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Pre-Fabricated precast Electrical Building

Approx. Weight* 60,000 pounds

Pre-cast Concrete building (12'-0" x 26'-10" x 9'-10") complete with the following:

- The precast concrete buildings shall have 3" walls with ½" Fractured fin, 5"-4" roof and 6" floor
- Building shall be casted as a modular prefabricated building complete with finishes as listed below
- ME PE Stamped drawings
- Building will be shipped in one piece
- Penetrations to be provided for incoming electrical and mechanical where required
- Third party certification (*prior to shipping*)
- 5,000 psi concrete (*to be confirmed during design*)
- Please review carefully the exclusion section included within this proposal

Exterior Finish complete with the following:

- Fractured Fin finish with one (1) base coat MasterSeal 581 and two (2) finish coats MasterProtect HB 400 (*Color to be selected by owner from standard color chart*)
- Roof will receive 115 Mill EPDM with fully adhered with termination bars (*standard black*)

Interior Finish complete with the following:

- Walls and ceiling shall receive 2" Rigid insulation board covered with ¾" Plywood laminated with FRP and required accessories (*Standard white finish – non-fire rated*)
- VCT tile floor (*Classic white – standard non-static product*)
- One (1) First aid Kit
- One (1) Fire extinguisher with bracket (*10lb*)
- One (1) Wall mounted fold up desk

Doors, frames and Hardware complete with the following:

- One (1) 3'-0" x 7'-0" 18 gauge insulated steel door, 16 gauge frame with SS hinges, and hold open closer. (*color to be selected by owner from standard color chart*)
- One (1) Mortise Lockset (*All door hardware to be commercial grade*)
- 6" Aluminum Drip Cap
- All required door weather-stripping, door sweeps, door holder and threshold complete

Mechanical complete with the following:

- Two (2) Marvair 5-ton HVAC unit with single-phase power – 120V with 5Kw electric heater, manual damper, and R410 Refrigerant (*Cabinet to be standard Beige in color*)
 - Unit will have Telecom controls including low ambient cooling
 - Factory installed phase monitor, supply and return grills, with no economizer
- One (1) Commstat 4-controller (*lead lag*)



Electrical complete with the following:

- One (1) 200 Amp Single phase Meter Socket
- One (1) Generator Docking Station NEMA 3R Rated
- One (1) 200 Amp Integrated Panelboard single phase, 42 position, with ATS, MTS and Surge. 42 position
- One (1) 100 Amp LEA secondary Surge Protector single phase
- Six (6) Interior mounted LED 4' wrap lights with switch
- One (1) Exit/Emergency Combination fixture
- One (1) Dual Head Remote Outdoor fixture for egress lighting
- One (1) Exterior LED Wall pack with integral photocell
- Six (6) Interior 20 Amp duplex receptacles
- One (1) Exterior 20 amp GFI Receptacle
- Four (4) 30 Amp 250V Twist Lock receptacles located along the cable rack system (dedicated circuits)
- One (1) Smoke Detector
- One (1) Set of High and low temperature alarms
- One (1) Door contact intrusion alarm
- One (1) Telco Board 4' x 4'
- 40' of 18" Cable Tray
- Halo Grounding
- One (1) Ground bar ¼" x 4" x 12"
- One (1) Ground Bar ¼" x 4" x 20"
- All interior conduit and wiring for power and alarms for above furnished equipment
- Conduit to be EMT, wire to be stranded type THHN
- UCP will provide approximately 25 feet of #2 bare wire coiled up for connection to site grounding by others

Site installation is as follows:

- Prior to delivery, United Concrete Products, Inc. (UCP) will issue as-built drawings for the customer (or contractor) to confirm foundation footprint and location of utilities (*penetrations*) and confirm foundation (*elevation, dimensions, etc.*) are accurate prior to delivery
- UCP Installation team to provide oversight and provided rigging for building (*setting assistance*)
- UCP Installation team to complete all required building attachment to cast-in-place foundation (*if required*)
- UCP Installation team will complete a comprehensive review of the structure upon completion and complete necessary startup and commissioning

Lead Time:

- Submittals and shop drawings will be issued approximately **8 Weeks** after receipt of Purchase Order or Contract.
- Delivery will occur **12 – 16 Weeks** from final approval of all submittals and shop drawings (*complete package – see standard terms*)