Equipment: 7½ H.P. at 50 RPM		
		1 only 7½ HP TEFC 1750 RPM, 3 phase, 60 cycle, 230/460 volt "XT" chemical type motor with 1.15 service factor & Class "F" insulation with a Falk Class I, #1207JSC24 screw conveyor drive with 3" dia. drive shaft, 12" trough end, motor mount, sheaves, V-belt & belt guard for 50 RPM.	1	LOT $6,639.00

PD1A-REVISED 5/75

PURCHASE ORDER

CONTINUED

DATE 4/25/77

ORDER NO. 27H-0909

PLANT JOB/APPROPRIATION NO.

REQUISITION NO. CE-76-~~EP-68~~ (E)

QUANTITY	UNIT	SPECIFICATIONS	ITEM NO.	UNIT PRICE
		Drawings & Technical Data: Four (4) weeks after receipt of order, Supplier shall submit for approval four (4) sets of drawings to: Mr. A.O. Marsh, Jr., Chief Design Engr. ASARCO Incorporated 500 Crandall Bldg. Salt Lake City, Utah 84101 After approval, Supplier shall furnish one (1) set of certified sepias and one (1) set of installation and maintenance manuals along with spare parts list to: Mr. A.O. Marsh, Jr. Address as above. Supplier shall also furnish one (1) set of certified transparencies and six (6) sets of installation and maintenance manuals and spare parts lists to: Mr. W.R. Kelly, Manager ASARCO Incorporated P O Box 1111 El Paso, Texas 79999 Total approx. shipping weight 10,850 lbs.		

PD1A-REVISED 5/75

PURCHASE ORDER

DATE: 4/25/77

ORDER NO. 27H-0909

CONTINUED

PLANT JOB/APPROPRIATION NO.

REQUISITION NO. CE-76-EP-68 (E)

INSTRUCTIONS

IMPORTANT Supplier will be held responsible for strict compliance with the following marked ☒ instructions and any departure will render you liable for consequent expense incurred.

Packaging — Packaging to insure safe arrival at destination is to be in proper and substantial:

- ☐ Wood cases — steel strapped.
- ☐ Paper board cartons — wire strapped.
- ☐ Standard export packaging.
- ☐ Domestic cartons or packaging.
- ☐ Suitable packing for rough handling Via Air Freight or Parcel Post.
- ☐ Cost of packaging included in purchase price.
- ☐ Cost of packaging is not to exceed _____

Federal Excise Tax

- ☐ This order is exempt from Federal Excise Tax as we have complied with the registration requirements of section 4222 of the International Revenue Code of 1954.

Invoicing

- ☐ Payment of duty at the foreign port of entry is based on original value, and no allowance is made for trade and cash discounts; therefore only actual net itemized prices must be shown on the invoices. List prices, trade and cash discounts must not appear.

Consignment — Unless indicated on the first page of this Purchase Order the following is to apply:

- ☐ For Export to
  c/o Seven Santini Brothers (WHSE)
  58-35 47th Street
  Maspeth, New York 11378
- ☐ Telegraph or Telephone
  C.W. Kane, Traffic Manager
  120 Broadway
  New York, New York 10005
  When Material is ready for shipment
- ☐ For Export to
  Hold And Notify
  C.W. Kane, Traffic Manager
  120 Broadway
  New York, New York 10005
- ☐ Neptune Mining Co.
  New Orleans, La.
  For Export to Bonanza, Nicaragua
  c/o Harper Robinson & Co.
  #2 Canal Street
  New Orleans, La. 70130
- ☐ This order is to be consigned in accordance with the attached special instructions.
- ☐ This order is to be consigned in accordance with the special instructions outlined in body of order.

General Instructions

- ☒ 1. Each article or package must bear our order and requisition number.
- ☒ 2. When ready, ship in accordance with consignment and routing as specified on First Page.
- ☐ 3. Please prepay transportation charges to the port. If charges are for our account, render separate invoice supported by receipted freight bill.

Marks & Numbers

- ☐ Each package or piece comprising the shipment must be plainly stenciled in large, easily legible characters on both ends, as follows:

ORDER NO. _____

REQ. NO. _____

and number consecutively from _____ using as many numbers as required.

Do not use numbers or marks other than those shown above. No two packages should bear the same number. Gross weight in kilos must be shown on each package.

Preparation of Documents

- ☐ Invoices must be certified true and correct and must show country of origin. Invoices and packing lists must reflect accurately in every detail the actual marks on the packages and must show the number of packages, package numbers, and the following data, showing all weights in pounds and kilos and the respective totals thereof:
  Net weight and value of each article
  Net, gross, legal weights and dimensions of each package.
  Full description of each article (Do not use general terms).

Disposition of Documents

- ☐ Copies of packing lists and invoices, together with a railroad bill of lading in duplicate (If shipment originates inland), must be mailed to our Purchasing Department on date of shipment.
- ☒ Original and two copies of itemized invoices packing list and original bill of lading to be mailed to the consignee.
- ☐ This order is to be invoiced in accordance with the attached special instructions.
- ☐ This order is to be invoiced in accordance with the special instructions outlined in body of order.

Note: If necessary to phone regarding these shipping instructions or delivery call
212—732-9500 EXT. _____

PLEASE ENTER OUR ORDER FOR THE ITEMS SPECIFIED ABOVE, SUBJECT TO ALL INSTRUCTIONS AND PROVISIONS ON REVERSE SIDE

BY _____

PURCH[illegible]

PD 1B-REVISED 9/76

ASARCO ELP 0000283

AEP