



SOUTHWESTERN

INDUSTRIAL CONTRACTORS AND RIGGERS, INC.

Formerly: CONSTRUCTION DIVISION, SOUTHWESTERN TRANSFER CO., INC.

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PLAINTIFF'S EXHIBIT

ASA-1553

May 8, 1970

Mr. J. Paul Harrison, Vice President
New York Purchasing Department
American Smelting and Refining Company
120 Broadway
New York City, New York 10005

Dear Sir:

SPECIFICATIONS DATED MARCH 2, 1970 FOR
1970 COTTRELL ADDITION FOR ASARCO
EL PASO PLANT, EL PASO, TEXAS
N. Y. APPROP. 2025, PLANT JOB #536

We have carefully examined the drawings and specifications submitted to us by your Central Engineering Department covering the proposed fabrication and installation of a Spray Chamber, Cottrell Plant and Connecting Flues. We have also visited the site and acquainted ourselves with those conditions we feel will have an effect upon the conduct of the work. Our lump sum bid, as requested under your Section II, Instructions to Bidders, is hereby attached in triplicate with additional copies having been sent to the below listed persons.

If we are favored with the contract work as specified, we estimate engineering procurement and construction schedules to be a total of approximately 150 working days after receipt of a formal contract with details.

Very truly yours,

SOUTHWESTERN INDUSTRIAL
CONTRACTORS AND RIGGERS, INC.

G. R. Hatch
G. R. Hatch

GRH:iz

cc:

Mr. E. H. Haug
Mr. A. O. Marsh, Jr.
Mr. L. C. Travis
Mr. W. R. Kelly

ATTACHMENT TO: BID FORM LETTER

SPECIFICATIONS DATED MARCH 2, 1970 FOR 1970 COTTRELL
ADDITION FOR ASARCO EL PASO PLANT, EL PASO, TEXAS
N. Y. APPROP. 2025, PLANT JOB #536

We herewith propose to furnish all material, plant, labor and supervision as required to construct, fabricate and erect all components of the Spray Chamber, Cottrell Plant and Connecting Flues in accordance with engineering drawings and specifications prepared by American Smelting and Refining Company titled 1970 Cottrell Addition, El Paso, Texas.

Our total cost for this work including all applicable tax is One Million Seven Hundred Fifty Thousand Dollars (\$1,750,000.00). We do not include cost of performance bond.

We further propose that work be completed 150 working days after receipt of contract. Our construction schedule indicates that upon award of contract field mobilization and excavation of footings will commence immediately, with first concrete pour being projected within 30 days.

We have included in the afore cost an amount for performing steel caisson placement per contract specifications. Said work being accomplished with a Bemoto Machine furnished by our bidding subcontractor, Lakeside Contractors, Chicago, Illinois. Investigation of construction requirements indicates that this firm has the only operable Bemoto Machine in the United States.

Our proposal for placing specified caissons (Bemoto Machine) is in the amount of \$82,950.00. \$16,800.00 of this amount is for moving rig and equipment to jobsite.

It is often desirable, with utilization of the Bemoto Machine, to withdraw the steel caisson as concrete is poured. If this application could be applied and such procedure approved, deduct from our total bid, \$12,000.00.

We have also developed and prepared an alternate procedure for placing caissons. This procedure for drilling and driving caissons is attached hereto. If this method is approved, deduct \$40,000.00 from total bid amount.

Our cost reflects our interpretation of Section III, Appendix B Concrete Specifications, Paragraph 44, Page III - 6, that all tie rods shall be removed from within poured walls.

We propose to utilize, and have included an applicable cost, a form tapered tie equal to Burke # 130.

If our interpretation is in error and standard snap ties with cones can be utilized deduct \$4,000.00 from total bid amount.

Per telephone conversation of May 7, 1970 between our Mr. Wheatley and Mr. Harrison, we will adjust the above total bid amount by telegraphic notification prior to 12 Noon, May 15, 1970.

Respectfully submitted,

SOUTHWESTERN INDUSTRIAL
CONTRACTORS AND RIGGERS, INC.


G. R. Hatch

Proposed Alternate Procedure for Caisson Placement

In lieu of utilizing a Bemoto Machine or equal as specified, it is herewith proposed that an alternate method to drill, drive and place steel, 5/16" wall, caissons of size indicated, be followed.

Our proposed procedure is as specifically outlined below:

1. First four feet of excavation will be accomplished with an auger of like size of required caisson outside dimension.
This will allow exact alignment of caisson.
2. In placing of a 36" caisson, drill ahead of caisson with a 30" auger before driving and turning caisson. Lead depth of auger will not exceed 18" (bottom rim of caisson to auger face)
Ditto above requirement for 30" caisson except utilize 24" auger.
Ditto above requirement for 24" caisson except utilize 18" auger.
3. Caisson will be rotated if necessary.
4. Auger face will not exceed minimum bearing elevation.
5. Hand excavate last foot above indicated minimum bearing level and drive caisson to bearing elevation.
6. Hand excavate and clear hole after caisson is at bearing elevation.

Original Appn	1,420,000
Bal. - Apr. 30, 1970	1,373,600
Contract	1,130,000
Bal	\$ 243,600
MTL. by H&H CO - On Order	157,000
Bal	\$ 86,600

Rectifiers (on Hayden books @ 3466 ⁰⁰ Ea)	24262 ⁰⁰
Moving into Storage & June 69 Storage	100 ⁰⁰
12 Mo Storage (To July 31, 1970)	400 ⁰⁰
Frpt to Dallas - Est 20,150 ⁰⁰	10000 ⁰⁰
Insp. & Test at Dallas Et 2000 ⁰⁰ Ea	1400 ⁰⁰
Freight Dallas to El Paso. 22,125 ⁰⁰	500 ⁰⁰
	\$ 27,662 ⁰⁰

Work by Plant - Bulkheads, clearing
site etc.

Leaving work from May 1, 1970 to
End of Job

Electrical Work.

96,000