CONSTRUCCIONES INDUSTRIALES DE NUEVO LAREDO
www.cinl.com

Exhibit "E"
GENERAL SPECIFICATIONS
22,863 SQFT Production, Office, & Warehouse
19,903 SQFT Production & Warehouse, 2960 SQFT Office Restrooms, and Cafeteria

LAND

1. 32,292 sqft in one lot in Finsa (Interamerica) Industrial Park

DESIGN

1. Full set of as built drawings.
2. Project manual.
3. Necessary civil, electrical, and mechanical engineering.
4. Architectural design.
5. Construction Permits and fees.

EARTH WORK

1. Test of site soil for design purposes.
2. Preliminary work such as, removal of top 4" soil, project surveying and plotting.
3. Compaction of natural ground to 90% Proctor, compacted imported material to 95% Proctor to raise finished floor level to adjacent building.

EXTERIOR WORK

1. Landscaping (See drawings).
2. Perimeter 7' cyclone fence with 1' barb wire crown (See drawing).

FOUNDATION

1. Excavation of finished platform.
2. Cast in place isolated shallow footings (see drawing).
3. Back fill and compaction of finished footing.

STEEL STRUCTURE

1. U.S. imported pre engineered, prefabricated steel structure, able to withstand the following sustained loads:

wind loads...	90 mph
roof live loads...	20 pfs
frame live loads...	12 pfs
aux. loads...	3 pfs

2. Installation and painting with two coats of white non-rust enamel paint.

EXTERIOR WALLS

1. Concrete block with stone finish, reinforced with fy=40,000 psi #3 steel rebar @1.75" with a interior water seal membrane. Front wall of building from bottom of concrete floor level to 8’ 10-5/16” high and from bottom of concrete floor level to 19’ high on office wall.
2. Reinforced 6" concrete block wall with stone finish exterior face and smooth mortar finish on interior face on side wall. Back wall is pre cast concrete)
3. Two coats of interior latex paint on inside face and outside face (see drawings).
4. Exterior 26 Ga. color galvalum sheet metal wall with 3” of fiberglass insulation from 8’-10 5/16” above floor level to roof line on sides and back walls of building, and above block wall in front wall to roof line.

ROOF DECK

1. 24 gauge GALVALUM standing seam deck.
2. Three inches of fiberglass insulation sandwiched between the steel deck and a nylon wire mesh.

CONCRETE FLOORS

1. Five inch fc=3000 psi concrete slab, reinforced with 6x6x6 electro welded steel mesh.
2. Controlled cracking @15' in two directions.
3. Three coats of color floor seal.

SIDE WALKS

1. Three feet wide and 4' thick walkway all perimeter of building.

RAMPS

1. One ramp able to functionally accommodate 2 tractor trailers.
2. Two 6'x6' Electromechanical levelers complete with bumpers.
3. Two hand operated metal rolling overhead doors 8'x10'.
4. One rain water and sediment catch basin complete with an automatic sump pump and cover grid.
5. One 12’ X 14’ chain operated rolling overhead door for floor level access to building.

REST ROOMS

1. Complete hydraulic and sanitary piping according to design.
2. Cinder block unit construction, completely covered with Lamosa tile (or Similar), color is governed by architectural design.
3. White elongated Lamosa toilets (or similar) with Sloan flush valves (or similar) and solid seat covers.
4. Tile covered block side partitions with aluminum door partitions in toilets (or similar).
5. White Lamosa urinals with Sloan flush valves (or similar).
6. White Lamosa 19" Ovalin lavatories (or similar).
7. Tile Covered reinforced concrete vanities in production area, color is subject to interior design.
8. Wood vanities in office area.

OFFICE

1. Interior steel frame sheet rock office partitions.
2. Nine foot high acoustic suspended ceiling (2'x4' grid).
3. Two coats of interior latex paint on walls.
4. Interceramic office line (or similar) ceramic tile 12" X12" floor.
5. Four inch ceramic base board throughout office.

DOORS

1. Emergency: commercial grade hollow metal doors, including panic door locks and hardware.
2. Interior office: hollow core wood doors including locks and hardware.
3. Interior office rest room: hollow wood doors with privacy locks and hardware.
4. Interior production to office, cafeteria, and rest room area: hollow metal door with passage locks and hardware.
5. Main entrance: Anodized aluminum stile door and frame with glass and dead bolt hardware.

WINDOWS

1. Interior: Anodized aluminum fixed frames and glass 1/8".
2. Exterior: Anodized aluminum fixed frames with double pain 1/4" clear-tinted anti ray glass.

PARKING AND MANEUVERING AREA

1. Eight inches of compacted base material to 95% Proctor.
2. Parking lot to accommodate 13 cars. (1 1/2" asphalt).
3. Dove chest curves on parking and maneuvering area.

HYDROPNEUMATIC SYSTEM

1. One 1 hp hydro pneumatic pump with a 40 gallon tank, and an automatic pressure switch.
2. One 3000 lt.. under ground concrete cistern with manhole.

ELECTRICITY

1. One 750 KVA substation with transformer (13200/480/277 Volt 3 ph.), cabin disconnect switch, and main switchboard.
2. Exterior illumination system consisting of 6-400 watt luminaries.
3. Emergency lighting system for office area, consisting of 7 incandescent luminaries with rechargeable battery packs (120 volts).
4. Production area bathroom lighting system consisting of 4/40watt fluorescent drop in lamps able to produce 30 foot candle intensity.
5. Thirty five current outlets (120 volts) in office area.
6. One metal halide illumination system consisting of 400 watt luminaries able to produce 50 foot candle intensity in production.
7. One fluorescent 4/40 watt drop in lamp system able to produce 100 foot candle intensity in office area (120 volt).
8. One computer outlet system that consists of 15 preparations for installation of computer network system (Outlet box, conduit from outlet to above drop ceiling, does not include wiring)
9. One telephone outlet system that consists of 15 telephone outlets for office area telephone network system (wiring not included).

10. Dry transformer, 45 KVA, and switchboard to supply 220/108 Volt to office and cafeteria

ACHV

1. Air conditioning system at a rate of 1 ton/ 225 sqft in office and cafeteria area.
2. Electrical heating system incorporated to A/C system in office and cafeteria area.
3. Air conditioning system at a rate of 1 ton/ 290 sqft in production area.

FIRE PROTECTION

1. Two (30mt) fire hose stations in production connected to a 10,000 lt cistern with manhole, main diesel pump (5 HP), electrical, jockey pump, and control panel.