

Revised 3/63

TO:	APPROVED BY
Purchasing_____	
Credit_____	
Legal_____	
Insurance_____	
Operating_____	
Vice President_____	
RETURN TO PURCHASING DEPARTMENT	

PLAINTIFF'S EXHIBIT

ASA-1706

Page 1 of 7
Construction or Repa
Contract Form PD-1
Under \$100,000.00

ORDER NO. _____

CONTRACT FOR
Electrical Work on
1970 Cottrell Addition

(Insert name of job)

AMERICAN SMELTING AND REFINING COMPANY'S El Paso Plant

at El Paso, Texas

(Insert town and state)

THIS AGREEMENT, made the 19th day of November, 1970,

by and between Gardner-Zemke Co. Electrical Contractors, whose address is
P.O. Box 3115, Sta. "A", El Paso, Texas 79923 (hereinafter called the
"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").

WITNESSETH:

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 Electrical Work (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)

Set of specifications prepared by ASARCO, Central Engineering Dept., Salt
Lake City, Utah dated Aug. 14, 1970 entitled Electrical Construction Speci-
fications for 1970 Cottrell Addition, El Paso Plant, El Paso, Texas, with 13
drawings mentioned therein. Also Gardner-Zemke Quotation E114 dated 11/16/70

DMART 227

Article 2. Time of Completion

The work shall be commenced by December 1, 1970 and shall be substantially completed February 28, 1971.

~~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 _____ dollars, (\$ _____), lawful money of the United States of America within _____ 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 Twenty Thousand Seven Hundred dollars, (\$ 20,700.00), lawful money of the United States, as follows:

On or about the 10th day of each calendar month, commencing January 10, 19 71, the Owner shall pay the Contractor Ninety per cent (90 %) 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 Ninety per cent (90 %) of the contract price. Final payment of the remaining (10 %) of the contract price shall be due 30 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, firms 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 the work is free of all liens and encumbrances.

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 remain 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. The Contractor shall, at any time requested by the Owner, deliver a bond satisfactory to the Owner indemnifying it against any lien and expenses occasioned thereby.

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 of 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.

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, wind-storm, 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 regulation, he shall bear all costs arising therefrom.

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 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 to 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 of 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 to 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 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 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. 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.

GARDNER ZEMKE COMPANY

Contractor

By

J. C. Pharr
J. C. PHARR

Title

VICE PRESIDENT

AMERICAN SMELTING AND REFINING COMPANY

Owner

By

J. W. Arthur

Purchasing Agent

AMERICAN SMELTING AND REFINING COMPANY

FORM # INSURANCE-1 Revised 11/56

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 Gardner-Zenke Co.

THESE POLICIES ARE NOW IN FORCE, COVERING WORK BY THE ASSURED FOR AMERICAN SMELTING AND REFINING COMPANY ON CONTRACT for the Cottrell Addition - ASARCO PLANT -
AT 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, SAMUEL METZGER, JR., 120 BROADWAY, NEW YORK, N.Y.

KIND OF INSURANCE	DESCRIPTION OF POLICY			REQUIRED MINIMUM
	NUMBER	EXPIRES	LIMITS OF LIABILITY	
CONTRACTOR'S PUBLIC LIABILITY (COMPREHENSIVE INCLUDING CONTRACTUAL)*				
BODILY-INJURY				
PROPERTY-DAMAGE				
CONTRACTOR'S PROTECTIVE LIABILITY				
BODILY-INJURY				
PROPERTY-DAMAGE				
AUTOMOBILE				
BODILY-INJURY				
PROPERTY-DAMAGE				
WORKMEN'S COMPENSATION				
AND				
EMPLOYER'S LIABILITY				

*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.

The Gardner-Zenke Company



ELECTRICAL CONTRACTORS
4600 LINCOLN ROAD, N.E.
ALBUQUERQUE, N. M. 87109

PLEASE REMIT TO:
P. O. Box 3115 Station "A"
El Paso, Texas 79923

CONTRACT E-7002-3

El Paso Plant - Separate Requisition for Each Item

Cost A/C No. 536-10

Dept. Power

Serial No. _____

Date: March 26, 1971

Description of Work Electrical work

Our No: E-7002-3

CONTRACT AMOUNT \$20,700.00

Quantity	Size or Part	Material	Cost	Code No.
		<u>Constructors Chgs</u>	<u>\$ 890.83</u>	

Date 4/28/71 Signed [Signature]

ion

		CONTRACT	% COMPLETE	AMOUNT
321	Install, Wire & Connect			
	A. Load Center	1,045.17	100	1,045.17
	B. Motor Control Center	503.76	100	503.76
322	Wire & Connect			
	A. Knocking Control Panel	1,192.93	100	1,192.93
	B. All Motors	3,737.53	100	3,737.53
	C. 7-Rectifiers & Control Panel	1,914.44	100	1,914.44
	D. 7-Saturable Reactors	894.20	100	894.20
	E. All Control Accessories	856.21	100	856.21
323	Furnish & Install			
	A. 480V Feeder	439.23	100	439.23
	B. 480V Power & Ltg. Dist.	155.31	100	155.31
	C. 110V Power, Ltg. Fixtures, Panel & Transformer	7,575.63	100	7,575.63
	D. Control, Inst. & Thermocouple Wiring	180.22	100	180.22
	E. Grounding System	2,200.27	100	2,200.27
	TOTAL CONTRACT	20,700.00		
	TOTAL TO DATE		100	20,700.00
	LESS PREVIOUS PAYMENTS			17,828.21
	TOTAL AMOUNT DUE			\$2,871.79
				<u>890.83</u>
				<u>1980.91</u>
				<u>\$ 2871.79</u>

Approved 4/28/71
[Signature]
Job 536-10

Total Due 20,700.00
Chg out previously 19,809.12
\$ 890.83 Chg out 4/28/71

Pay Job 536-10 Chg out
from 10% Reserve \$ 1980.91
Pay \$ 2871.79

El Paso, Texas
March 1, 1971

Mr. W. H. Kelly
Manager
El Paso Plant

PROGRESS REPORT - COTTRELL CONSTRUCTION
APPE. EP 536 - NY 2025 &
1000 KVA LOAD CENTER EP 545 - NY 2098

The cottrell was put into operation during the evening shift, February 25, 1971 following a shutdown of the Copper Department which started Monday, February 22 at 7 a.m. for installing the bulkhead and cutting an opening in the west side of the R & R flue to connect the flue to a new spray chamber.

A few minor adjustments have been necessary, but the cottrell is operating satisfactorily. The Contractor has some additional work on sheeting of the building and cleanup, which is being done at this time.

Work has been started on the last phase of the cottrell job, which consists of removal of two bags of the old R & R flue, south of the former R & R cottrell for extension of the converter baloon flue and connecting it to the former R & R cottrell. This phase should be completed by April 15, 1971.

The load center has been completed and is being used. This job will be closed as soon as all invoices are paid.

J. W. ENGLISH

JWE:nsg

cc: L. C. Travis
K. H. Bang
A. O. Marsh
W. R. Masnyth

The Gardner-Zemke Company



ELECTRICAL CONTRACTORS
4600 LINCOLN ROAD, N.E.
ALBUQUERQUE, N. M. 87109

PLEASE REMIT TO:
P. O. Box 3115, Station A
El Paso, Texas 79923

INVOICE

E-7002-2

Date: February 26, 1971

SOLD TO: American Smelting & Refining Co.
P. O. Box 1111
El Paso, Texas

Our No: E-7002-2

CONTRACT AMOUNT \$20,700.00

Your Job No:

		CONTRACT	% COMPLETE	AMOUNT
321	Install, Wire & Connect			
	A. Load Center	313.57	100	1,045.17
	B. Motor Control Center	254.38	100	508.76
322	Wire & Connect			
	A. Knocking Control Panel	1,192.98	100	1,192.98
	B. All Motors	3,737.53	85	3,176.69
	C. 7-Rectifiers & Control Panel	1,914.44	100	1,914.44
	D. 7-Saturable Reactors	894.20	100	894.20
	E. All Control Accessories	856.21	100	856.21
323	Furnish & Install			
	A. 480V Feeder	439.23	100	439.23
	B. 480V Power & Ltg. Dist.	155.31	100	155.31
	C. 110V Power, Ltg. Fixtures, Panel & Transformer	7,575.68	100	7,575.68
	D. Control, Inst. & Thermocouple Wiring	180.22	100	180.22
	E. Grounding System	2,200.27	85	1,870.23
	TOTAL CONTRACT	20,700.00		
	TOTAL TO DATE			19,809.12
	Less 10% Retention			1,980.91
	SUB TOTAL			17,828.21
	Less Previous Payments			12,878.22
	AMOUNT DUE TO DATE			\$ 4,949.99

20,700
4,438
21,138

19,809
438
374

19809

5499.99
549.99
4950.00

19809.12
14309.12

5499.99 - Chg Out
731.62 - 545-B

4768.37 - 536-10

Pan

Chg Out

El Paso Plant - Separate Requisition for Each Item

Cost A/C No. 545-2

Dept. Const

Serial No. _____

Description of Work Wiring Trunk & Switch gear -

Quantity	Size or Part	Material	Cost	Code No.
		Contractors charges	731 ⁴² / ₁₀₀	

Date 3/1/71

Signed [Signature]
HALL PRINTING CO. - EL PASO

El Paso Plant - Separate Requisition for Each Item

Cost A/C No. 536-12

Dept. Const

Serial No. _____

Description of Work Cottrell - Elec Wiring -

Quantity	Size or Part	Material	Cost	Code No.
		Contractors charges	\$ 4768 ³⁷ / ₁₀₀	

Date 3/1/71

Signed [Signature]
HALL PRINTING CO. - EL PASO

The Gardner-Zenke Company



ELECTRICAL CONTRACTORS
4600 LINCOLN ROAD, N.E.
ALBUQUERQUE, N. M. 87109

Please Remit To:
P. O. Box 3115, Station A
El Paso, Texas 79923

INVOICE

E-134-1

Date: February 26, 1971

SOLD TO: American Smelting and Refining Company
El Paso Smelting Works Branch
P. O. Box 1111
El Paso, Texas 79999

Our No: E-134-1

Your Job No:

ASARCO ord # 331

1.	Extending Electrical Control Wiring to Set of 9 Sprays on Top of South Tower of Spray Chamber and Connecting to Solenoid Valve & Control Panel.	90.00	536-10
2.	Extra Switch in Control Building.	24.00	- 545-1
Total			
El Paso Plant - Separate Requisition for Each Item		Cost A/C No.	545-1
Dept.	Control	Serial No.	
Description of Work		Lead Control - Extra Switch	
Quantity	Size or Part	Material	Cost
		Contractors fees	\$ 24.00
Date	3/1/71	Signed	JW [Signature]
El Paso Plant - Separate Requisition for Each Item		Cost A/C No.	536-10
Dept.	Control	Serial No.	
Description of Work		Control - Wiring Extra 9 Spray Vals	
Quantity	Size or Part	Material	Cost
		Contractors Charges	\$ 90.00
		our ord # 331	
Date	3/1/71	Signed	JW [Signature]

Extra (2)

The Gardner-Zemke Company



ELECTRICAL CONTRACTORS
4600 LINCOLN ROAD, N.E.
ALBUQUERQUE, N. M. 87109

Please Submit To:
P. O. Box 3115, Station A
El Paso, Texas 79923

INVOICE E-123-1

Date: February 26, 1971

SOLD TO: American Smelting and Refining Company
El Paso Smelting Works Branch
P. O. Box 1111
El Paso, Texas 79999

Our No: E-123-1

Your Job No: *ASAP order 1595*

1.	Furnishing 7 - Type 1 Electric Light Fixtures, Conduit Wire and Labor for Installing.		
	Total Amount Due		\$324.00 <u>114</u> 438

El Paso Plant - Separate Requisition for Each Item

Dept. *Const.*

Cost A/C No. *536-10*

Serial No. _____

Description of Work	Quantity	Size or Part	Material	Cost	Code No.
<i>Contractors Charges</i>				<i>324.00</i>	
<i>per Ord # 1595.</i>					
Signed <i>[Signature]</i>					
Date <i>3/1/71</i>					

MAIL PAYMENT CO. - EL PASO

Eng.

February 19, 1971

331

Gardner Zenke Company
P.O. Box 3115 Sta. "A"
El Paso, Texas 79923

From Stock

Net 30 Days

Our Plant

Del.

536-2

Extending Electrical Control Wiring to Set of
9 Sprays on Top of South Tower of Spray Chamber
and Connecting to Solenoid Valve & Control Panel

33/M

90.00

NOTE: Your Particular Attention is Called to Clause
11 On Reverse Side Hereof.

545-1

Install 1 addnl lite switch
at door of load center house

24⁰⁰

ENK Const. - Job 536-2

331

The Gardner-Zemke Company

ELECTRICAL CONTRACTORS

4600 Lincoln Road, N.E.
Albuquerque, New Mexico 87109
Ph. (505) 345-2437



P. O. Box 3115, Sta. "A"
El Paso, Texas 79923
Ph. (915) 566-9411

Please reply to: E-054

February 17, 1971

American Smelting & Refining Co.
P. O. Box 1111
El Paso, Texas 79989

Attn: Mr. J. W. English
Project Engineer

Re: Cottrell Addition
Asarco, El Paso, Texas

Gentlemen:

As per your request we are pleased to quote a price of Ninety & No/100 Dollars (\$90.00) for the electrical installation for Group One (1) sprays on the R & R Spray Chamber.

If there are any questions, please advise.

Very truly yours,

THE GARDNER-ZEMKE COMPANY

L. N. Bennett
Engineer

LNB:ms

El Paso, Texas
February 1, 1971

Mr. William R. Kelly
Manager
El Paso Plant

PROGRESS REPORT - COTTRELL CONSTRUCTION
APPH. EP 536 - NY 2025 and
LOAD CENTER APPH. EP 545 - NY 2098

Due to snow, ice and cold winds during the first week of January, the contractor's crews did not work and the Cottrell job was not completed during January as planned. The job is about 95% complete at this time and a shutdown for tie-in is scheduled for Monday, February 15. This schedule will allow time for a complete electrical and mechanical check out of all equipment before the shutdown.

As stated before, the last phase of the job, extending the converter line to put the present Revard and Rooster Cottrell into the converter flue system, giving them eleven sections, will be completed about April 15, 1971.

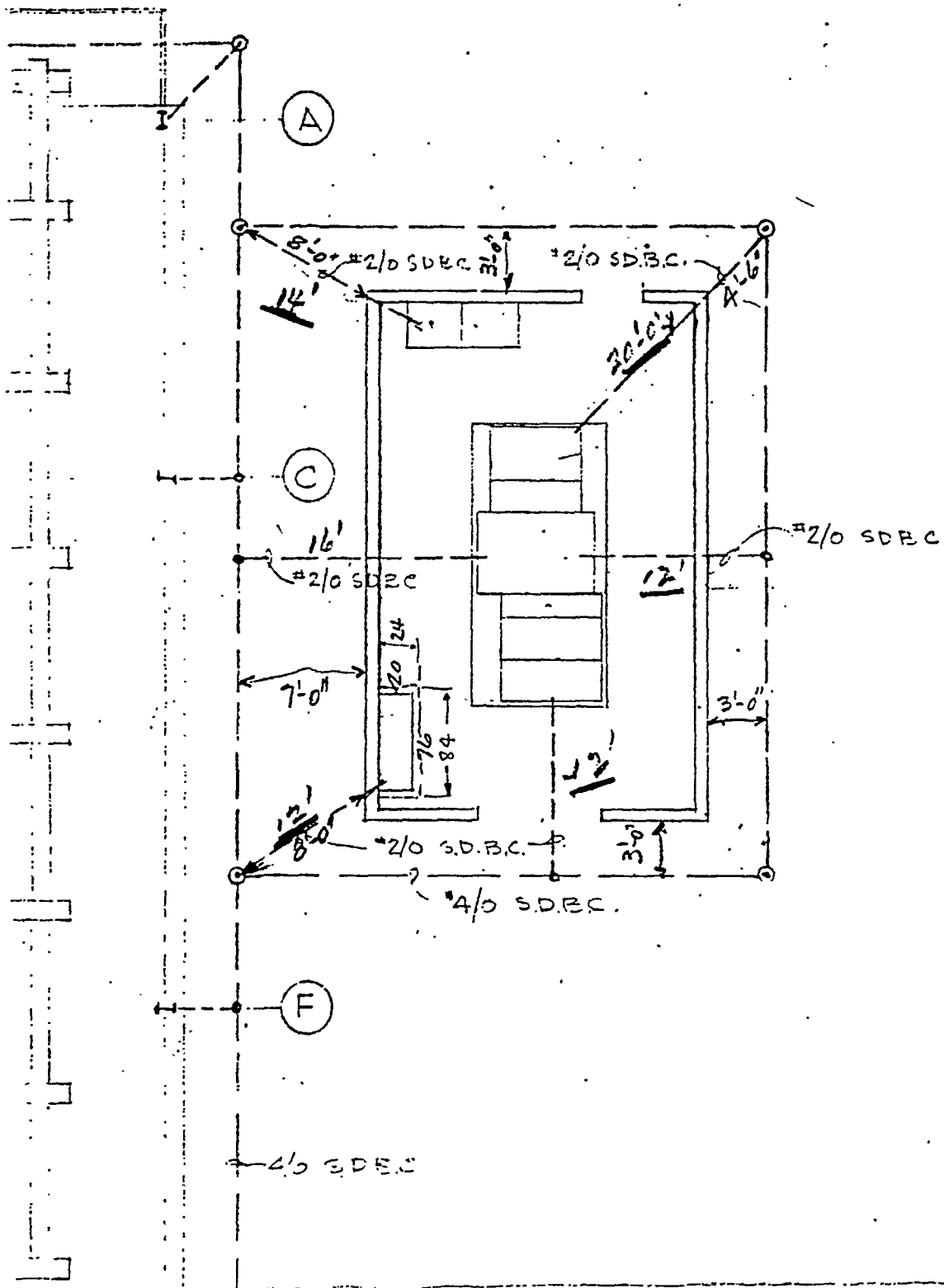
The load center equipment has all been installed and wiring will be completed this week.

Three photos showing the construction site are attached.

J. W. ENGLISH
Project Engineer

JWE:nsz
Encl.

cc: L. C. Travis
E. H. Saug
A. O. Marsh
W. R. Rensyth



ELEC DRGS

EP 16302

✓ 16684

✓ 16685

✓ 16686

✓ 16687

✓ 16688

✓ 16689

✓ 16690

✓ 16691

✓ 16692

✓ 16693

✓ 16694

✓ 16695

✓ 17210 - Ref only.

PLEASE REMIT TO:
P. O. Box 3115, Station "A"
El Paso, Texas 79923

Date: January 28, 1971

SOLD TO: American Smelting & Refining Co.
P. O. Box 1111
El Paso, Texas

Our No: E-7002-1

CONTRACT AMOUNT \$20,700.00

		CONTRACT	% COMPLETE	AMOUNT
321	Install, Wire & Connect			
5-3 → A.	Load Center	1,045.17	30	313.55
6-10 → B.	Motor Control Center	508.76	50	254.38
322	Wire & Connect			
A.	Knocking Control Panel	1,192.98	80	954.38
B.	All Motors	3,737.53	80	2,990.02
C.	7-Rectifiers & Control Panel	1,914.44	50	957.22
D.	7-Saturable Reactors	894.20	40	357.68
E.	All Control Accessories	856.21	50	428.11
323	Furnish & Install			
A.	480V Feeder	439.23	90	395.31
B.	480V Power & Ltg. Dist.	155.31	100	155.31
C.	110V Power, Ltg. Fixtures, Panel & Transformer	7,575.68	75	5,681.76
D.	Control, Inst. & Thermocouple Wiring	180.22	95	171.21
E.	Grounding System	2,200.27	75	1,650.20
	TOTAL CONTRACT	20,700.00		
	TOTAL TO DATE			14,309.13 <i>Chg. P.</i>
	Less 10% Retention			1,430.91
	SUB TOTAL			12,878.22
	Less Previous Payments			.00
	AMOUNT DUE TO DATE			\$12,878.22 <i>Pay</i>
				545-3- 1313.55
				536-10-13995.58
				# 14,309.13

El Paso Plant - Separate Requisition for Each Item

Cost A/C No. 536-10

Dept. Cottrell

Serial No. _____

Description of Work Power Wiring

Quantity	Size or Part	Material	Cost	Code No.
		<u>Contractors Charges.</u>	<u>13995.50</u>	

Date _____ Signed _____

WILL PRINTING CO.—EL PASO

El Paso Plant - Separate Requisition for Each Item

Cost A/C No. 545-2

Dept. Cottrell

Serial No. _____

Description of Work Load Center

Quantity	Size or Part	Material	Cost	Code No.
		<u>Contractors Charges</u>	<u>312.50</u>	

Date 2/1/71 Signed _____

WILL PRINTING CO.—EL PASO

PURCHASE ORDER

DATE	December 15, 1970
ORDER NO.	1595
REQUISITION NO.	

PLANT JOB NO.
APPROPRIATION NO.

AMERICAN SMELTING AND REFINING COMPANY
EL PASO SMELTING WORKS BRANCH
P. O. BOX 1111 - EL PASO, TEXAS 79999

TO:	
Gardner Zinke Company P.O. Box 3115 Sta. "A" El Paso, Texas 79923	
DATE REQUIRED AT DESTINATION:	
SHIPPING INTERVAL PROMISED	SELLER WILL SHIP BEFORE:
From Stock	
POINT OF SHIPMENT	TERMS
	Net 30 Days
F.O.B. POINT	
Our Plant	

Ship To
American Smelting and Refining Company El Paso Smelting Works Branch El Paso, Texas
Render Bills as per Shipping Instructions Against:
American Smelting and Refining Company El Paso Smelting Works Branch P. O. Box 1111, El Paso, Texas 79999
SHIP VIA
Del.

QUANTITY	UNIT	SPECIFICATIONS	OUR CODE NO.	ITEM NO.	UNIT PRICE
		Furnishing 7 - Type 1 Electric Light Fixtures, Conduit Wire and Labor for Installing	33/M		
		2 at North End Cottrell Bldg.			
		5 at South " " " At Gnd. Floor			324.00
		NOTE: Your Particular Attention is Called to Clause 11 On Reverse Side Hereof.			
		QUADRUPLICATE INVOICE REQUIRED			

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

Cottrell Const. - Job 530-10

1595

The Gardner-Zemke Company

ELECTRICAL CONTRACTORS

4600 Lincoln Road, N.E.
Albuquerque, New Mexico 87109
Ph. (505) 345-2437



P. O. Box 3115, Sta. "A"
El Paso, Texas 79923
Ph. (915) 566-9411

Please reply to: E-135

December 11, 1970

American Smelting & Refining Co.
P.O. Box 1111
El Paso, Texas 79999

Attn: Mr. J. W. English
Project Engineer

Re: 1970 Cottrell Addition
ASARCO, El Paso, Texas

Gentlemen:

As per our discussion of December 11, 1970 we are pleased to quote a price of Three-hundred-twenty-four & No/100 dollars (\$324.00) to furnish, install and connect seven (7) each additional type 1 fixtures. The fixtures are to be installed in the conveyor floor area per our discussion. The fixtures are type 1 fixtures as detailed and described on Drawing EP-16690 of the 1970 Cottrell Addition.

If there are any questions, please advise.

Very truly yours,

THE GARDNER-ZEMKE COMPANY

L. N. Bennett

L. N. Bennett
Engineer

LNB:ms

The Gardner-Zemke Company

ELECTRICAL CONTRACTORS

4600 Lincoln Road, N.E.
Albuquerque, New Mexico 87109
Ph. (505) 345-2437



P. O. Box 3115, Sta. "A"
El Paso, Texas 79923
Ph. (915) 566-9411

Please reply to: E-132

December 9, 1970

American Smelting & Refining Co.
P. O. Box 1111
El Paso, Texas 79999

Attn: Mr. J. W. English
Project Engineer

Re: 1970 Cottrell Addition

Gentlemen:

The following is a breakdown of the work included in our contract as outlined in section 3.0 of the specifications:

3.21	Install wire and connect the following equipment by owner:	
a.	One (1) load center	1,045.17
b.	One (1) motor control center	508.76
3.22	Wire and connect the following equipment installed by the General Contractor:	
a.	Cottrell knocking control panel	1,192.98
b.	All motors on drawing including control room blower	3,737.53
c.	Seven (7) rectifier control panels & rectifiers	1,914.44
d.	Seven (7) saturable reactors	894.20
e.	All control accessories	856.21
3.23	Furnish and install the following equipment:	
a.	480V feeder	439.23
b.	480V power and lighting distribution	155.31
c.	110V power and lighting distribution including lighting transformer, panel and lighting fixtures	7,575.68
d.	Control, instrumentation and thermocouple wiring	180.22
e.	Grounding system	2,200.27
f.	By others	
		\$20,700.00

If there are any questions, please advise.

Very truly yours,

THE GARDNER-ZEMKE COMPANY

L. N. Bennett

L. N. Bennett
Engineer

LB:ms

Subsidiary: Aztec Electrical & Engineering Company, Phoenix and Tucson

The Gardner-Zemke Company

ELECTRICAL CONTRACTORS

4500 Lincoln Road, N.E.
Albuquerque, New Mexico 87109
Ph. (505) 345-2437



P. O. Box 3115, Sta. "A"
El Paso, Texas 79923
Ph. (915) 566-9411

Please reply to: E-132

December 9, 1970

American Smelting & Refining Co.
P. O. Box 1111
El Paso, Texas 79999

Attn: Mr. J. W. English
Project Engineer

Re: 1970 Cottrell Addition

Gentlemen:

The following is a breakdown of the work included in our contract as outlined in section 3.0 of the specifications:

3.21	Install wire and connect the following equipment by owner:	
a.	One (1) load center	1,045.17 545
b.	One (1) motor control center	508.76
3.22	Wire and connect the following equipment installed by the General Contractor:	
a.	Cottrell knocking control panel	1,192.98
b.	All motors on drawing including control room blower	3,737.53
c.	Seven (7) rectifier control panels & rectifiers	1,914.44
d.	Seven (7) saturable reactors	894.20
e.	All control accessories	856.21
3.23	Furnish and install the following equipment:	
a.	480V feeder	439.23
b.	480V power and lighting distribution	155.31
c.	110V power and lighting distribution including lighting transformer, panel and lighting fixtures	7,575.68
d.	Control, instrumentation and thermocouple wiring	180.22
e.	Grounding system	2,200.27
f.	By others	

\$20,700.00

If there are any questions, please advise.

1045
19,655.00 - 536

Very truly yours,

THE GARDNER-ZEMKE COMPANY

L. N. Bennett
L. N. Bennett
Engineer

LB:ms

Subsidiary: Aztec Electrical & Engineering Company, Phoenix and Tucson

VIA AIRMAIL

December 1, 1970

Mr. P. A. DeSantis
El Paso Plant

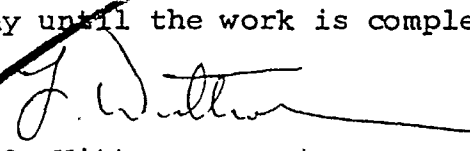
SUBJECT: ORDER 70-2180-1, REQ. CE-70-EP-20
GARDNER-ZEMKE COMPANY

Herewith four (4) copies of contract properly signed and executed with Gardner-Zemke Company to cover the Electrical Work on 1970 Cottrell Addition in accordance with specifications referred to therein.

It will be in order for you to hand the signed copy of the Agreement to the contractor giving him whatever instructions are required to proceed with this work; the remaining three (3) copies are for the plant file.

You will note New York Purchasing Department Order 70-2180-1 has been assigned to this contract for reference purposes. As soon as the work is completed to the satisfaction of all concerned, the invoices should be paid locally without reference to this office. However, a copy should be sent to New York for recording.

Also, you are to note the expiration date of the insurance. Should the work continue beyond the date shown be sure to obtain an extension to protect the company until the work is completed.


F. O. Wittwer

FOW:eth

Encl.

cc: R. O. Covington - A/m
J. W. English
A. O. Marsh, Jr.

BARNCO INC

ODESSA, TEXAS
1507 WEST 2ND
PHONE (915) 332-0293

MANUFACTURERS
REPRESENTATIVES

EL PASO, TEXAS
2810 CHICO
PHONE (915) 566-2040

	Q2.	1st Qtr	10/1/60
Payment # 1	12878.22	14509.22	12502
# 2	2949.90	5499.90	5502
	17828.12	19809.12	17802
		890.88	89.99
Total	28717.9	20700.00	2070.00
	<u>\$20700.00</u>		

Authorized Representative  Industrial Coatings

BARNCO INC

ODESSA, TEXAS
1507 WEST 2ND
PHONE (915) 332-0293

MANUFACTURERS
REPRESENTATIVES

EL PASO, TEXAS
2810 CHICO
PHONE (915) 566-2040

Qty Out

14 309 ¹²/₁₂ ✓
54 99 ⁷⁹/₇₉

17809.12

20700 ¹²/₁₂

19809 ¹²/₁₂

890 ⁸⁸/₈₈

20700.00

Pay

12878 ²²/₂₂ ✓
20700 ¹²/₁₂

17828 ²¹/₂₁

2871 ⁷⁹/₇₉

19809 ¹²/₁₂

501 ⁷²/₇₂

2871 ⁷⁹/₇₉

890 ⁸⁸/₈₈

19809 ¹²/₁₂

20700 ⁰⁰/₀₀

19809 ¹²/₁₂

890 ⁸⁸/₈₈

17828 ²¹/₂₁

2871 ⁷⁹/₇₉

20700 ¹²/₁₂

17828 ²¹/₂₁

20700 ⁰⁰/₀₀

19809 ¹²/₁₂

890 ⁸⁸/₈₈

12878 ²²/₂₂

20700 ¹²/₁₂

501 ⁷²/₇₂

2871 ⁷⁹/₇₉

890 ⁸⁸/₈₈

19809 ¹²/₁₂

20700 ¹²/₁₂

19809 ¹²/₁₂

890 ⁸⁸/₈₈

Authorized Representative **UPON** Industrial Coatings

CENTRAL ENGINEERING DEPT.
DESIGN SECTION

Salt Lake City, Utah
November 19, 1970

Mr. George Rafos
New York Purchasing Dept.

EL PASO 1970 COTTRELL ADDITION
REQ. CE-70-EP-20

We are enclosing the covering requisition for the electrical work to be performed at our El Paso Plant in connection with the 1970 Cottrell Addition now under construction.

The El Paso Plant, on the basis of bids received recently, will forward to you their recommendations ^{with} the prepared contract forms to be approved by New York. This correspondence should come from Mr. J. W. English, Project Engineer at El Paso. Our brief conversation with Mr. English indicates that the bids are within our estimate and we concur in his selection of the low bidder which is a firm that has previously done work at the plant and who has been associated with the present general contractor, Southwest Construction, on previous construction.

AOM:jj
encls .
cc:EHHaug
WRKelly
JWEnglish ✓

A. O. MARSH, Jr.

The Gardner-Zemke Company

ELECTRICAL CONTRACTORS

4500 Lincoln Road, N.E.
Albuquerque, New Mexico 87109
Ph. (505) 345-2437



P. O. Box 3115, Sta. "A"
El Paso, Texas 79923
Ph. (915) 566-9411

Please reply to: E-114

November 16, 1970

American Smelting and Refining Co.
P. O. Box 1111
El Paso, Texas 79999

Attn: Mr. J. W. English
Project Engineer

Re: 1970 Cottrell Addition

Gentlemen:

With reference to your invitation dated October 27, 1970 to bid the electrical work on the 1970 Cottrell Addition, we are pleased to offer our proposal in the total amount of Twenty-thousand-seven-hundred & No/100 Dollars (\$20,700.00).

Our proposal is in complete accordance with the plans and specifications.

We are grateful for the opportunity to submit our proposal on this project and trust that we will have an opportunity to quote on all of your electrical needs.

Very truly yours,

THE GARDNER-ZEMKE COMPANY

J. C. Pharr
J. C. Pharr, P. E.
Vice President

JCP:ms

cc: W. R. Kelly
E. H. Haug
A. O. Marsh
W. R. Nasmyth

Telefax

western union

Telefax

[The following text is extremely faint and mostly illegible due to heavy noise and grain in the original document. It appears to be a teletype message.]

G-2 Notified 12/2/70 8:15 AM.

WU 1270 (RB-66)

American Smelting and Refining Co.
120 Broadway
New York, N.Y. 10005

Send Following Message

WESTERN UNION

Date DECEMBER 1, 1970

MR. J. W. ENGLISH
EL PASO PLANT

REURLET NOV24 REQN. CE-70-EP-2 CONTRACT WITH GARDNER-ZEMKE ELECTRICAL
APPROVED - SATISFACTORY PROCEED - LETTER FOLLOWS

F. O. WITWER
M. Y. PURCHASING DEPT.

POW:ETH
4:00 PM
CHS: ASARCO (EL PASO)

CC: A. O. MARSH, JR. - A M

Send
File
Conf.
Charge

Confirmation of Teletype



El Paso, Texas
November 24, 1970

Mr. George Rafos
Purchasing Dept.
New York Office

As noted in the letter of November 19, 1970 from Mr. A. O. Marsh to you with which he forwarded Reqn. CE 70-EP 20, we are enclosing herewith six copies of the contract with Gardner-Zemke Company Electrical Contractors. These contracts have been signed by Mr. J. E. Pharr, Vice President of Gardner-Zemke Company and each have attached their insurance certificates, a copy of their proposal and our invitation to bid.

We are enclosing two copies of the proposals received from three of the largest local electrical contractors. We are also enclosing, for your files, a copy of the specifications, noted as a part of the contract and on which the proposals from the contractors were based.

Please advise by telegraph when the contract has been approved, as we are very anxious to proceed with this work in order to meet our target date on the Cottrell construction.

J. W. ENGLISH
Project Engineer

JWE:nag
Encl.

cc: W. R. Kelly
E. H. Haug
A. O. Marsh
W. R. Masseyth

REQUISITION

PLANT JOB NO. **EP-536**

APPROPRIATION **N.Y. 2025**

REQUISITION NO. **CE-70-EP-2**

To:

AMERICAN SMELTING AND REFINING CO.
PURCHASING DEPARTMENT
120 BROADWAY
NEW YORK, N. Y. 10005

SHIP TO:

**El Paso Smelter,
El Paso, Texas**

DATE REQUIRED AT DESTINATION:

As soon as possible

NOTES TO BUYER:

PLEASE PURCHASE THE FOLLOWING:

QUANTITY	UNIT	SPECIFICATIONS FOLLOW PURCHASE MANUAL INSTRUCTIONS FOR PREPARATION (SEE SECTIONS B1, B2, C1, C2)	ITEM NO.	UNIT PRICE
		<u>COTTRELL ADDITION - ELECTRICAL CONTRACT</u> This requisition is to cover the contract to be issued for the required electrical work covered by "Electrical Construction Specifications for 1970 Cottrell Addition, El Paso Plant," dated August 14, 1970. All work to be performed under the direction of the owner's Field Engineer at the El Paso Plant in accordance with the Asarco Contract Form FD-19. Copies of requisition and Purchase Order to: E. H. Haug, Salt Lake Office A. O. Marsh, Jr., Salt Lake Office W. R. Kelly, El Paso Plant W. R. Nasmyth, El Paso Plant (3) R. O. Covington, El Paso Plant	1	

PREPARED BY
A. O. Marsh, Jr.

November 19, 1970

DATE

APPROVED
A. O. Marsh, Jr.

November 19, 1970

DATE

The Gardner-Zemke Company

ELECTRICAL CONTRACTORS

4600 Lincoln Road, N.E.
Albuquerque, New Mexico 87109
Ph. (505) 345-2437



P. O. Box 3115, Sta. "A"
El Paso, Texas 79923
Ph. (915) 566-9411

Please reply to: E-114

November 16, 1970

American Smelting and Refining Co.
P. O. Box 1111
El Paso, Texas 79999

Attn: Mr. J. W. English
Project Engineer

Re: 1970 Cottrell Addition

Gentlemen:

With reference to your invitation dated October 27, 1970 to bid the electrical work on the 1970 Cottrell Addition, we are pleased to offer our proposal in the total amount of Twenty-thousand-seven-hundred & No/100 Dollars (\$20,700.00).

Our proposal is in complete accordance with the plans and specifications.

We are grateful for the opportunity to submit our proposal on this project and trust that we will have an opportunity to quote on all of your electrical needs.

Very truly yours,

THE GARDNER-ZEMKE COMPANY

J. C. Pharr
J. C. Pharr, P. E.
Vice President

JCP:ms

cc: W. R. Kelly
E. H. Haug
A. O. Marsh
W. R. Nasmyth

November 16, 1970
EPC-5941

C
O
P
Y
American Smelting and Refining Co.
El Paso Smelting Works
P. O. Box 1111
El Paso, Texas 79999

Attn: Mr. W. R. Kelly, Manager
ASARCO

Re: Electrical Construction Specification for 1970
Cottrell Addition
El Paso Plant
El Paso, Texas

Gentlemen:

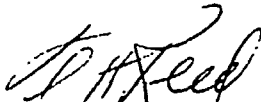
Our proposal to complete the Electrical Work at your El Paso Plant in accordance with Electrical Construction Specifications for 1970 Cottrell Addition, El Paso Plant, El Paso, Texas is \$21,900.00.

Work can be started within seven days after notice to proceed and will be completed in accordance with the general construction.

We appreciate the opportunity to quote on this valued work and hope you find our proposal favorable.

Very truly yours,

CLARK-HUTCHINS-REED, INC.


T. H. Reed

THR/mf

cc: E. H. Haug
A. O. Marsh, Jr.
✓ W. R. Nasmyth

Callaghan Electric Co., Inc.
Electrical Contractors

Phone 532-5653

P. O. BOX 1945
EL PASO, TEXAS 79950

118 N. PIEDRAS STREET

November 16, 1970

Mr. W. R. Nasmyth
Plant Engineer, ASARCO
P. O. Box 1111
El Paso, Texas 79999

Gentlemen:

Reference is made to your request for a quotation on the electrical work on the 1970 Cottrell Addition.

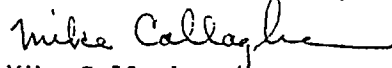
We are pleased to quote you the sum of \$22,900.00 for the electrical work called for in the specifications dated August 14, 1970 and associated drawings.

We thank you for the opportunity of quoting you on this work, and trust we may be of service to you.

If we can be of further assistance, please feel free to call on us.

Very truly yours,

CALLAGHAN ELECTRIC CO., INC.


Mike Callaghan

MC:tf

Send to J. W. Engle
Callaghan Electric Co., Inc.

Electrical Contractors

Phone 532-5653

P. O. BOX 1945

EL PASO, TEXAS 79950

118 N. PIEDRAS STREET

November 16, 1970

Mr. E. H. Haug
Director of Engineering, ASARCO
500 Cradall Bldg.
Salt Lake City, Utah 84101

Gentlemen:

Reference is made to your request for a quotation on the electrical work on the 1970 Cottrell Addition, El Paso Plant, El Paso, Texas.

We are pleased to quote you the sum of \$22,900.00 for the electrical work called for in the specifications dated August 14, 1970 and associated drawings.

We thank you for the opportunity of quoting you on this work, and trust we may be of service to you.

If we can be of further assistance, please feel free to call on us.

Very truly yours,

CALLAGHAN ELECTRIC CO., INC.

Mike Callaghan
Mike Callaghan

MC:tf

copy to A.O.Marsh, Jr.

November 5, 1970

Clark Hutchins & Reed Inc.
2031 Wyoming
El Paso, Texas

Gentlemen:

When I delivered you a set of specifications and prints with a request for quotation on electrical work in connection with the Cottrell addition on October 27, 1970, I neglected to advise that the conduits from the load center to the south wall of the Cottrell building were installed as a part of the building which will house the 1000 K.V.A. load center. These are shown in the Plan of House on Drawing No. EP 16685. I am enclosing a print of this drawing with the conduits involved circled in red.

Yours very truly,

J. W. ENGLISH
Project Engineer

JWK:mg
Encl.

cc: W. A. Kelly
Z. R. Haug
A. O. Marsh
W. R. Masseyth

November 5, 1970

Gardner, Zemke Company
708 N. Piedras
El Paso, Texas

Gentlemen:

When I delivered you a set of specifications and prints with a request for quotation on electrical work in connection with the Cottrell addition on October 27, 1970, I neglected to advise that the conduits from the load center to the south wall of the Cottrell building were installed as a part of the building which will house the 1000 K.V.A. load center. These are shown in the Plan of House on Drawing No. EP 16685. I am enclosing a print of this drawing with the conduits involved circled in red.

Yours very truly,

J. W. ENGLISH
Project Engineer

JWE:nsg
Encl.

cc: W. R. Kelly
E. H. Haug
A. O. Marsh
W. R. Nasmyth



W. R. KELLY, Manager
P. A. DeSANTIS, Superintendent

AMERICAN SMELTING AND REFINING COMPANY

EL PASO SMELTING WORKS

P. O. Box 1111

El Paso, Texas 79999

November 5, 1970

ANDREW LIEBERT, Accounting Manager
R. O. COVINGTON, Supply Agent

Callahan Electrical Company
118 N. Piedras St.
El Paso, Texas

Gentlemen:

When I delivered you a set of specifications and prints with a request for quotation on electrical work in connection with the Cottrell addition on October 27, 1970, I neglected to advise that the conduits from the load center to the south wall of the Cottrell building were installed as a part of the building which will house the 1000 K.V.A. load center. These are shown in the Plan of House on Drawing No. EP 16685. I am enclosing a print of this drawing with the conduits involved circled in red.

Yours very truly,

A handwritten signature in dark ink, appearing to read "J. W. English".

J. W. ENGLISH
Project Engineer

JWE:nsg

Encl.

cc: W. R. Kelly
E. H. Haug
A. O. Marsh
W. R. Nasmyth

October 27, 1970

Clark Hutchins & Reed Inc.
2031 Wyoming
El Paso, Texas

Callahan Electrical Co.
118 N. Piedras St
El Paso, Texas

Gardner-Zemke
~~Reynolds Electrical &
Engineering Co.~~
708 N. Piedras
El Paso, Texas

Gentlemen:

You are invited to submit a proposal on Electrical Work at the El Paso Plant of ASARCO as outlined in "Electrical Construction Specifications for 1970 Cottrell Addition, El Paso Plant, El Paso, Texas," dated August 14, 1970, prepared by Central Engineering Department of ASARCO at Salt Lake City, Utah and the drawings mentioned therein.

Proposals will be received until 4 P. M. Mountain Standard Time Monday, November 16, 1970. The owner reserves the right to reject any or all proposals.

The successful bidder will be asked to break down his bid as shown on page 2 of Specifications, Divisions 3.21, 3.22, and 3.23 and subdivisions under each. This is for our accounting purposes.

You are invited to contact the project engineer for an appointment to discuss this work and/or visit the site.

A copy of your proposal should be sent to the following:

Mr. W. R. Kelly, Manager, ASARCO - P. O. Box 1111, El Paso, Texas 79999

Mr. E. H. Haug, Director of Engineering, ASARCO - 500 Crandall Bldg.
Salt Lake City, Utah 84101

Mr. A. O. Marsh, Jr., Chief Design Engineer, ASARCO - 500 Crandall
Bldg., Salt Lake City, Utah 84101

Mr. W. R. Nasmyth, Plant Engineer, ASARCO - P.O. Box 1111, El Paso,
Texas 79999

Yours very truly,

J. W. English
Project Engineer

JWE:nsg

cc: W. R. Kelly
E. H. Haug
A. O. Marsh
W. R. Nasmyth



AMERICAN SMELTING AND REFINING COMPANY

EL PASO SMELTING WORKS

P. O. Box 1111

El Paso, Texas 79999

October 27, 1970

W. R. KELLY, Manager
P. A. DeSANTIS, Superintendent

ANDREW LIEBERT, Accounting Manager
R. O. COVINGTON, Supply Agent

Callahan Electric Company
118 N. Piedras Street
El Paso, Texas

Gentlemen:

You are invited to submit a proposal on Electrical Work at the El Paso Plant of ASARCO as outlined in "Electrical Construction Specifications for 1970 Cottrell Addition, El Paso Plant, El Paso, Texas," dated August 14, 1970; prepared by Central Engineering Department of ASARCO at Salt Lake City, Utah and the drawings mentioned therein.

Proposals will be received until 4 P.M. Mountain Standard Time Monday, November 16, 1970. The owner reserves the right to reject any or all proposals.

The successful bidder will be asked to break down his bid as shown on page 2 of specifications, divisions 3.21, 3.22, 3.23 and subdivisions under each. This is for our accounting purposes.

You are invited to contact the project engineer for an appointment to discuss this work and/or visit the site.

A copy of your proposal should be sent to the following:

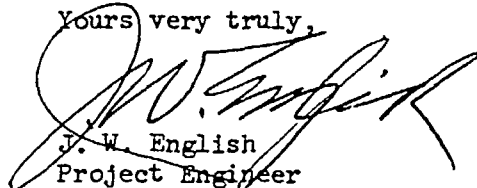
532-6515 Mr. W. R. Kelly, Manager, ASARCO - P.O. Box 1111, El Paso, Texas 79999

Mr. E. H. Haug, Director of Engineering, ASARCO - 500 Crandall Bldg.
Salt Lake City, Utah 84101

Mr. A. O. Marsh, Jr., Chief Design Engineer, ASARCO - 500 Crandall
Bldg., Salt Lake City, Utah 84101

Mr. W. R. Nasmyth, Plant Engineer, ASARCO - P.O. Box 1111, El Paso,
Texas 79999

Yours very truly,



J. W. English
Project Engineer

JWE:nsg

cc: W. R. Kelly
E. H. Haug
A. O. Marsh
W. R. Nasmyth

CENTRAL ENGINEERING DEPT.
DESIGN SECTION

Salt Lake City, Utah
October 20, 1970

Mr. J. W. English
El Paso Plant

EL PASO - 1970 COTTRELL ADDITION

We are enclosing one print each and sending sepias and prints under separate cover of the following drawings:

EP-16685 Rev. 2 - Electrical Motor Control Room
and Conveyor Motor Secs. & Dets.
EP-16693 Rev. 2 - Conduit and Cable Schedule
EP-17210 - Control Room - Trans. & Switchgear Floor
Slab - Location Slab and Anchor Bolts

This should complete your requirements for the installation of the 1000 KVA substation.

AOM:jj
encls.
cc:EHHaug
WRKelly
WRNasmyth


A. O. MARSH, Jr.

CENTRAL ENGINEERING DEPT.
DESIGN SECTION

Salt Lake City, Utah
October 16, 1970

Mr. J. W. English
El Paso Plant

EL PASO 1970 COTTRELL ADDITION
ELECTRICAL SPECIFICATIONS
REQ. CE-70-EP-20

Complying with your discussion with Mr. F. L. Baer
we are enclosing eight copies of page 2 of the electrical
specifications, revised October 16, 1970.

jj
encls.



A. O. MARSH, Jr.

CENTRAL ENGINEERING DEPT.
DESIGN SECTION

Salt Lake City, Utah
October 9, 1970

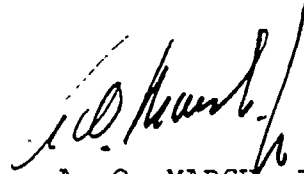
Mr. J. W. English
El Paso Plant

REQ. CE-70-EP-20 - ELECTRICAL
1970 COTTRELL ADDITION

Please refer to our letter of August 14th in which our last paragraph stated that upon selection of a bidder we would forward our covering requisition to New York to cover your contract. Since that date we have not heard what your decision is as to how the electrical work will be done, 1 - by outside contractor, 2 - by the plant. Please advise so we may clear our file accordingly.

Specifications dated August 14th were prepared for your bid purposes, eight copies of which were sent along with the August 14th letter.

AOM:jj
cc:EHHaug
WRKelly
WRNasmyth
RABruhn
FOWittwer



A. O. MARSH, Jr.

CENTRAL ENGINEERING DEPT.
DESIGN SECTION

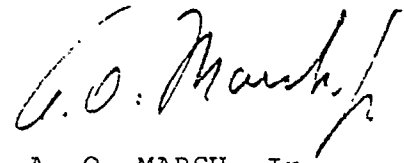
Salt Lake City, Utah
August 14, 1970

Mr. J. W. English
El Paso Plant

CE-70-EP-20 - ELECTRICAL
1970 COTTRELL ADDITION

We have assigned the above referenced requisition number to the Electrical Construction for the Cottrell related to work described on the drawings listed under Article 4.0 and have attached herewith 8 sets of specifications for your use in bidding. This, I believe, completes the work as you requested. You have sepias for the required drawings.

Upon selection of a bidder we will forward our covering requisition to New York to cover your contract. This assumes the decision on your part to have the electrical work done by an outside contractor rather than the plant.



A. O. MARSH, Jr.

AOM:jj
encls.-8 sets
cc:EHHaug
WRKelly
WRNasmyth
RABruhn
FOWittwer