

THERMO BOND
BUILDINGS



ATTN: John Smith

COMPANY: City of Fort Bragg

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PROPOSAL NO. 2306-257

Project: Fort Bragg, CA

DATE: 10/31/2024

Prepared by: **Melody Kennedy**
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10' O.D. x 16' O.D. x 9' I.D. CONCRETE SHELTER

1. Concrete Structure – Steel reinforced concrete, 5000 psi, 250psf floor live load, 150 mph wind, 2 Hour Fire Rated, Level IV Bullet Resistant
2. Roof system – Solid Concrete roof, sealed
3. Exposed Aggregate Exterior – Telecom Brown
4. Insulation: R-13 walls & R-19 roof
5. Commercial vinyl tile floor covering
6. 3/4" OSB/FRP interior finish
7. (1) 3'-0" x 7' exterior 18 gauge steel door, 16 gauge frame, Electric strike, panic bar, closer
8. (2) – 8"x16" floor opening for fiber entry
9. Full set of CA sealed construction drawings and structural calculations
10. State Approval (if applicable)

ELECTRICAL AND INTEGRATION EQUIPMENT:

AC POWER

1. (1) – AC Load Center, 200 Amp, 120/240V 1Phase, 40 position
2. (1) – Automatic Transfer Switch, 200 Amp, 2 pole 120/240V 1Phase, Nema 1
3. (1) - Surge Arrester, Type 2B – MOV, 120/240V
4. (1) - Surge Arrester, Type 2A – SAD/MOV, 120/240
5. (4) - 120v duplex receptacles
6. (1) – Exterior GFI receptacle

LIGHTING

7. (4) - 2 tube, 4 foot LED light fixtures with switch
8. (1) – Exterior LED light with photocell, RAB Slim18-PC
9. (1) – Emergency Light, Dual head lights/ Exit Sign combination

HVAC

10. (2) – 3 Ton Wall mount air conditioners - Bard
11. (1) – HVAC lead/lag controller with base alarm board, Bard MC4002-A

INTEGRATION INFRASTRUCTURE

12. (A/R) – Cable Ladder, 12" wide, gray steel
13. (A/R) – Fiber trough, 4", complete with downspouts, elbows, snap-on covers, junction assemblies and bracket kits
14. (A/R) – Vertical Fiber trough, 2" Vertical slotted Duct between each rack
15. (4) – Relay Racks, 2-post, 23" wide

GROUNDING

16. (1) – Ground Bar, 4" x 20" x 1/4"
17. (1) – HALO Ground – BARE #2 AWG

DC POWER SYSTEM

18. (1) – DC Power System, -48vdc, 500A max capacity including:
(4) Rectifiers, 3000W

(2) string of (4) Batteries, 190AH each

(A/R) DC distribution cabling to each fuse panel, Telcoflex III, #2 awg, red and black

19. (3) – Fuse Panels, Dual Feed, 15/15 positions, 1U, 20A Fuses, Telect 125GMT10

ALARMING

20. (1) – Alarm package; smoke detector, open door, high/low temperature, power fail, all dry contact relays wired to 66 punch down block inside 12"x16" junction box

GENERATOR

Generac Industrial diesel engine-driven generator set with turbocharged 4-cylinder 3.3L engine, consisting of the following features and accessories:

- Stationary Emergency-Standby rated
- 35 kW Rating, wired for 120/240 VAC single phase, 60 Hz
- Permanent Magnet Excitation
- UL2200
- EPA Certified
- SCAQMD Certified
- Standard Weather Protective Enclosure, Steel
 - Industrial Grey Baked-On Powder Coat Finish
- Power Zone 410 Digital Control Panel for Single Generators
 - NFPA 110 Capable
 - Temp Range -40 to 70 degrees C
 - UL6200
 - C-ETL-US
 - CE
 - 128 X 64 Graphical Display with Heater
 - Auto/Manual/Off modes
 - Optional Emergency Stop, key switch (Auto/Off/Manual) and audible alarm horn within a single add on module
 - RS-485, RS-232 and CANbus ports
 - Sensors: Oil Pressure, optional Oil Temp, Coolant Temp, Fuel Level/Pressure (where applicable), Engine Speed, DC Battery Voltage, Run-time Hours, Generator Voltages, Amps, Frequency, Power, Power Factor
 - Alarm Status: Low or High AC Voltage, Low or High Battery Voltage, Low or High Frequency, Pre-low or Low Oil Pressure, Pre-high or High Oil Temp (optional), Low Water Level and Temp, High, Low, and Critical-low Fuel Level/Pressure (where applicable), Overload, Overcrank, Over and Under Speed, Unit Not in Automatic
 - Optional Programmable I/O module
 - Engine function monitoring and control:
 - Full range standby operation; programmable auto crank, Emergency Stop (optional), Auto-Off-Manual
 - 3 Phase RMS Voltage Sensing
 - +/-0.5% digital voltage regulation with: soft-start voltage ramping - adjustable, loss of sensing protection - adjustable, negative power limit - adjustable, Hi/Lo voltage limit - adjustable, V/F slope and gain - adjustable, fault protection
 - Service reminders, fault history (alarm log)
 - I2T function for full generator protection
 - Selectable low-speed exercise
 - 2 and 3-wire start controls for any 2 or 3-wire transfer switch
- Primary MLCB, 80% rated thermal-magnetic
 - 175 Amp
- Battery Charger, 10 Amp, NFPA 110 compliant, installed
- 110 AH, 925 CCA Group 31 Battery, with rack, installed

- Block Heater STD 1500W
- Critical Muffler
- Battery Disconnect
- 24" 132 Gallon Double-Wall UL142 Basetank
 - Mechanical fuel level indicator gauge
 - Electronic fuel level sender
 - Emergency Vent
 - 8" Fuel Extension
- Fuel Hose- Fire rated- SSteel
- Std set of 3 Manuals
- Standard 2-Year Limited Warranty
- SD0035AG023.3D18DPYY3
- Startup Service - Final Destination

All electrical wires, breakers, boxes, conduit, etc. to make a complete assembly

PRICING

10' x 16' x 9' Concrete Shelter	\$ 135,380.00
Generator, 35Kw/, Diesel (ships loose)	\$ 47,170.00 includes shipping
Crate Offloading	\$ 11,975.00
Estimated Freight	<u>\$ 16,200.00</u>
	\$210,725.00 Total

NOTES:

- Quote good for 30 days.
- Payment Terms: 25% upon order, Remaining balance due upon shelter completion whether or not site is ready to accept delivery.
- Site must be accessible to truck/trailer. Quoted freight rates are estimates only. Final price may be adjusted at time of shipment based on actual costs, site accessibility and current market fuel price.
- Typical lead-time is approximately 120 days from approved drawings.

This price does not include:

1. Foundation
2. Anchors and tie-down to foundation
3. Site work and site grounding
4. Any applicable taxes

THERMO BOND BUILDINGS LLC TERMS AND CONDITIONS OF SALE

1. Any order placed or any purchase order issued by the BUYER shall constitute an acceptance of all the terms and conditions contained in this document except for such terms and conditions as both the BUYER and the SELLER agree to in writing.
2. All new customers are required to fill out the attached "Confidential Credit Application."
3. Twenty Five percent (25%) deposit required with purchase order/signed contract. Remaining balance due thirty (30) days from the date of invoice whether or not Buyer has taken delivery. All sums not paid when due shall be subject to a 1.5% per month interest charge on past due balances. Payment shall not be dependent upon payment from any other party unless previously negotiated. No retainage shall be deducted from payment unless previously negotiated.
4. Prices quoted are in effect for a period of thirty (30) days from the date of quotation.
5. BUYER shall pay all local, state and/or federal taxes and fees applicable to the purchase of SELLER'S equipment. Where applicable, said charges will be added to the invoice of the SELLER by separate line item.
6. BUYER shall pay all freight expenses pursuant to the invoice of the SELLER. Title and Risk of Loss shall pass to the BUYER upon shipment to the destination agreed to by the parties. If at the BUYER'S request, shipment is delayed beyond BUYER'S original shipment date, the BUYER will be invoiced for the completed unit once it is finished. BUYER must add the building to off-premises insurance coverage.
7. Changes shall be valid only if in writing signed by authorized representatives of BUYER and SELLER. Such changes must provide for any modification in the price or the time of delivery. Minor variations by SELLER in the details of design or construction of the equipment shall not give rise to any claim of defect or default. The SELLER reserves the right to make such minor changes in details or design and construction as shall in its judgment constitute an improvement over the original specification.
8. SELLER is not responsible for delay in delivery or other non-performance of this agreement due to force majeure, labor disputes or any other similar or dissimilar causes beyond the control of the SELLER. In the event of delay caused for reasons beyond the control of the SELLER, the time for the SELLER to perform shall be extended until such time as the disability has been removed.
9. This agreement shall be governed by the laws of the State of South Dakota. The Courts of South Dakota shall have exclusive jurisdiction over all controversies arising out of or in connection with this agreement. The parties consent to personal jurisdiction in South Dakota and agree that process may be served upon them by registered mail at the address stated at the head of this agreement or personally within or without South Dakota. If service is made in any manner other than personally within South Dakota, the defendant shall be entitled to a period of twenty (20) additional days to answer over and above the time set by law.
10. The parties covenant and agree that if either acquires any right or rights to bring any action, suit or proceeding against the other as a result of any breach of this agreement, except for non-payment of the purchase price, the party acquiring such right or rights shall be conclusively deemed to have waived and relinquished the same unless such action, suit or proceeding is commenced within one year after such right or rights arose.
11. This agreement is not subject to cancellation or change unless requested by BUYER and accepted in writing by SELLER. In the event of any such cancellation, BUYER shall pay to SELLER, within thirty (30) days of such cancellation, the reasonable costs and expenses incurred by SELLER prior to receipt of the request for cancellation (including but not limited to engineering, manufacturing expenses and all commitments to its suppliers, subcontractors, and others), plus a reasonable percentage of the total of the foregoing for SELLER'S overhead and profit.

Version 2.0

5/1/2022

Limited Warranty

Thermo Bond Buildings, LLC (hereinafter referred to as Seller) warrants only the commercial items, manufactured by them, to be free of defects in workmanship and material and to be reasonably fit for the purpose for which they are manufactured and sold under normal use and service. This warranty requires the purchaser to install, commission and operate all material according to the supplier's recommendations and specifications. In addition, the purchaser must inspect and perform maintenance, not less than semi-annually per Seller's maintenance schedule TBA-WA-FA-001. Seller warrants that its equipment will be designed and manufactured to conform to the requirements expressly stated in the specifications. If any element or feature of the equipment is found to be defective within one year of the date of manufacture and the Seller is immediately notified in writing of the nature of the defect, Seller will replace, repair, or modify such equipment, at Seller's option and expense, within thirty (30) days of such notification. Included is a structural warranty period of one year for lightweight shelters and a period of ten years for concrete shelters. This warranty is exclusive and is in lieu of all other warranties, whether written or implied, including warranty of marketability and warranty of fitness for purpose. Seller's liability under this warranty is limited to repair, modification, or replacement of the defective equipment, exclusive of all other damages or claims of whatever nature including and without limitation, Buyer's labor, loss of profits, consequential damages, down time, labor expenses, loss of production or any other damages resulting from the defect. Seller is not responsible for claims of any kind based upon loss of use, network down time, overhead, labor expenses, and damages to other equipment or loss of production or profits. In addition, Seller is not responsible for consequential or incidental damages arising out of or in connection with this warranty.

To the extent authorized by the manufacturer of a component installed by the Seller, any equipment carrying a separate manufacturer's warranty will retain its manufacturer's warranty to the benefit of the Buyer. Seller does not warranty any equipment or parts carrying a separate manufacturer's warranty.

The remedies set forth herein are exclusive to the Seller and the Seller shall have the final decision as to the time and nature of the repairs, reinstallation, or removal of any of its equipment.

There are no rights, warranties, or conditions, expressed or implied, statutory, or otherwise, other than those specifically stated in this document. This warranty is the entire and exclusive agreement between the Buyer and Seller. No agreement by the Seller shall otherwise exist as a release of, or consent to, any liability beyond those contained herein.

Any agreement to purchase, payment or acceptance of delivery by the Buyer shall constitute an acknowledgement that Buyer has read and understands the terms of this warranty, and that the Buyer agrees to them.

This warranty shall not cover any intentional acts to Seller's equipment, natural disasters, acts of God or damage due to force nature.

All liability of the Seller under this warranty shall be limited to the purchase price paid.

**Thermo Bond Buildings, LLC
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