

**REQUEST FOR INFORMATION
FOR
COUNTY OF SAN MATEO**

**LISTED BELOW ARE THE QUESTIONS (Q) SUBMITTED BY
POTENTIAL BIDDERS FOR THE**

HALF MOON BAY AIRPORT ELECTRICAL VAULT AND GENERATOR PROJECT

**COUNTY PROJECT NO. AH035
PROJECT FILE NO. E5079 (Project)**

**THE COUNTY OF SAN MATEO DEPARTMENT OF PUBLIC WORKS
HAS PROVIDED RESPONSES (R) TO THE QUESTIONS BELOW**

Responses R1-R16 provided on 4/2/2024.

Q1. Please clarify the height of the chain link fence. On detail A1 on plan sheet CG501 it shows the fence having a 6' height. On sheet CG501 Detail C3 it shows the fence gate being 8' high. Please confirm the height of the chain link fence as 6' high or if fence is another height, please clarify the correct fence height.

R1. Both the fence and gate shall be 6' high. Please refer to Sheet CG501 (rev) enclosed with Addendum No. 3.

Q2. In the chain link fence spec section F-162 under 162.2.1 - Fabric, it calls out the chain like fence fabric to be 9 ga with a 2" mesh and PVC black coated steel wire. In the gate spec section, 162-2.4, it calls out the gate frame to be PVC vinyl coated pipe. This is not stated for the Posts, rails, and braces. Please clarify the finish coating for the Posts, Rails and Braces. Are posts, rails, and braces to have the same finish coating of PVC Black as the fabric and gate frames or are the posts, rails, and braces to have a galvanized finish coating? Please clarify.

R2. The posts, rails, and braces shall have the same PVC black coating as the fabric and gate frames. Please refer to page TS F-162-1 (rev) enclosed with Addendum No. 3.

Q3. Section F-162, under 162-3.4, calls out for Top rails and section 162-3.9 calls out for bottom tension wire. On detail A1 it calls out for Top and Bottom tension wire. Please clarify if the fence has top rail or top tension wire.

R3. The proposed fence will not have a top rail. The proposed fence shall have a top and bottom tension wire as called out in Detail A1. Please refer to page TS F-162-3 (rev) enclosed with Addendum No. 3.

Q4. Drawing EL102 sheet note indicates to provide trenching for (2) 2" from LV raceway to cutover existing 480v airfield circuits. Please confirm this is the correct voltage or indicate correct voltage.

R4. Voltage is correct.

Q5. Drawing EL601 single line indicates 350amp breaker for the generator. Per generator manufacturer, the maximum available breaker is 200amp. Please confirm 200amp is acceptable or provide updated documents for a larger generator that will allow for the 350amp main breaker.

R5. Detail A3 on Sheet EL601 has been revised to remove previously indicated approximate breaker size, and page TS L-114-2 has been revised to clearly indicate that the generator is a single-phase generator. Please refer to Sheet EL601 (rev) and page TS L-114-2 (rev) enclosed with Addendum No. 3.

Q6. Drawing EL601 single line note for generator indicates 24 hour full-load skid-mounted tank in custom stainless steel enclosure. Specifications require the enclosure to be stainless steel, however the language is not clear if the fuel tank is required to be stainless steel. Please confirm fuel tank must be made of stainless steel and if so what grade.

R6. The dual-containment fuel tank is not required to be stainless steel.

Q7. During the pre-bid meeting it was discussed that lead times for equipment could cause the project completion to extend past the allotted time. It was noted by the County that a "Pause to the construction schedule" could be implemented if the contractors suppliers were unable to provide equipment in the allotted contract time. Please confirm this is acceptable and that the contractor will not be held responsible for liquidated damages.

R7. In the event that the contractor is not able to complete or continue the project within the allotted time due to long lead procurement time equipment, the County can issue a "Pause To Construction Schedule" notice which would allow for the contractor to receive the equipment without incurring penalties/liquidated damages for items in the scope of work relating to the procurement of said equipment.

The Contractor must ensure that both the County of San Mateo - Airports Division and the County of San Mateo Department of Public Works are immediately notified regarding the expected delays in schedule due to equipment procurement times. Contractor shall provide appropriate supporting documentation to prove that a pause to the construction schedule is necessary.

Q8. During the pre-bid meeting the question was asked if the owner was in receipt of an approved substructure package from PGE. The response was yes, and that the PGE rep is Liz Freidman. The contractor takes exception to two parts of this response. First – Liz Freidman has been promoted to a supervisory position and is no longer in the PM capacity, so we ask for the name of the current PGE representative assigned to this project. Second – since there is an approved substructure package from PGE, we ask for the PGE Project PM number and to provide said drawings as part of the bid documents. If either of the requests are unable to be provided, we request that the owner confirm the contractor is not to be held responsible for costs associated with any PGE related delays. Additionally, we ask the owner to confirm that any cost escalations such as wage rates, extended overhead and the like will be the responsibility of the owner.

R8. The new PG&E contact for the project is Katie Townsend, with contact number (650)232-9664 and email addresses and k2tm@pge.com. Please refer to page TS L-102-1 (rev) enclosed with Addendum No. 3. A Substructure Drawing from PG&E has also been provided for the project and is attached to this RFI document for reference.

Q9. Grout – the structural notes and the specification indicate grout. The foundation details, S510, do not show grout. Please confirm if there is grout under the PEMB columns.

R9. Grout is required under column base plates. Details to be defined during PEMB deferred submittal.

Q10. Bracing – The plans indicate to put (assumably) rod bracing in the locations shown. No locations are shown. Please confirm both side walls are acceptable location for rod bracing.

R10. Both side walls are acceptable locations for rod bracing. Details to be defined during PEMB deferred submittal.

Q11. Roof and Wall Panel – The specs call for 22ga. A building of this use (especially standing seam) typically utilizes 24ga. Are 24ga roof and wall panels acceptable? The 24ga would meet the performance specifications. Please advise.

R11. Section 133419 – Metal Building Systems Parts 2.3 and 2.4 of the Project Specifications call for 0.024in (24ga) minimum thickness for roof and wall panels.

Q12. Insulation – no insulation is specified or shown. Most PEMB manufacturers require at least some insulation and a vapor barrier on the roof to guard against condensation. Should a low value roof insulation be included? Please advise.

R12. Pre-engineered Metal Building (PEMB) is a deferred submittal, and all design, construction and detailing requirements will be based on the PEMB design drawings. PEMB manufacturer shall provide minimum insulation requirements to follow the California Energy code/California building code and manufacturer's warranty.

Q13. Bays – the plans show two bays. Would a single bay building be permitted (eliminate center primary frame)? Please advise.

R13. Maintain design as shown on Approved plans.

Q14. Doors – The specs call for a factory finish paint for the door and door jambs. Door jambs do not come factory finished. Typically factory finished door are only economical on large orders and require a substantial lead time. Can the door and door frame be field painted? Please advise.

R14. Field painted frames and doors to match shall be acceptable.

Q15. Finish warranty – Most sole source manufacturers only offer a 25 year finish warranty. Is a 25 year finish warranty acceptable in lieu if the 35yr warranty specified?

R15. Please provide a warranty per project specifications.

Q16. Louver - The requirement for “set at an angle that excludes driving rains” indicate a wind driven louver. We are unable to find a wind driven louver that meets the 55% free air requirement. Please provide a basis of design for the louver.

R16. Per project specifications the intent of the angle louver is to prevent rain from entering the building, if the contractor can find an approved equivalent, that can be evaluated as a submittal alternative at the time of construction.

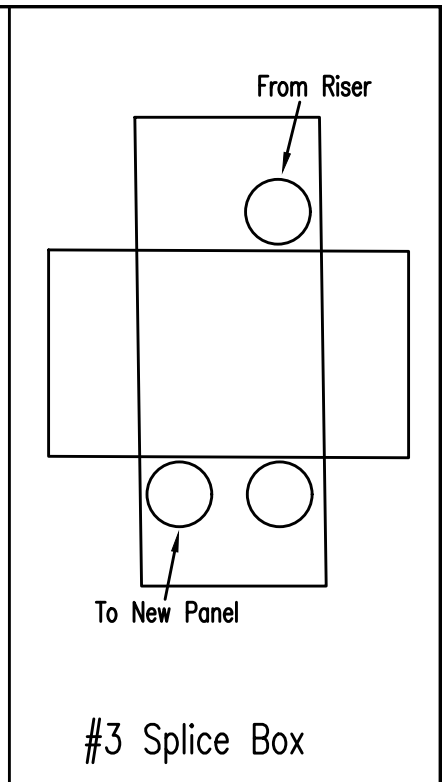
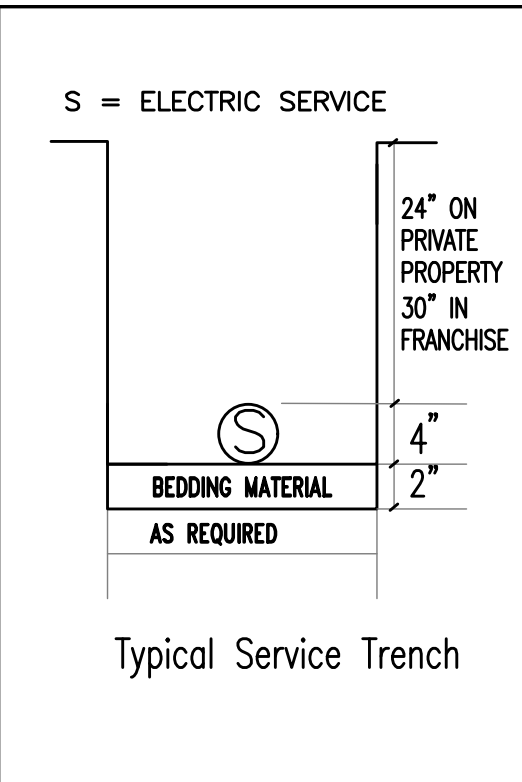
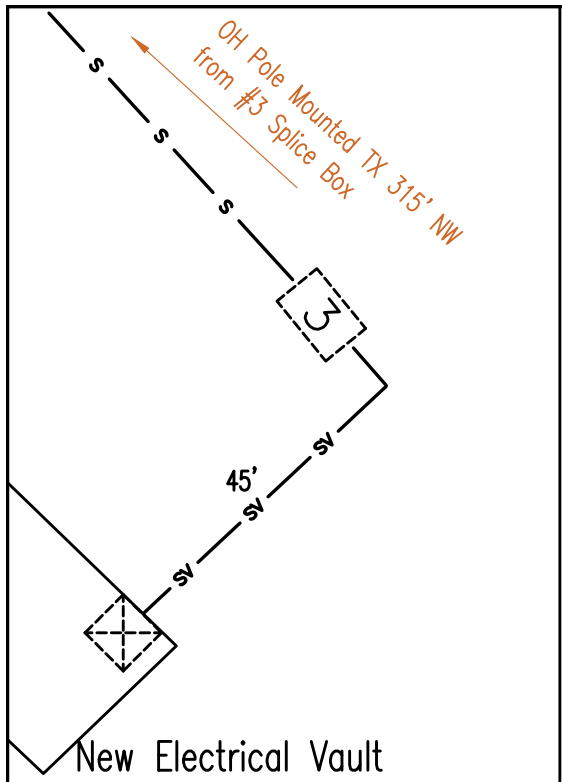
Attachments:

1. PG&E Substructure Drawing (1 page)

All RFI Requests were due by March 22nd, 2024 at 5:00 pm. The RFI submittal period is now closed. No further responses will be provided for any additional RFIs received after this date.

Updated as of **April 2, 2024, at 3:30 P.M.**

F:\Users\design\C3D\E5079000_HMB Airport Electrical Vault and Generator Project\14 Bid Process (in progress)\5_RFI



MINIMUM RADIUS BENDS

4" SERVICE CONDUIT = 3'-R, 3' HORIZONTAL

MINIMUM AND MAXIMUM COVER

4" SERVICE CONDUIT = 24" MIN. (NO TO EXCEED 60")

LEGEND

- sv- 1-4" CONDUIT BY APPLICANT
- ☒ 400 AMP 120/240V 1PH METER
- ☒ PG&E #3 Splice Box (#040942)

NOTES

CUSTOMER TO TRENCH, BACKFILL AND INSTALL ALL SUBSTRUCTURES.
 ALL PADS & ENCLOSURES MUST MEET REQUIREMENTS OUTLINED IN DOCUMENT 051122 REGARDING LOCATION CLEARANCES & MECHANICAL PROTECTION.
 CUSTOMER TO CALL PG&E FOR INSPECTION BEFORE BACKFILLING. TO SCHEDULE AN INSPECTION APPOINTMENT CALL (650) 598-7353.


NOTIFIED U.S.A

DATE: _____

TICKET #: _____

BY: _____

Underground Service Alert



Call: TOLL FREE
8 1 1

TWO WORKING DAYS BEFORE YOU DIG

NO APPARENT PG&E GAS CONFLICTS FOR THIS PROJECT
GAS PLATS: Map#

PRIMARY VOLTAGE: 12 kV	VOLTAGE AREA: 1
LATITUDE: 37.513134	LONGITUDE: -122.498086
SOURCE SIDE DEVICE: 8397	
SUB & CIRCUIT: HALF MOON BAY 1102	
DSGN SAG:	RAPTOR ZONE: YES
LOADING AREA: LIGHT	ARRESTER DIST: 3
CORROSION AREA: SEVERE	INSULATION DIST: AA
EXEMPT EQUIP. INST.:	FIRE AREA:

SUBSTRUCTURE

9850 CABRILLO HWY
HALF MOON BAY

811 Know what's below.
Call before you dig.

NO ENVIRONMENTAL
ISSUES

PG&E

EST: HIABU ABDELA	650-208-4394
ADE: KENNETH PEROTTI	650-598-7356
SUPV: WILFRED ALBOVIAS	415-695-3537
REP: LIZ FRIEDMAN	408-482-0607
PLNR:	
JPA#:	SCALE: 1"=100'
NOTIF: 124892675	DATE: 6/5/2023
PM: 35431178	SHEET: 1 OF 1 REV. 0