

CONTRACT DOCUMENTS
FOR
CONSTRUCTION CONTRACT
SODIUM CHLORATE PLANT
PROJECT P-422
DRUM STORAGE BUILDING EXTENSION
INQUIRY #7-3721
JULY, 1963

REVISED AUGUST 20, 1963

| BB 0012539 |

PITTSBURGH PLATE GLASS COMPANY
CHEMICAL DIVISION
LAKE CHARLES, LOUISIANA

CONTRACT DOCUMENTS

FOR

CONSTRUCTION CONTRACT

SODIUM CHLORATE PLANT
PROJECT P-422
DRUM STORAGE BUILDING EXTENSION
INQUIRY #7-3721
JULY, 1963

REVISED AUGUST 20, 1963

BB 0012540

PITTSBURGH PLATE GLASS COMPANY

CONSTRUCTION AGREEMENT

THIS AGREEMENT made this 20th day of August, 19 63,
by and between PITTSBURGH PLATE GLASS COMPANY of Pittsburgh, Pennsylvania,
hereinafter called the "Owner", and Ramsey-Kantz, Incorporated
of Orange, Texas, hereinafter called the "Contractor",

WITNESSETH, That

WHEREAS the Owner desires the services of a fabrication and construction company to perform fabrication and construction of Sodium Chlorate Drum Storage Building Extension to be located at Owner's plant site at Lake Charles, Louisiana.

NOW THEREFORE, for the considerations hereinafter stated, the parties hereto, intending to be legally bound, hereby covenant and agree as follows:

ARTICLE I -
SCOPE OF WORK:

- A. Except as otherwise specified herein, the Contractor shall provide materials (except as noted), labor, supervision, and necessary tools and equipment to install structural steel, corrugated asbestos roofing and siding, doors, roofing ventilators, gutters and flashing for Sodium Chlorate Drum Storage Building Extension, all in accordance with General Terms and Conditions (Exhibit A), Detailed Scope of Work (Exhibit B), Contractors' Procedures (Exhibit C), Construction Specifications (Exhibit D), and List of Drawings (Exhibit E), attached hereto and made a part hereof. The Contractor shall perform the aforesaid construction services except that the Owner will perform and coordinate all construction services with respect to the

following items:

1. All site and grade preparations.
 2. Concrete work including drilled footings, grade beams, and paving.
 3. Demolition work consisting of removal of existing north wall grad beam.
 4. *Unloading, sandblasting and painting of structural steel and other metal items after arrival at the job site.
- B. The Contractor shall, at the option of the Owner, render for compensation as provided in Article III of this Agreement construction services for additional work not included in the Scope of Work but within the Contractor's field of practice.

ARTICLE II -
TIME OF PERFORMANCE:

Contractor shall commence the work to be performed hereunder
August 20, 1963, and shall substantially complete said work
October 31, 1963.

ARTICLE III -
CONTRACTOR'S COMPENSATION:

- A. The Owner shall pay the Contractor for the performance of this Contract, subject to additions and deductions provided herein, in current funds a Lump Sum price of \$11,224.00
which shall be paid as follows:

Contractor will invoice the Owner monthly, as soon after the last day of the month as possible, for value of work performed. Owner will pay the Contractor 85% of such monthly billings within thirty (30) days, with balance

paid in accordance with provisions of Article IV of this Agreement.

*B. If the Owner elects to make additions or reductions to the job, whether or not amounting to a change in the Scope of Work, as contemplated in Article I, paragraph B, an approved Purchase Order Change Advice signed by Owner's purchasing agent shall be issued, and the Lump-Sum price shall be adjusted by negotiations to take into account such additions or reductions.

ARTICLE IV -
ACCEPTANCE AND FINAL PAYMENT:

Owner shall review the work promptly upon receipt of written notice from the Contractor that the work has been substantially completed. Ten per cent (10%) of total billing shall be due thirty (30) days after receipt of notice of substantial completion, provided the work be then fully completed and the contract fully performed. Provided, further, that Contractor shall have submitted evidence - release of liens or otherwise - satisfactory to Owner that all payrolls, material bills and other indebtedness connected with the work have been paid in full. Five per cent (5%) of total billing will be paid sixty (60) days after completion of construction as provided for herein.

ARTICLE V -
ASSIGNMENT:

The Contractor shall not assign this Contract in whole or in part without the prior written consent of the Owner, nor shall Contractor assign any monies due or to become due to him hereunder, without the prior written consent of the Owner.

Subject to the foregoing, this Agreement shall be binding upon and inure to the benefit of the parties hereto, their respective successors and assigns.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year first above written.

PITTSBURGH PLATE GLASS COMPANY
(Owner)

ATTEST:

Assistant Secretary

BY: _____
Vice President

(Contractor)

ATTEST:

BY: _____

| BB 0012544 |

PITTSBURGH PLATE GLASS COMPANY

CONSTRUCTION SPECIFICATIONS

Exhibit D

Exc pt as and to the extent otherwise expressly specified in the Agreement, the following Construction Specifications shall be applicable to and constitute a part of the Sodium Chlorate Plant Drum Storage Building Extension Construction Contract.

TABLE OF CONTENTS

- I. SPECIFICATION NO. S-P422J
STRUCTURAL SPECIFICATIONS - CORRUGATED ASBESTOS ROOFING & SIDING
- II. SPECIFICATION NO. S-P422L
- III. SPECIFICATION NO. S-P422M
- IV. SPECIFICATION NO. W-P422A
- V. SPECIFICATION NO. W-2

1 BB 0012545 1

TITLE STRUCTURAL SPECIFICATIONS - CORRUGATED ASBESTOS ROOFING & SIDING

I. ROOFING AND SIDING (EXCEPT TRANSLUCENT PANELS):

- A. All roofing and siding (except translucent panels) shall be of corrugated asbestos cement in 42" width with 4.2" wide corrugations and weighing 3.75 lbs. or more per square foot. All purlins are spaced to use sheets in lengths of 6" increments. The products of the following manufacturers are acceptable:

Johns Manville (Transite) - New York, New York
Phillip Carey Manufacturing Co. (Careystone) - Cincinnati, Ohio
National Gypsum Co. (Gold Bond) - Buffalo, New York
Keasbey & Mattison Co. (Century) - Ambler, Pennsylvania

- B. Supplier of roofing and siding shall also supply all corner roll, ridge roll, filler strips, etc. and all fasteners as herein after specified to give a complete job. Prior to making shipment of this material, any departure from materials or fastening system or layout indicated on the plans shall be cleared with the Owner.

- C. In the installation of the corrugated sheets the following rules shall govern:

1. In no case shall the lap be less than 6" on walls or roof. All laps must fall over supporting members and no fasteners must be closer than 1½ inches from the end of the sheet.
2. The staggered joint method is contemplated both for walls and roof and starting at lower left hand corner.
3. Fasteners are to be cadmium plated, stainless steel self-tapping-top seal screws. For the #14 or 1/4" hole size 5/16" diameter shall be drilled while holding sheet in place.
4. Black putty or mastic bead shall be used in all side and end laps of roofing and may be supplied either in gun grade or rope grade. Sheets to be dropped on rather than slid in place over this mastic.
5. Enclosure strips are required only where indicated - i.e., under 1/2 round ridge roll and over flashing at curbs above built-up roofs, and in such locations as where monel flashing is required instead of lead and cannot be formed to the corrugations.
6. Both roof and wall sheets are to be fastened with three fasteners per sheet in each of the two purlins or girts nearest the ends of the sheets in their first, fourth and seventh corrugations. At intermediate purlins or girts use two fasteners per sheet in the first and fifth corrugations.

BB 0012546

TITLE

STRUCTURAL SPECIFICATIONS - CORRUGATED ASBESTOS ROOFING & SIDING

- D. In the roof and wall areas shaded on the plans, Pittsburgh Plate Glass fiberglass reinforced plastic panels with 4.2 corrugations shall be used in lengths to the nearest foot as long or longer than the length indicated. Color code Skylight Green in the extra heavy series. Use batten type seal for all roof sheets.
1. Provide same fasteners as for corrugated asbestos sheets and in same number, except add one sidelap fastener between each purlin, both on walls and roof.
 2. At beginnings of continuous bands of PPG plastic panels in both walls and roofs, and also for single sheets, the corrugated asbestos adjoining shall be laid on top of the PPG plastic panels. PPG plastic panels shall not be stacked for storage in a flat position, but on end.
- E. The entire installation shall be accomplished in such a manner as to equal or exceed the manufacturer's specifications and recommendations to give a satisfaction-guaranteed job.

II. ROOF RIDGE VENTILATORS, WALL LOUVERS AND FLASHING:

As indicated on dwg. 12A-126 - Roof Plan, Continuous Gravity Ridge Ventilators in 10 Ft. Sections, equal to Swartwout heater valve units of size and number as follows, shall be provided and installed:

- Above Cell Room - 11 units (with 4 damper operators) x 10' = 110' of 24" / 20 ga. G.I.
- Above Crystallizer Area - 4 units (with 2 operators) x 10' = 40' of 24" / 20 ga. G.I.
- Above Product Storage - 3 units (with 1 operator) x 10' = 30' of 12" / 22 ga. G.I.
- Above Compressor House - 2 units (with 1 operator) x 10' = 20' of 12" / 22 ga. G.I.

Throat size given shall be clear unobstructed width of throat at narrowest point. The entrance to throat shall be venturi shaped. Ventilator width shall be in excess of twice that of the throat width. Ventilators shall be heavy reinforced construction guaranteed to withstand 100 MPH winds, and shall have continuous drip or weep slot to allow non clogging water drainage to roof. The end units only are to have end caps.

Dampers shall be of one piece fiber glass construction in sizes where available with manual operators of screw type turning on non-corrosive nylon bearings and with stainless steel shoulder rivets. Dampers are to be hook-stick operated by means of a ring on end of operating chain. Rings are to be no more than 20 feet above nearest operating platform.

BB 0012547

PITTSBURGH PLATE GLASS COMPANY
CHEMICAL DIVISION LAKE CHARLES, LA.
ENGINEERING DEPARTMENT

SPECIFICATION NO. S-P422 J
DATE 3/20/62 PAGE 3 OF 3
APPROVED *[Signature]*

TITLE

STRUCTURAL SPECIFICATIONS - CORRUGATED ASBESTOS ROOFING & SIDING

Bird screening shall be provided on all ventilators.

"Dimetcoat" acid resisting coating shall be provided, inside and out, except on galvanized surfaces.

III. WALL LOUVERS:

Heavy duty adjustable wall louvers, equal to Airolite type 663A, 4" thick, equipped with bearings having stainless steel balls and cadmium plated steel races shall be provided in the following sizes and quantities:

29 louvers - 6 ft. wide x 3'-6" high x 4" thick.

4 louvers - 5 ft. wide x 3'-6" high x 4" thick.

6 louvers - 4 ft. wide x 3'-6" high x 4" thick.

These louvers shall be furnished with removable bird screens and wing nut operators. They shall be constructed of 16 gauge cold rolled steel treated with Bonderite and Epon baked primer and a final coat of baked enamel in color selected by P.P.G.

Four - 2" x 2" x 1/4" x 6" long steel angle clips shall be provided with each unit for attaching to grade beam or curb and to girts.

BB 0012548