

PROJECT MANUAL

HAYDEN SUBSTATION

for the

AMISTAD FIRE DISTRICT

in

UNION COUNTY, NEW MEXICO

January 2, 2023

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REQUEST FOR BIDS
HAYDEN SUBSTATION
UNION COUNTY, NEW MEXICO

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Sealed bids will be received from licensed General Contractors by the Union County Commission until February 7 at 2:00pm MDT for a contract to construct a manufactured steel parking building in Hayden NM. A bid security will be required as described in the project manual. Submit sealed bids to the Union County Manager's office, P.O. Box 430, 200 Court Street, Clayton, NM 88415 as described in the project manual. Bids submitted by fax, email, text, or other electronic means will not be considered.

Plans and specifications in digital format are available at no cost from the architect. Addenda will be issued to parties that received full printed or digital plan sets from the architect. Submit questions to the office of the architect, Alpha Design, P.O. Box 241, Raton, NM 87740, phone 575-445-4235, email alphadesign@bacavalley.com.

PROJECT SUMMARY

Construct a 2000 square foot manufactured steel building. The building will be insulated and heated. Contractor will provide all materials, accessories, tools, and labor, except where noted.

CONTRACTOR QUALIFICATIONS

The awarded prime contractor will be a licensed general contractor and will contract with other licensed trades as needed to complete the project. Bidding contractors will submit a copy of their license in the sealed envelope with the bid form.

BASIS OF AWARD

The contract will be awarded to the qualified bidder submitting the lowest base bid adjusted for the Contractor Preference described below. The Owner reserves the right to accept or reject any bid for any reason and to act in the best interest of the Owner.

SCHEDULE

The Fire Department, County Manager, and County Commission plan to review the bids submitted within seven days after bids are due, then could award the contract for construction. A Notice Of Award will be provided to the awarded bidder and a contract will be prepared and signed. The County Commission may deviate from this projected schedule up to the time of the Award at its option.

The date that the Notice To Proceed is issued will be the Date of Commencement. The contract time will be 180 calendar days beginning on the Date of Commencement. The contract time will include the time it takes for the general contractor's building shell manufacturer to provide shop drawings, for the architect to review the shop drawings, for the manufacturer to revise the drawings if needed, for the architect to revise the foundation design if needed to accommodate the manufacturer's structural steel design, and for the State building permit to be applied for and received. Time extensions will not be issued due to the building shell manufacturer being slow to produce shop drawings or slow to provide manufactured products.

If availability of other products such as doors, openers, or heaters are found to be delayed due to circumstances outside of the control of the general contractor then the general contractor will notify the architect as soon as the delay is known. An extension to the contract time will be coordinated with the owner for no longer than necessary and with no additional payments to the contractor related to the time extension.

Contract time can be extended due to poor weather conditions when work on site cannot reasonably proceed. Days when weather delays work for only part of the day will extend the contract time by the corresponding part of a day rather than by a full day. The contractor will keep an accurate log of weather delays and will notify the architect daily when weather delays occur.

No additional or bonus payments will be made for early completion or for weather delays.

Liquidated damages of \$250 per calendar day will be deducted from the payments to the Contractor for each calendar day that work is not substantially complete after the allowed 150 days specified above.

It is understood that material and other prices may fluctuate between the time that bids are submitted and the date of the Notice To Proceed. No additional payments will be made to the contractor due to fluctuating prices encountered by the contractor.

RESIDENT CONTRACTOR PREFERENCE, RESIDENT NATIVE AMERICAN CONTRACTOR, and RESIDENT VETERAN CONTRACTOR PREFERENCE

As required by the New Mexico Administrative Code (NMAC) a preference will be given to resident contractors, veteran resident contractors, and native American resident contractors that submit a Resident Contractor Certificate, a Resident Veteran Contractor Certificate, or a Resident Native American Veteran Contractor Certificate issued by NM Taxation and Revenue Department with the sealed bid.

Certificates issued by NM Taxation and Revenue Dept. allow a 5 or 10% price preference against competing bids. See NMAC Article 1, Section 13-4-2 for additional information. Apply for certificates through the NM Taxation and Revenue Dept. Allow sufficient time for the bidder's Certified Public Accountant to prepare the documents required for submittal to the NM Taxation and Revenue Dept. and time for the Taxation and Revenue Department to process the application. Applicable certificates have an expiration date. Certificates issued by the State Procurement Office or other State agencies do not apply.

BID BOND

A bid bond will be submitted by the bidder inside the sealed bid envelope. The bid bond will be issued by a surety company licensed by the State of New Mexico and will be for at least 5% of the bid amount. A cashier's check from a State or Federal Bank for at least 5% of the bid amount is also an acceptable form of bid bond. Bid bonds from the bidders submitting the three lowest bids will be kept as insurance that the bids are genuine and binding. Bid bonds in the form of cashier's checks will be returned to the bidders after a contract is signed or after 30 days whichever comes first.

LABOR AND MATERIAL PAYMENT BONDS

A 100% Performance Bond and a 100% Material Payment Bond will be required from the awarded bidder after award notification. The two separate bonds will be issued by a surety company licensed in the State of New Mexico.

WAGE RATES and DEPT. OF WORKFORCE SOLUTIONS REGISTRATION

A State Wage Rate Decision is issued as part of this project manual.

Any bidder or subcontractor with a proposed contract or subcontract of \$60,000 or more is required by the NM Department of Workforce Solutions to be registered with the Department BEFORE submitting a bid. Work experience on prior projects with an applicable State wage rate does not qualify as being registered with the Department. Registration requires a fee paid to the Department of Workforce

Solutions every two years to keep registration active. Prospective bidders and subcontractors are urged to apply early for NM Dept. of Workforce Solutions registration. Further information is available online at <http://www.dws.state.nm.us/LaborRelations/LaborInformation/PublicWorks> .

SITE INSPECTION

Bidders will inspect the project site and existing facility prior to submitting a bid and be familiar with the existing conditions. Failure of the bidder to fully inspect the project site will not be grounds for a change order whether or not the existing conditions are identified in the plans and this project manual.

CONTRACT

The form of agreement between the Contractor and the Owner will be AIA Document A105. A copy is available for viewing at the office of the architect.

GENERAL INSURANCE

The Contractor will carry liability insurance, worker's compensation, and other insurance policies required by law. Coverage for each will be at least \$1 million aggregate. The awarded contractor will provide the County with a Certificate of Insurance issued by the insurance provider.

BUILDERS RISK INSURANCE

The builder will provide a Builder's Risk insurance policy for the construction project naming Union County as the beneficiary. A copy of the policy will be provided to the owner before construction begins.

WARRANTY

The Contractor will provide a 1 year labor warranty.

PERMITS

Contractor will obtain and pay for building permits through NM Construction Industries Division.

PLAN SET PRINTS

The Contractor will print the plan sets including project manuals as needed for bidding, permitting, construction, and other uses by the contractor. Prints will not be provided at no cost by the owner or architect.

INVOICE AND PAYMENT

The Contractor can submit an invoice at approximately 30 day intervals for work completed and materials securely stored on site. Payments will be made within the following 30 calendar days.

USE OF SITE

Construction and storage will be kept to the immediate area on site.

A water hydrant located a few hundred feet south of the project site with potable water available for construction use. The hydrant is on private property so builders are asked to minimize vehicle traffic on the private property and minimize leaving behind residue from cleaning equipment near the hydrant.

Power for construction purposes will be provided by the contractor, not by the owner. The costs paid to Southwestern Electric Coop of transferring the electric meter responsibility from the contractor to the owner after substantial completion of the project will be paid by the owner.

Contractor to provide portable toilets on site.

Contractor to provide temporary barriers and take steps as needed to protect the public from construction hazards on and near the construction site.

The owner will not be responsible for the contractor's items that are lost or stolen from the site.

WASTE

Contractor will keep debris from accumulating and will dispose of waste legally. Do not allow construction waste to blow off site. Do not use public dumpsters to dispose of construction waste.

SUBMITTALS

Before purchasing materials the contractor is to submit material and product information to the architect for products where noted in this project manual and for any materials proposed for substitutions. Architect will review and comment.

Submittals will clearly indicate the product model or system proposed for use. Submit color charts when multiple colors are available for selection. Provide submittals on the following products:

- Manufactured buildings. Submit shop drawings.
- Hollow metal doors and hardware.
- Sectional doors.
- Sectional door openers.
- Paints and coatings with color fan.
- Heating unit.
- Light and power fixtures.
- Other products as requested for review by the contractor, owner, or architect.

CHANGE ORDERS

If there is one or more significant changes to the scope of work requiring a change order then the cost of the change order, whether positive or negative, will reflect the cost of materials, subcontractor's labor, direct salaries and wages of on-site hands-on labor, rental equipment if required, and a 20% markup. The general contractors administrative costs, superintendent hours, vehicles, per diem, travel, lodging, meals, permit, insurance, bonds, overhead, profit and any other costs will be paid from the 20% markup.

Documents to verify the cost of the change order will be provided by the general contractor if requested. The owner and architect will be given full access to interview the workers, subcontractors, and suppliers to discuss how costs are arrived at.

Adjustments to the contract time will only be made if additional work requires more time to complete the overall project. If added work can be accomplished without significantly affecting the schedule of the work already under contract then the contract time won't be extended.

Submitting a bid on this project indicates that the general contractor agrees to these terms for change orders.

OWNERS FORCES

The owner may choose to add work on site during construction through the owner's forces. If so then the contractor and subcontractors will cooperate with the owner's forces to coordinate access, schedule, cleanup, and related issues at no additional cost.

ALL MATERIALS

All labor, materials, and systems will be provided and installed by Contractor unless noted otherwise.

EARTHWORK

The owner has prepared the building pad so that no imported fill is required from the contractor. The contractor will excavate for the new foundation and compact the top 6 inches of fill under the foundation and building pad.

If the owner decides to test the existing soils on site or test the compaction during construction then the owner will contract and pay for the testing with scheduling cooperation from the contractor.

If excess fill is encountered then the contractor will dispose of the fill on site at the direction of County officials. No exporting of fill from the site is required.

CONCRETE

See technical specification in this project manual.

FOUNDATION DESIGN

The foundation design in the construction plans issued by the owner and architect are based on assumed structural steel designs. When the general contractor submits the structural steel shop drawings to the architect for review the architect will verify that the foundation design is appropriate for the structural steel design. If needed the architect will revise the foundation design then return the shop drawings and revised foundation plan to the general contractor. The contractor will not be entitled to additional payments resulting from a revised foundation design.

INSULATION

The building shell insulation system will include white vinyl faced batt insulation with a maximum U-value for the envelope (insulation combined with framing and sheathing) of U-.035 at the roof and maximum U-.052 at walls. The batt insulation and liner system equal to Simple Saver shown on the plans meets these requirements. If other batt insulation and vinyl facing system options are to be considered then the contractor will submit to the architect valid literature indicating the U-values of the proposed systems determined by independent third party laboratory testing or recognized ASHRAE standards. The architect will send the submitter a written review of any alternative systems submitted if the submittal is received by the architect more than three business days before bids are due. Failure of the insulation contractor or general contractor to gain approval of an insulation system equal to Simple Saver before the general contractor's bids are submitted doesn't necessarily mean that an alternative system will be considered equal by the owner and architect.

Insulation systems will not include thermal blocks between the roof frame and the roofing, and will not include greater than R-11 batt insulation between the building frame and the roofing or siding.

Sprayed polyurethane foam will not be used as the primary insulation material in walls and roof.

Rigid insulation at concrete edge will be extruded polystyrene as recommended for underground application by the manufacturer.

WALK-THRU DOORS and HARDWARE

New exterior door and frame will be hollow metal nominal sized 36" x 84" x 1-3/4" with a minimum installed overall insulation value of U .61 or less. Doors and frames will be equal to Southwestern Hollow Metal or Rocky Mountain Hollow Metal. Paint.

Exterior door hardware will be wireless battery powered equal to Schlage flex lock with camelot trim and accent lever. Commercial grade hinges, threshold, sweep, weatherstripping, 10 or 12" kick plate.

No door closers required. Provide commercial exterior grade floor or wall stop. All hardware will have a brushed chrome or nickel finish.

Submit door & frame, and door hardware literature to architect for review and approval.

SECTIONAL DOORS

Sectional truck door will be insulated steel, minimum thickness 27 ga. interior and exterior panels, maximum total door insulating value of U.31. The U value will be the installed insulation value, not the insulation value of the panels alone. Insulation will be concealed between the interior and exterior metal skin so the insulation will not be exposed. Manufacturer's standard white color. Products be by Wayne Dalton, Overhead Door, or equal.

Each sectional door will have a new wall mounted 1/2 horsepower medium duty hoist operator. Door operator will be hard wired to a 3 button operator (up, down, stop) at the interior. Provide at least two wireless remote operators for each door. Provide electric eyes and safety devices as required by building codes. No battery backup required. Install with emergency release and manual chain operation for use during power outages. Openers equal to Liftmaster MH model.

PAINTS AND COATINGS

Paint and coatings products will be Clark & Kensington, Sherwin Williams, or Benjamin Moore premium products. Products will be selected for each application and exposure. Prepare and applied as recommended by the product manufacturer. Apply as many coats as needed to achieve a uniform color and sheen. Colors to be identified by architect from color fan submitted. Sheen will be satin unless noted otherwise.

Submit coating literature to architect with each proposed coating indicated.

Hollow metal door and frames, and sectional door trim/frame, 1 color.

Exterior bollard posts, 1 color.

Interior plywood, 1 color.

New concrete floor seal equal to Thompsons Water Seal, no grit. Clear, flat sheen. If the contractor chooses to apply a 'cure and seal' type seal during the concrete curing process another seal will still be required. Verify that the specified permanent seal is compatible with any previously applied seals and allows the specified seal to bond.

CEILINGS

No ceiling required. Vinyl faced insulation and factory primed steel at the roof structure will be exposed to the interior.

METAL BUILDING SYSTEMS

See technical specification in this project manual.

PLUMBING

No water or sewer plumbing is required.

See HVAC plans for gas piping.

FIRE SUPPRESSION and FIRE ALARM

None required. Portable fire extinguishers provided and installed by owner.

HVAC

See plan set for new suspended propane heaters.

POWER AND LIGHTING

See power and lighting plan.

DATA AND SECURITY SYSTEMS

none

SECTION 03300 - CAST IN PLACE CONCRETE

PART 1 - GENERAL

1.01 DESCRIPTION

- A. Provide all concrete, forms, accessories, earthwork, and related preparations shown or implied on the Drawings and specified herein.

1.02 SUBMITTALS

- A. Submit to the architect the proposed design mix. The mix will include quantities and sources of all aggregates, cement, fly ash, and admixtures to be used. Mix designs are to be prepared by a State certified testing laboratory regularly engaged in designing and testing concrete. Test results for mix designs to be used shall be within the past 24 months.
- B. Submit additional product information if requested by the owner or architect.

1.03 QUALITY ASSURANCE

- A. Comply with the following codes and standards except where more stringent requirements are shown or specified:
 - 1. American Concrete Institute (ACI) 301, "Specifications for Structural Concrete for Buildings"
 - 2. ACI 318, "Building Code Requirements for Reinforced Concrete."
 - 3. Concrete Reinforcing Steel Institute (CRSI) "Manual of Standard Practice"
- B. Slump and cylinder tests, if performed, will be performed and paid by the owner.

PART 2 - PRODUCTS

2.01 FORM MATERIAL

- A. Panel type materials to provide continuous straight smooth exposed surfaces. Furnish in the largest practicable sizes to minimize the number of joints and to conform to the joint system shown.
 - 1. Use overlaid plywood complying with US Product Standard PS-1 "BB A-C or B-B High Density Overlaid Concrete Form" Class 1.
 - 2. Use plywood complying with US product Standard PS-1 "B-B (Concrete Form) Plywood" Class 1 exterior grade or better, mill-oiled and edge sealed, with each piece bearing legible inspection trademark.
- B. Forms for unexposed finish concrete: Plywood, lumber, metal, or other acceptable material. Provide lumber dressed on at least two edges and one side for tight fit.
- C. Form release agent: Provide commercial formulation form release agent with a maximum of 350 g/l volatile organic compounds (VOC) that will not bond with, stain, or adversely affect concrete surfaces and will not impair subsequent treatments of concrete surfaces.
- D. Form Ties: Factory fabricated adjustable length, removable or snap off metal form ties designed to prevent form deflection and to prevent spalling of concrete upon removal. Provide units that will leave no metal closer than 1.5 inches to the plane of the exposed concrete surface.
 - 1. Provide conical tie inserts that when removed will leave holes no larger than 1 inch in diameter on the concrete surface.

2.02 REINFORCING MATERIAL

- A. Reinforcing Bars: ASTM A615, Grade 40 for No. 3 and No. 4 deformed bars. Grade 60 for deformed bars larger in diameter than No. 4.
- B. Epoxy coated reinforcing bars: ASTM A775.

- C. Steel Wire: ASTM A82 plain cold drawn steel.
- D. Welded Wire Fabric: ASTM A185 welded steel wire fabric.
- E. Supports for Reinforcement: Bolsters, chairs, spacers, and other devices for spacing, supporting, and fastening reinforcing bars and welded wire fabric in place. Use wire bar type supports complying with CRSI specifications.
 - 1. For slab on grade, use supports with sand plates or horizontal runners where base material will not support chair legs.
 - 2. For all concrete surfaces where legs of supports are in contact with forms, provide supports with legs that are protected by plastic (CRSI class 1) or stainless steel (CRSI class 2).

2.03 CONCRETE MATERIAL

- A. Portland Cement: ASTM C150, Type 1. Use one brand of cement throughout project unless otherwise acceptable to the architect.
- B. Fly Ash: ASTM C618, Type F.
- C. Normal Weight Aggregates: ASTM C33 and as specified. Provide aggregates from a single source for exposed concrete. For exposed exterior surfaces do not use fine or coarse aggregates that contain substances that cause spalling. Local aggregates not complying with ASTM C33 that have been shown to produce concrete of adequate strength and durability by special tests or actual service may be used when acceptable to the architect.
- D. Water: potable.
- E. Admixtures: Provide concrete admixtures that contain not more than 0.1% chloride ions.
- F. Air Entraining Admixture: ASTM C260 certified by manufacturer to be compatible with other required admixtures.
- G. Water Reducing Admixture: ASTM C494, Type A.
- H. High Range Water Reducing Admixture: ASTM C494, type F or type G.
- I. Water Reducing Accelerating Admixture: ASTM C494, type C.
- J. Water Reducing Retarding Admixture: ASTM C494, type D.
- K. Corrosion Inhibitor Admixture: Calcium nitrate based corrosion inhibitor.

2.04 RELATED MATERIALS

- A. Reglets: Where sheet flashing or bituminous membranes are terminated in reglets provide reglets of not less than 0.0217 inch thick (26 ga) galvanized sheet steel. Fill reglet or cover face opening to prevent intrusion of concrete or debris.
- B. Waterstops: Provide centerbulb type, serrated waterstops at construction joints and other joints as indicated. Size to suit joints.
- C. Polyvinyl Chloride Waterstops: Corps of Engineers CRD-C 572.
- D. Vapor Retarder: Provide vapor retarder that is resistant to deterioration when tested in accordance to ASTM E154. Polyethylene sheet not less than 8 mils thick.

- E. Absorptive Cover: Burlap cloth made from jute or kenaf, weighing approximately 9 oz. per sq. yd. complying with MSHTa M182, class 2.
- F. Moisture retaining cover complying with ATM C171, polyethylene coated burlap.
- G. Liquid Membrane forming curing compound complying with ASTM C309 Type 1, class A. Moisture loss not more than 0.55 kg/sq meter when applied at 200 sq. ft. / gal.
- H. Water based acrylic membrane curing compound: ASTM C309, type 1, class B, material that has a maximum volatile organic compound (Va C) rating of 350 g/L.
- I. Bonding Agent: Polyvinyl acetate or acrylic base.
- J. Epoxy Adhesive: ASTM C881, two component material suitable for use on dry or damp surfaces. Provide material type grade and class to suit project requirements.
- K. Grout: An expansive grout shall be used in all areas where a grout or leveling course is required by construction. The grout shall be composed of selected silica sands, modified cements, pozzolanic, plasticizing and water reducing admixtures. The grout will be entirely non metallic and shall be suitable for both interior and exterior applications. The grout will be a one step product delivered to the job site in bags containing a premixed formulation requiring only the addition of water prior to use. Grout will be stored, handled, mixed, and placed as recommended by the manufacturer. The physical properties of the grout will be:
 1. Initial Set (ASTM C191) 45 minutes.
 2. Final Set (ASTM C191) 180 minutes.
 3. Compressive Strength (ASTM C109)
 - a. 24 hours: 5000 psi
 - b. 3 days: 6000 psi
 - c. 7 days: 8000 psi
 - d. 28 days: 10,000 psi
 4. Volume Change (ASTM C827)
 - a. 24 hours: + 0.032%
 - b. 3 days: + 0.033%
 - c. 7 days: + 0.035%
 - d. 28 days: + 0.035%
 5. Tensile Strength
 - a. 24 hours: 400 psi
 - b. 3 days: 460 psi
 - c. 7 days: 550 psi
 - d. 28 days: 600 psi

2.05 PROPORTIONING AND DESIGNING MIXES

- A. Design mixes to provide normal weight concrete with the following properties.

| CLASS | 28 DAY STRENGTH | W/C RATIO | AIR ENTRAINMENT | FLY ASH |
|--------------|---------------------|-----------------|---|---------------------|
| A | 4000 psi | 0.43 | 6% | 15% |
| B | 3500 psi | 0.50 | optional | optional |
| C | 3000 psi | 0.56 | optional at interior heated spaces | optional |
| D | 1500 psi | 0.60 | optional | optional |

- B. Unless noted otherwise elsewhere use class C concrete as noted above in all foundations including footing, grade beams, and cast in place piles, and use Class C concrete as noted above in all concrete slabs on grade.

- C. Slump Limits: Proportion and design mixes to result in concrete slump at point of placement as follows:
1. Ramps, slabs that are not poured with a perimeter foundation, and sloping surfaces: Not more than 4 inches.
 2. Reinforced foundation systems (including monolithic slabs that are poured with a thickened edge perimeter foundation): Not less than 1 inch and not more than 3 inches.
 3. Concrete containing high range water reducing admixture (superplasticizer) not more than 8 inches after adding admixture to site verified 2-3 inch slump concrete.
 4. Other concrete not more than 4 inches.

2.06 ADMIXTURES

- A. Use water reducing admixture or high range water reducing admixture (superplasticizer) in concrete as required for placement and workability.
- B. Use accelerating admixture in concrete slabs placed at ambient temperatures below 50 degrees.
- C. Use high range water reducing admixture in all Class A concrete. The admixture may be omitted in sidewalks.
- D. Use air entraining admixture in exterior exposed concrete unless otherwise noted. Add air entraining admixture at manufacturer's prescribed rate to result in concrete at point of placement having total air content with a tolerance of +/- 1.5% within the following limits:
1. Concrete structures and slabs exposed to freezing and thawing, deicer chemicals, or hydraulic pressure. 6% for severe exposure and 3/4" to 1 inch maximum aggregate, and 7% for severe exposure and 1/2" maximum aggregate.
- E. Use admixtures for water reduction and set accelerating or retarding in strict compliance with manufacturer's directions.

2.07 CONCRETE MIXING

- A. Job-site mixing will be done in appropriate drum type batch machine mixer. For mixers of 1 cu. yd. or smaller capacity continue mixing at least 1.5 minutes but not more than 5 minutes after ingredients are in mixer before any part of batch is released. For mixers of capacity larger than 1 cu. yd. increase minimum 1.5 minutes by 15 seconds for each additional cu. yd. Provide batch ticket for each batch discharged and used in the work indicating project identification name, date, mix type, mix time, quantity, and amount of water introduced.
- B. Ready Mixed Concrete will comply with the requirements of ASTM C94 and as specified. When air temperature is between 85 and 90 degrees reduce the mixing and delivery time from 1.5 hours to 75 minutes and when air temperature is 90 degrees or more reduce the mixing and delivery time to 1 hour. Provide a batch ticket for each batch discharged and used in the work indicating project name, date, mix type, mix time, quantity, and amount of water introduced.

PART 3 - EXECUTION

3.01 GENERAL

- A. Coordinate installation of joint materials, vapor barriers, and other related materials with placement of forms and reinforcing.

3.02 FORMS

- A. Fabricate forms for easy removal without hammering or prying against concrete surfaces.
- B. Provide openings in concrete formwork to accommodate work of other trades.
- C. Thoroughly clean forms and adjacent surfaces to receive concrete. Remove chips, wood, sawdust, dirt, and other debris before placing concrete.

3.03 PLACING REINFORCEMENT

- A. Comply with Concrete Reinforcing Steel Institute's recommended practice for "Placing Reinforcing Bars" for details and methods of reinforcement placement and supports as specified.
- B. Clean reinforcement of loose rust and mill scale, earth, ice, and other materials that reduce bond with concrete.
- C. Install reinforcing as shown in the plans and noted elsewhere.
- D. Lap welded wire fabric at least one mesh space and lace splices with wire.

3.04 JOINTS

- A. Construction Joints: Locate and install construction joints so they do not impair the strength or appearance of the structure as acceptable to the architect.
- B. Provide keyways at least 1.5 inches deep into construction joints in walls and slabs and between walls and footings. Bulkheads designed and accepted for this purpose may be used for slabs.
- C. Place construction joints perpendicular to the main reinforcement. Continue reinforcement across construction joints except as indicated otherwise. Do not continue reinforcement through sides of
- D. Use bonding agent on existing concrete surfaces that will be joined with fresh concrete.
- E. Provide waterstops in construction joints as indicated. Install waterstops to form continuous diaphragm in each joint. All joints shall be heat welded with hot iron. Support and protect exposed waterstops during progress of work. Field fabricate joints in waterstops according to manufacturer's printed instructions.
- F. Construct contraction (control) joints in slab on grade to form panel patterns as shown. For saw cut joints use 1/8 inch wide x 1/4 of the slab depth. For inserts use inserts 1/4 inch wide x 1/4 of the slab depth. For keylock type joints use continuous galvanized keyed strips the same depth as the slab and leave in place.
- G. If joint pattern is not shown then place construction joints not more than 10' on center in either direction. Place 1/2 inch expansion joints not more than 45 feet apart in sidewalks.

3.05 CONCRETE PLACEMENT

- A. Inspect formwork, reinforcing steel, embedded items, and other details before placement. Notify other trades to permit installation of their work.
- B. Comply with ACI 304 "Guide for Measuring, Mixing, Transporting, and Placing Concrete" and as specified.
- C. Deposit concrete continuously in layers of such thickness that no new concrete will be placed on concrete that has hardened sufficiently to cause seams or planes of weakness. If a section cannot be placed continuously then provide construction joints as specified. Deposit concrete to avoid segregation at its final location.
- D. Deposit concrete in forms in horizontal layers no deeper than 24 inches and in a manner to avoid inclined construction joints. Where placement consists of several layers place each layer while preceding layer is still plastic to avoid cold joints.
 - 1. Consolidate placed concrete by mechanical vibrating equipment supplemented by hand spading, rodding, or tamping. Use equipment and procedures for consolidation of concrete complying with AIC 309.

2. Do not use vibrators to transport concrete inside forms. Insert and withdraw vibrators vertically at uniform spaced locations no farther than the visible effectiveness of the machine. Place vibrators to rapidly penetrate placed layer and at least 6 inches into preceding layer. Do not insert vibrators into lower layers of concrete that have begun to set. At each insertion limit duration of vibration to time necessary to consolidate concrete and complete embedment of reinforcement and other embedded items without causing mix to segregate.
- E. Deposit and consolidate concrete slabs in a continuous operation within limits of the construction joints until completing placement of a panel or section.
 1. Consolidate concrete during placement operations so that concrete is thoroughly worked around reinforcement, other embedded items, and into corners.
 2. Bring slab surface to correct level with a straightedge and strike off. Use bull floats or darbies to smooth surface free of humps or hollows. Do not disturb slab surfaces prior to beginning finishing operations.
 3. Maintain reinforcing in proper position on chairs during concrete placement.
 - F. For cold weather placement comply with provisions of ACI 306. Protect concrete from freezing.
 - G. When air temperature has fallen to or expected to fall below 40 degrees uniformly heat water and aggregates before mixing to obtain a concrete mixture temperature of not less than 50 degrees and not more than 80.
 - H. When hot weather conditions exist that would impair quality and strength of concrete place concrete complying with ACI 305 and as specified.

3.06 HORIZONTAL SLAB FINISHES

- A. Apply a troweled finish to surfaced exposed to view and surfaces to be covered with resilient flooring, carpet, tile, paint, or similar finishing systems. After floating begin first trowel finish operation using a power driven trowel. Begin final troweling when surface produces a ringing sound as trowel is moved over the surface. Consolidate concrete surface by final hand troweling operation free of trowel marks. Leave finish in uniform texture and appearance. Tolerance of F(F)20 for floor flatness and f(L)17 for levelness per ASTM 1155.
- B. Apply a broom finish to exterior concrete and as indicated. Immediately after float finishing slightly roughen concrete surface by brooming with fiber bristle broom perpendicular to main traffic route.
- C. Exterior slabs may be imprinted with installer's stamp if first coordinated with architect.

3.07 CONCRETE CURING AND PROTECTION

- A. Protect freshly placed concrete from premature drying and from excessive cold or heat.
- B. Any markings, graffiti, footprints, animal tracks, and similar imprints in the surface will be removed and replaced by the builder at the builder's expense.

3.08 FORM REMOVAL

- A. Formwork not supporting weight of concrete may be removed after cumulatively curing at not less than 50 degrees for 24 hours after placement provided the concrete is sufficiently hard to not be damaged by form removal and provided curing and protection is maintained.
- B. Formwork supporting weight of concrete may not be removed in less than 14 days or until concrete has attained at least 75% of its design minimum 28 day strength.
- C. Form facing materials such as walls may be removed after 4 days cumulatively curing at not less than 50 degrees for 24 hours after placement provided the concrete is sufficiently hard to not be damaged by form removal and provided curing and protection is maintained.

END OF SECTION

03300-6

SECTION 13122 - METAL BUILDING SYSTEMS

PART 1 - GENERAL

1.01 DESCRIPTION

- A. Provide and erect a manufactured steel building system including but not limited to a rigid frame, roofing, siding, insulation, walk through doors, windows, and accessories.

1.02 SUBMITTALS

- A. Submit the following to the architect for review and selections:
 1. Shop drawings clearly indicating critical dimensions, anchor bolt locations, wall heights, roof slopes, siding, roofing, insulation, and other conformance to the project requirements. The shop drawings will bear the stamp of an engineer licensed in the State of New Mexico.
 2. Color samples for selecting the colors of the siding, roofing, and trim.
 3. Manufacturer's general literature.

1.03 QUALITY ASSURANCE

- A. Building will be designed in accordance with the latest edition of the AISC "Specifications For the Design, Fabrication, and Erection of Structural Steel for Buildings".
- B. Building will be designed in accordance with all applicable local, state, and national codes.
- C. The building will be designed by the manufacturer's engineer to withstand at least:
20 psf ground snow load and 93 mph nominal wind (120 mph ultimate wind speed in Risk Category 4 per IBC Chapter 16) with wind exposure C.

PART 2 - PRODUCTS

2.01 FRAME

- A. Frame will be fabricated by manufacturer and will be factory primed.
- B. End walls will be removable without the addition of supplemental framing to allow for future expansions.

2.02 ROOFING, SIDING, AND TRIM

- A. Roof panels, siding, trim, and gutters will be 26 ga or heavier. All will be factory primed and painted with a Signature 200 siliconized polyester or equal.
- B. Interior wall liner: none from building manufacturer

2.03 INSULATION

- A. See Insulation description in this project manual.

2.04 DOORS

- A. See Hollow Metal Door specification and Sectional Door specification in project manual.

2.05 BUILDING MANUFACTURER

- A. The structure will be engineered and manufactured by Mueller or equal.

PART 3 - EXECUTION

3.01 BUILDING ERECTION

- A. Erect building in strict compliance with the manufacturer's instructions.
- B. Protect materials to avoid damage to factory finish. Replace any damaged materials.

END OF SECTION



LABOR RELATIONS DIVISION

401 Broadway NE
Albuquerque, NM 87102
Phone: 505-841-4400
Fax: 505-841-4424

226 South Alameda Blvd
Las Cruces, NM 88005
Phone: 575-524-6195
Fax: 575-524-6194

WWW.DWS.STATE.NM.US

1596 Pacheco St, Suite 103
Santa Fe, NM 87505
Phone: 505-827-6817
Fax: 505-827-9676

Wage Decision Approval Summary

1) Project Title: Hayden Fire Substation
Requested Date: 01/10/2023
Approved Date: 01/11/2023
Approved Wage Decision Number: UN-23-0083-B

Wage Decision Expiration Date for Bids: 05/11/2023

2) Physical Location of Jobsite for Project:
Job Site Address: 692 Heimann Rd
Job Site City: Amistad
Job Site County: Union

3) Contracting Agency Name (Department or Bureau): County of Union
Contracting Agency Contact's Name: Angie Gonzales
Contracting Agency Contact's Phone: (575) 374-8896 Ext.

4) Estimated Contract Award Date: 02/14/2023

5) Estimated total project cost: \$350,000.00
a. Are any federal funds involved?: No
b. Does this project involve a building?: Yes - 2000 s.f. manufactured steel structure on a concrete floor. No interior partitions. Heated.
c. Is this part of a larger plan for construction on or appurtenant to the property that is subject to this project?: No
d. Are there any other Public Works Wage Decisions related to this project?: No
e. What is the ultimate purpose or functional use of the construction once it is completed?: Truck parking.

6) Classifications of Construction:

| Classification Type and Cost Total | Description |
|--|--|
| General Building (B) Cost: \$350,000.00 | 2000 s.f. manufactured steel building, concrete floor. No interior partitions. Heated. |



STATE OF NEW MEXICO
NEW MEXICO DEPARTMENT OF
WORKFORCE SOLUTIONS
Labor Relations Division
121 Tijeras Ave NE, Suite 3000
Albuquerque, NM 87102
www.dws.state.nm.us

PUBLIC WORKS PROJECT REQUIREMENTS

As a participant in a Public Works project valued at more than \$60,000 in the State of New Mexico, the following list addresses many of the responsibilities that are defined by statute or regulation to each project stakeholder.

Contracting Agency

- Ensure that all Contractors wishing to bid on a Public Works project when the project is \$60,000 or more are actively registered with the Public Works and Apprenticeship Application (PWAA) website: <http://www.dws.state.nm.us/pwaa> (Contractor Registration) prior to bidding.
- Please submit Notice of Award (NOA) and Subcontractor List(s) to the PWAA website promptly after the project is awarded.
- Please update the Subcontractor List(s) on the PWAA website whenever changes occur.
- All Sub-Contractors and tiers (excluding professional services) regardless of contract amount must be listed on the Subcontractor List and must adhere to the Public Works Minimum Wage Act.
- Ninety days after project completion please go into the PWAA system and close the project. Only Contracting Agencies are allowed to close the project. Agents or Contractors are not allowed to close projects.

General Contractor

- Provide a complete Subcontractor List and Statements of Intent (SOI) to Pay Prevailing Wages for all Contractors, regardless of amount of work, to the Contracting Agency within 3 (three) days of award.
- Ensure that all Subcontractors wishing to bid on a Public Works project have an active Contractor Registration with the Public Works and Apprenticeship Application (PWAA) website: <http://www.dws.state.nm.us/pwaa> prior to bidding when their bid will exceed \$60,000.
- Submit weekly certified payroll bi-weekly to the Contracting Agency.
- Make certain the Public Works Apprentice and Training Act contributions are paid either to an approved Apprenticeship Program or to the Public Works Apprentice and Training Fund.
- Confirm the Wage Rate poster, provided in PWAA, is displayed at the job site in an easily accessible place.
- Make sure, when a project has been completed, the Affidavits of Wages Paid (AWP) are sent to the Contracting Agency.



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- All Subcontractors and tiers (excluding professional services) regardless of contract amount must be listed on the Subcontractor List and must adhere to the Public Works Minimum Wage Act.

Subcontractor

- Ensure that all Subcontractors wishing to bid on a Public Works project have an active Contractor Registration with the Public Works and Apprenticeship Application (PWAA) website: <http://www.dws.state.nm.us/pwaa> prior to bidding when their bid will exceed \$60,000.
- Submit weekly certified payroll bi-weekly to the General Contractor(s).
- Make certain the Public Works Apprentice and Training Act contributions are paid either to an approved Apprenticeship Program or to the Public Works Apprentice and Training Fund.
- All Subcontractors and tiers (excluding professional services) regardless of contract amount must be listed on the Subcontractor List and must adhere to the Public Works Minimum Wage Act.

Additional Information

Reference material and forms may be found at New Mexico Department of Workforce Solutions Public Works web pages at: <https://www.dws.state.nm.us/Labor-Relations/Labor-Information/Public-Works>.

CONTACT INFORMATION

Contact the Labor Relations Division for any questions relating to Public Works projects by email at public.works@dws.nm.gov or call (505) 841-4400.



2023 SUBSISTENCE, ZONE AND INCENTIVE PAY RATES

All contractors are required to pay subsistence, zone, and incentive pay according to the particular trade

Asbestos workers or heat and frost insulators

- (1) Zone 1 shall consist of the area lying within the city limits of a circle whose radius is 66 miles from the city hall in Albuquerque or the city hall in El Paso - \$0.00 per day.
- (2) Zone 2 shall consist of Los Alamos county - \$40.00 per day if not furnished a company owned vehicle.
- (3) Zone 3 shall consist of the area lying beyond a circle whose radius is over 66 miles from the city hall in Albuquerque or the city hall in El Paso - \$85.00 per day.

Boilermakers/Blacksmiths

- (1) Per diem is calculated from city hall of the dispatch city or the employee's home address, whichever is closer to the job location,
- (2) Per diem is \$55.00 per day for travel between 70 and 120 miles and \$85.00 per day for travel over 120 miles.

Bricklayers

- (1) Between 70 and 120 miles, \$55.00 per day
- (2) 121 or more miles, \$70.00 per day

Cement Masons

- (1) For employees who travel to Santa Fe from Albuquerque or vice versa, \$20.00 per day.
- (2) In all other work performed more than 50 miles from the employer's main office, \$50.00 per day.
- (3) Mutually agreed-upon lodging or transportation paid for by the employer will substitute for subsistence pay.

Drywall Finishers and Tapers

- (1) \$40.00 per day (\$5.00 per hour for eight hours work) for over 60 miles over the most typically traveled route, or other mutually agreed upon suitable lodging or transportation.
- (2) If an employee has worked the full week on four 10-hour days, the employee shall be paid the full week of per diem of \$200.00.
- (3) Special provision for Santa Fe and Albuquerque: Employees who travel between Santa Fe and Albuquerque will be paid \$15.00 per day or other mutually agreed upon lodging or transportation.

Electricians (inside classifications)

- (1) For Albuquerque only:
 - (a) Zone 1 is classified as being within 40 miles from the main post office.
 - (b) Zone 2 shall extend up to 10 miles beyond zone 1. Work performed within zone 2 shall be compensated nine percent above the journeyman rate for zone 1.
 - (c) Zone 3 shall extend up to 20 miles beyond zone 1. Work performed within zone 3 shall be compensated fifteen percent above the journeyman rate for zone 1.
 - (d) Zone 4 shall extend 20 miles or more beyond zone 1. Work performed within zone 4 shall be compensated twenty six percent above the journeyman rate for zone 1.
- (2) For Los Alamos County only: work performed within the county shall be compensated fifteen percent above the zone 1 journeyman rate.
- (3) For all other counties:
 - (a) Zone 1 is:
 - (i) within six miles from the main post office for Raton, Tucumcari, and Farmington.
 - (ii) within eight miles from the main post office for Las Vegas.
 - (iii) within ten miles from the main post office for Santa Fe and Gallup.
 - (iv) within twelve miles from the main post office for Belen, Carrizozo, Clovis, Los Lunas, Portales, Roswell, Ruidoso, Artesia, Carlsbad, Hobbs, and Lovington.
 - (v) within fourteen miles from the main post office for Espanola.
 - (b) Zone 2 shall extend up to 20 miles beyond zone 1. Work performed within zone 2 shall be compensated nine percent above the journeyman rate for zone 1.
 - (c) Zone 3 shall extend up to 30 miles from zone 1. Work performed within zone 3 shall be compensated fifteen percent above the journeyman rate for zone 1.
 - (d) Zone 4 shall extend beyond 30 miles from zone 1. Work performed within zone 4 shall be compensated twenty six percent above the journeyman rate for zone 1.
- (4) When workers are ordered to report to the shop and then to the job and from job to job, and return to the shop, they shall be paid for the time spent traveling and shall be furnished transportation by the Employer. Under these conditions the Zone 1 rate and any applicable overtime will be paid.

Electricians (outside classification)

Zone 2: \$50.00 per diem to be paid for work 30 miles outside of Santa Fe and 60 miles outside of Albuquerque. No per diem in Los Alamos county.

Glaziers

- (1) When out-of-town travel is required, the employer shall pay the employee for suitable lodging with no more than two people per room and \$20.00 per night for food.
- (2) Employees required to use a personal vehicle for travel to a jobsite beyond a 30 mile radius of the main post office in town where the employer's shop is located shall be compensated at the current Internal Revenue Service (IRS) rate for actual mileage incurred beyond the 30 mile radius, plus their regular rate of pay for travel time.

Ironworkers

- (1) Travel more than 50 miles from the interchange of Interstate 40 and Interstate 25 or from the employee's home should be paid at \$9.00 per hour.
- (2) If travel is within Santa Fe county, travel time shall be paid at \$3.00 per hour.

Laborers

- (1) Type A:
 - (a) Work travel between 50 and 85 miles from the employer's primary address should be compensated at \$3.50 per hour.
 - (b) Work travel 86 miles or greater from the employer's primary address should be compensated at \$5.00 per hour.
- (2) Types B and C:
 - (a) Work travel under 50 miles is a "free zone";
 - (b) The municipal limit of the city of Santa Fe is \$30.00 per day;
 - (c) Work travel between 50 and 75 miles from the union hall to include the municipal limits of Estancia, Grants, and Socorro is \$40.00 per day.
 - (d) All work over 75 miles from the union hall is \$50.00 per day.
- (3) Type H – no zone subsistence pay:
- (4) If an employer provides the employee transportation and mutually agreeable, suitable lodging in areas where overnight stays are necessary, subsistence rates do not apply.

Millwrights

- (1) Work travel between 76 and 150 miles should be compensated at \$50.00 per day.
- (2) Work travel greater than 150 miles should be compensated at \$75.00 per day.

Operating Engineers

- (1) Type A operators should be compensated for zone and subsistence as follows:
 - (a) Work travel between 50 and 85 miles from the interchange of Interstate 25 and Interstate 40 in Albuquerque, or from the Farmington City Hall in Farmington, should be compensated at \$2.50 per hour.
 - (b) Work travel 86 miles or more from the interchange of Interstate 25 and Interstate 40 in Albuquerque or from the Farmington City Hall in Farmington, should be compensated at \$4.00 per hour.
- (2) Type B and C operators:
 - (a) Base points for operators are 30 miles and beyond:
 - (i) Bernalillo county courthouse in Albuquerque;
 - (ii) State capital building in Santa Fe;
 - (iii) City hall in Farmington.
 - (b) Zone and subsistence for Albuquerque and Santa Fe are as follows:
 - (i) work travel between 30 and 50 miles from the base point compensated at \$20.00 per day;
 - (ii) work travel between 51 and 100 miles from the base point compensated at \$45.00 per day;
 - (iii) work travel over 100 miles from the base point that involves an overnight stay compensated at \$75.00 per day.
 - (c) Zone and subsistence for Los Alamos county, \$50.00 per day.
 - (d) Zone and subsistence for Farmington is as follows:
 - (i) work travel between 35 and 75 miles from the base point compensated at \$45.00 per day,
 - (ii) work travel over 100 miles from the base point compensated at \$75.00 per day.
 - (e) If an employer provides the employee transportation and mutually agreeable, suitable lodging in areas where overnight stays are necessary, subsistence rates do not apply.
- (3) Type H operators are not eligible for zone and subsistence pay.

Painters

- (1) Zone 1: Base pay for an area within a 30 mile radius from the main post office in the city or town where the employee permanently resides. Albuquerque, Santa Fe, and Belen shall be considered Zone I.
- (2) Zone 2: Work travel between 30 and 75 miles from the main post office in the town where an employee permanently resides shall be compensated at \$1.00 per hour above base pay.
- (3) Zone 3: Work travel 75 miles or more from the main post office in the town where an employee permanently resides shall be compensated at \$2.50 per hour above base pay.



- (4) When the employee is required to stay overnight, the employer should provide and pay for suitable lodging.
- (5) Employer will furnish transportation or gasoline for all work performed beyond the 30 mile radius that encompasses the free cities of Albuquerque, Santa Fe or Belen.

Paper hangers

- (1) Zone 1: Base pay for an area within a 30 mile radius from the main post office in the city or town where the employee permanently resides. Albuquerque, Santa Fe, and Belen shall be considered Zone I.
- (2) Zone 2: Work travel between 30 and 75 miles from the main post office in the town where an employee permanently resides shall be compensated at \$1.00 per hour above base pay.
- (3) Zone 3: Work travel 75 miles or more from the main post office in the town where an employee permanently resides shall be compensated at \$2.50 per hour above base pay.
- (4) When the employee is required to stay overnight, the employer should provide and pay for suitable lodging.
- (5) Employer will furnish transportation or gasoline for all work performed beyond the 30 mile radius that encompasses the free cities of Albuquerque, Santa Fe or Belen.

Plasterers

- (1) Employees who travel from Albuquerque to Santa Fe should be compensated at \$20.00 per day.
- (2) Except for employees who travel from Santa Fe to Albuquerque, work travel 75 miles or more from the employer's office over the most typically traveled route should be compensated at \$5.00 per hour and capped at \$40.00 per day.

Plumbers and pipefitters

- (1) Work travel for 90 or more miles from an employee's primary residence, and involving an overnight stay, should be compensated at \$80.00 per day.
- (2) No zone or subsistence pay is required should the employer elect to cover the room cost.
- (3) Los Alamos county workers receive \$0.80 per hour incentive pay plus base and fringe.

Roofers

Work travel requiring an overnight stay should be compensated at \$35.00 per day for food. Employer should provide and pay for a suitable hotel. When employees are assigned to jobs located 60 or more miles from the employer's place of business, transportation to and from the job site must be provided.

Sheet metal workers

- (1) Work travel 90 miles or more from contractor's home base and employee's home, should be paid at \$80.00 per day subsistence pay plus base and fringe, regardless of county.
- (2) Los Alamos county: \$2.00 per hour incentive pay plus base and fringe.
- (3) Workers living 60 or more miles from a San Juan county job site receive \$3.00 per hour subsistence pay plus base and fringe.

Soft floor layer

- (1) Zone 1: Base pay for an area within a 30 mile radius from the main post office in the city or town where the employee permanently resides. Albuquerque, Santa Fe, and Belen shall be considered Zone I.
- (2) Zone 2: Work travel between 30 and 75 miles from the main post office in the town where an employee permanently resides shall be compensated at \$1.00 per hour above base pay.
- (3) Zone 3: Work travel 75 miles or more from the main post office in the town where an employee permanently resides shall be compensated at \$3.13 per hour above base pay.
- (4) Employer will furnish transportation or gasoline for all work performed beyond the 30 mile radius that encompasses the free cities of Albuquerque, Santa Fe or Belen.
- (5) When the employee is directed to report to a job site and the distance to the job site requires the employee to stay out of town overnight, the employer shall provide housing arrangements for the affected employees.

Sprinkler fitters

- (1) Work travel between 60 and 80 miles from the employee's primary residence should be compensated at \$22.00 per day.
- (2) Work travel between 81 and 100 miles from the employee's primary residence should be compensated at \$32.00 per day.
- (3) Work travel of 101 miles or more from the employee's primary residence should be compensated at \$120.00 per day.
- (4) No zone or subsistence pay shall be paid when the employer provides daily transportation and the employee elects to travel back and forth from home.



TYPE "B" – GENERAL BUILDING

Effective January 1, 2023

| Trade Classification | Base Rate | Fringe Rate | Apprenticeship |
|--|-----------|-------------|----------------|
| Asbestos Workers/Heat and Frost insulators | 35.56 | 12.26 | 0.60 |
| Asbestos Workers/Heat and Frost insulators: Los Alamos County | 37.99 | 12.26 | 0.60 |
| Boilermaker/blacksmith | 35.88 | 32.28 | 0.60 |
| Boilermaker/blacksmith: San Juan County | 36.83 | 31.88 | 0.60 |
| Bricklayer/Block layer/Stonemason | 24.97 | 9.50 | 0.60 |
| Carpenter/Lather | 27.73 | 12.14 | 0.60 |
| Carpenter: Los Alamos County | 33.18 | 13.58 | 0.60 |
| Millwright/pile driver | 37.10 | 28.30 | 0.60 |
| Cement Mason | 23.04 | 11.30 | 0.60 |
| Electricians-Outside Classifications: Zone 1 | | | |
| Ground man | 25.43 | 11.76 | 0.60 |
| Equipment Operator | 36.48 | 16.09 | 0.60 |
| Lineman or technician | 46.09 | 18.52 | 0.60 |
| Cable Splicer | 47.22 | 18.81 | 0.60 |
| Electricians-Outside Classification: Zone 2 | | | |
| Ground man | 25.43 | 11.76 | 0.60 |
| Equipment Operator | 36.48 | 16.09 | 0.60 |
| Lineman or technician | 46.09 | 18.52 | 0.60 |

| | | | |
|---|-------|-------|------|
| Cable Splicer | 47.22 | 18.81 | 0.60 |
| Electricians-Outside Classifications: Los Alamos County | | | |
| Ground man | 26.15 | 11.78 | 0.60 |
| Equipment Operator | 37.54 | 16.13 | 0.60 |
| Lineman or technician | 47.29 | 18.82 | 0.60 |
| Cable Splicer | 51.93 | 19.98 | 0.60 |
| Electricians-Inside Classifications: Zone 1 | | | |
| Wireman/low voltage technician | 36.75 | 12.40 | 0.60 |
| Cable Splicer | 40.43 | 12.51 | 0.60 |
| Electricians-Inside Classification: Zone 2 | | | |
| Wireman/low voltage technician | 40.06 | 12.50 | 0.60 |
| Cable Splicer | 43.74 | 12.61 | 0.60 |
| Electricians-Inside Classification: Zone 3 | | | |
| Wireman/low voltage technician | 42.26 | 12.57 | 0.60 |
| Cable Splicer | 45.94 | 12.68 | 0.60 |
| Electricians-Inside Classification: Zone 4 | | | |
| Wireman/low voltage technician | 46.31 | 12.69 | 0.60 |
| Cable Splicer | 49.99 | 12.80 | 0.60 |
| Electricians-Inside Classification: Dona Ana, Hidalgo, Luna and Otero Counties | | | |
| Wireman/low voltage technician | 32.07 | 9.81 | 0.60 |
| Cable splicer | 32.07 | 9.81 | 0.60 |
| Electricians-Inside Classification: Los Alamos County | | | |
| Wireman/low voltage technician | 42.26 | 14.68 | 0.60 |
| Cable Splicer | 45.94 | 14.98 | 0.60 |
| Elevator Constructor | 48.93 | 37.49 | 0.60 |

| | | | |
|---|-------|-------|------|
| Elevator Constructor Helper | 39.14 | 37.49 | 0.60 |
| Glazier | | | |
| Journeyman/Fabricator | 21.25 | 6.70 | 0.60 |
| Delivery Driver | 12.00 | 6.70 | 0.60 |
| Glazier: Los Alamos county | 21.25 | 6.70 | 0.60 |
| Ironworker | 28.05 | 18.30 | 0.60 |
| Painter | 18.25 | 8.50 | 0.60 |
| Painter: Los Alamos county | 29.51 | 10.35 | 0.60 |
| Paper Hanger | 18.25 | 8.50 | 0.60 |
| Paper Hanger: Los Alamos county | 30.33 | 10.35 | 0.60 |
| Drywall Finisher/Taper - Light Commercial & Residential | | | |
| Ames tool operator | 26.82 | 8.40 | 0.60 |
| Hand finisher/machine texture | 25.82 | 8.40 | 0.60 |
| Drywall Finisher/Taper – Light Commercial & Residential: Los Alamos county | 29.51 | 10.35 | 0.60 |
| Plasterer | 24.34 | 9.79 | 0.60 |
| Plumber/Pipefitter | 35.11 | 13.40 | 0.60 |
| Roofer | 26.94 | 9.36 | 0.60 |
| Sheet metal worker | | | |
| Zone 1 | 35.44 | 19.00 | 0.60 |
| Zone 2 – Industrial | 36.44 | 19.00 | 0.60 |
| Zone 3 – Los Alamos County | 37.44 | 19.00 | 0.60 |
| Soft Floor Layer | 21.00 | 9.20 | 0.60 |
| Soft Floor Layer: Los Alamos county | 29.55 | 10.45 | 0.60 |
| Sprinkler Fitter | 34.18 | 24.44 | 0.60 |
| Tile Setter | 24.46 | 8.81 | 0.60 |
| Tile Setter Helper/Finisher | 16.53 | 8.81 | 0.60 |
| Laborers | | | |
| Group I- Unskilled | 19.25 | 7.93 | 0.60 |

| | | | |
|-------------------------------------|-------|------|------|
| Group II – Semi-skilled | 19.25 | 7.93 | 0.60 |
| Group III- Skilled | 20.25 | 7.93 | 0.60 |
| Group IV - Specialty | 22.50 | 7.93 | 0.60 |
| Masonry Laborers | | | |
| Group I- Unskilled and Semi-Skilled | 19.75 | 8.09 | 0.60 |
| Group II- Skilled | 21.50 | 8.09 | 0.60 |
| Group III- Specialty | 22.00 | 8.09 | 0.60 |
| Operators | | | |
| Group I | 23.32 | 7.67 | 0.60 |
| Group II | 25.48 | 7.67 | 0.60 |
| Group III | 25.94 | 7.67 | 0.60 |
| Group IV | 26.38 | 7.67 | 0.60 |
| Group V | 26.57 | 7.67 | 0.60 |
| Group VI | 26.78 | 7.67 | 0.60 |
| Group VII | 26.89 | 7.67 | 0.60 |
| Group VIII | 29.93 | 7.67 | 0.60 |
| Group IX | 32.32 | 7.67 | 0.60 |
| Group X | 35.72 | 7.67 | 0.60 |
| Truck Drivers | | | |
| Group I-VII | 16.65 | 8.27 | 0.60 |
| Group VIII | 16.71 | 8.27 | 0.60 |
| Group IX | 18.65 | 8.27 | 0.60 |

NOTE: All contractors are required to pay SUBSISTENCE, ZONE AND INCENTIVE PAY according to the particular trade. Details are located in a PDF attachment at WWW.DWS.STATE.NM.US. Search Labor Relations/Labor Information/Public Works/Prevailing Wage Rates.

For more information about the Subsistence, Zone, and Incentive Pay rates, or to file a wage claim, contact the Labor Relations Division at (505) 841-4400 or visit us online at www.dws.state.nm.us.

BID FORM

HAYDEN SUBSTATION
UNION COUNTY

TO: Union County Commission
200 Court Street
Clayton, NM 88415

FROM: _____

_____ business name and mailing address of bidder

The undersigned, (herein called "Bidder") in compliance with the Instructions to Bidders, having examined the Drawings and Specifications and related Documents as prepared by Alpha Design and having examined the sites of the proposed Work, and being familiar with all of the conditions surrounding the construction of the proposed project including the availability of materials and labor, hereby proposes to furnish all labor, materials and supplies, and to construct the project in accordance with the Contract Documents, and at the prices stated below. These prices are to cover all expenses incurred in performing the Work required under the Contract Documents of which this proposal is a part, except for gross receipts tax on the construction contract.

A. BASE BID AMOUNT

Bidder agrees to furnish all labor, materials, equipment and services required to construct and complete the Work as described and required by the herein above stated Documents, in accordance therewith for the sum of:

_____ DOLLARS
spelled

\$ _____
same amount in numbers

The bid amount indicated does NOT includes NM gross receipts tax to be added to the contract.

B. ADDENDA ACKNOWLEDGMENT

The undersigned acknowledges receipt of the following Addenda if any

:

| ADDENDA NUMBER | ADDENDA DATE |
|----------------|--------------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

C. SIGNATURE

Bidder understands that the Owner reserves the right to reject any or all Bids and to waive any formalities in the bidding.

The bidder agrees that this Bid shall be good and may not be withdrawn for a period of thirty (30) calendar days after the scheduled closing time for receiving bids.

Upon receipt of written notice of the acceptance of this Bid, Bidder will execute the formal Contract within ten (10) days and deliver the required Surety Bond or Bonds and Certificates of Insurance as required by the Contract Documents and post bid Submittals as required by the Instructions to Bidders.

The Bid Security attached, in the sum of at least five per cent of the bid amount, is to become the property of the Owner in the event the Contract, Bonds, and Insurance are not executed within the time above set forth, as liquidated damages for the delay and additional expense to the Owner.

DATE: _____

BY: _____
(Signature)

(Title)

(Business Address)

(Business Phone)

D. PROPOSED SUBCONTRACTOR LIST

New Mexico law requires that a list of all Subcontractors and Suppliers whose subcontract will be for a dollar amount total of \$5000 or more be supplied with the bid. It further requires that if costs or quotes are received for any portions(s) of the work for \$5000 or more per Subcontractor or Supplier, then the bid must include the name of the Subcontractor or Supplier to be used for those portion(s) of the work unless the work will be performed by the General Contractor. Include name, address, and phone number of Subcontracting companies to be used on this project.

If awarded the Contract the bidder proposes to use the following Subcontractor(s) and Supplier(s) when the total payment to each listed Subcontractor or Supplier is expected to exceed \$ 5,000. Write "none" if no subcontractors will perform any work.

| Subcontractor, phone number, and license number | Description of Subcontracted Work |
|---|-----------------------------------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

F. BID SUBMITTAL CHECK LIST

Submitted to the owner with the Bidder's sealed bid are:

- 1) This 3 page bid form.**
- 2) Campaign Contribution Disclosure Form (3 page form found in this project manual)**
- 3) Bid Bond**
- 4) Copy of Bidder's New Mexico current active contractor's license**
- 5) Copy of Resident Contractor Preference Certificates (if applicable) (issued to contractor by NM Taxation and Revenue Dept.)**
- 6) Copy of current Registration with New Mexico Dept. of Workforce Solutions.**

CAMPAIGN CONTRIBUTION DISCLOSURE FORM

Pursuant to NMSA 1978, § 13-1-191.1 (2006), any person seeking to enter into a contract with any state agency or local public body **for professional services, a design and build project delivery system, or the design and installation of measures the primary purpose of which is to conserve natural resources** must file this form with that state agency or local public body. This form must be filed even if the contract qualifies as a small purchase or a sole source contract. The prospective contractor must disclose whether they, a family member or a representative of the prospective contractor has made a campaign contribution to an applicable public official of the state or a local public body during the two years prior to the date on which the contractor submits a proposal or, in the case of a sole source or small purchase contract, the two years prior to the date the contractor signs the contract, if the aggregate total of contributions given by the prospective contractor, a family member or a representative of the prospective contractor to the public official exceeds two hundred and fifty dollars (\$250) over the two year period.

Furthermore, the state agency or local public body shall void an executed contract or cancel a solicitation or proposed award for a proposed contract if: 1) a prospective contractor, a family member of the prospective contractor, or a representative of the prospective contractor gives a campaign contribution or other thing of value to an applicable public official or the applicable public official's employees during the pendency of the procurement process or 2) a prospective contractor fails to submit a fully completed disclosure statement pursuant to the law.

THIS FORM MUST BE FILED BY ANY PROSPECTIVE CONTRACTOR WHETHER OR NOT THEY, THEIR FAMILY MEMBER, OR THEIR REPRESENTATIVE HAS MADE ANY CONTRIBUTIONS SUBJECT TO DISCLOSURE.

The following definitions apply:

“Applicable public official” means a person elected to an office or a person appointed to complete a term of an elected office, who has the authority to award or influence the award of the contract for which the prospective contractor is submitting a competitive sealed proposal or who has the authority to negotiate a sole source or small purchase contract that may be awarded without submission of a sealed competitive proposal.

“Campaign Contribution” means a gift, subscription, loan, advance or deposit of money or other thing of value, including the estimated value of an in-kind contribution, that is made to or received by an applicable public official or any person authorized to raise, collect or expend contributions on that official's behalf for the purpose of electing the official to either statewide or local office. “Campaign Contribution” includes the payment of a debt incurred in an election campaign, but does not include the value of services provided without compensation or unreimbursed travel or other personal expenses of individuals who volunteer a portion or all of their time on behalf of a candidate or political committee, nor does it include the administrative or solicitation expenses of a political committee that are paid by an organization that sponsors the committee.

“Family member” means spouse, father, mother, child, father-in-law, mother-in-law, daughter-in-law or son-in-law.

“Pendency of the procurement process” means the time period commencing with the public notice of the request for proposals and ending with the award of the contract or the cancellation of the request for proposals.

“Person” means any corporation, partnership, individual, joint venture, association or any other private legal entity.

“**Prospective contractor**” means a person who is subject to the competitive sealed proposal process set forth in the Procurement Code or is not required to submit a competitive sealed proposal because that person qualifies for a sole source or a small purchase contract.

“**Representative of a prospective contractor**” means an officer or director of a corporation, a member or manager of a limited liability corporation, a partner of a partnership or a trustee of a trust of the prospective contractor.

DISCLOSURE OF CONTRIBUTIONS:

Contribution Made By: _____

Relation to Prospective Contractor: _____

Name of Applicable Public Official: _____

Date Contribution(s) Made: _____

Amount(s) of Contribution(s) _____

Nature of Contribution(s) _____

Purpose of Contribution(s) _____

(Attach extra pages if necessary)

Signature

Date

Title (position)

--OR--

NO CONTRIBUTIONS IN THE AGGREGATE TOTAL OVER TWO HUNDRED FIFTY DOLLARS (\$250) WERE MADE to an applicable public official by me, a family member or representative.

Signature

Date

Title (Position)