

**Request for Qualifications  
Aircraft Hangar Manufacturers**

Solano County – Nut Tree Airport (County) is seeking the best qualified and experienced company to supply manufactured steel aircraft T-Hangar buildings and a steel maintenance shop building for development and construction by the County at the Nut Tree Airport, Vacaville, California. The County is inviting interested and qualified hangar manufacturers to complete and submit the following questionnaire for consideration and evaluation of qualifications by the County.

**Completed questionnaires must be received by the County in a sealed envelope by no later than 5:00 P.M., January 17, 2018 at the following address:**

Nut Tree Airport  
301 County Airport Road, Suite 205  
Vacaville, CA 95688

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**Project Description -**

The T-Hangar project site is approximately 2-Acres. The project will involve 26 T-Hangar units contained within two buildings of approximately 15,400 square feet (14 units) and 13,200 square feet (12 units) for a total of 28,600 square feet. The approximate dimensions of the 14 unit T-Hangar building are 50'W x 315'L. The approximate dimensions of the 12 unit T-Hangar building are 50'W x 275'L. An additional 2,400 square foot airport maintenance shop building of approximately 40'W x 60'L will be included with the project and developed concurrently.

**Background -**

The County will be preparing design and construction plans for the T-Hangar project to 95%. The County will use project design plans, and design plans and specifications on the selected buildings, foundations and footings, for the purpose of the airport obtaining building permits on the project prior to solicitation of construction bids.

The selected T-Hangars and maintenance shop building will be specified and required for contractors to submit construction bids on the hangar project. Solicitation of construction bids is expected to occur in June 2018.

**Hangar Manufacturer Qualifications and Questionnaire -**

Please complete the following questionnaire. Please answer all questions only within the space provided. For the purpose of this questionnaire, "T-Hangar building" means a single building with multiple T-Hangar units contained under a single roof.

1. Please provide the company name, location and contact person, phone number and email address

Company Name \_\_\_\_\_ Contact Person \_\_\_\_\_

Location \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

2. Please identify the number of years that the company has produced T-Hangar buildings?  
\_\_\_\_\_ Years
3. Did the company produce T-Hangar buildings during the following years and periods:
  - a. 2017
  - b. 2016
  - c. 2010 - 2015
  - d. 1990 - 2009
4. How many T-Hangar buildings were produced by the company during the following years and period:
  - a. 2017 \_\_\_\_\_
  - b. 2016 \_\_\_\_\_
  - c. 2010 – 2015 \_\_\_\_\_
5. Please list the number of hangar units within each of the two (2) largest T-Hangar buildings produced by the company since and including 2016?  
\_\_\_\_\_ Units  
\_\_\_\_\_ Units
6. Please provide the name and contact information for two (2) airports that constructed T-Hangar buildings produced by the company for each of the following periods:
  - a. 2016 – 2017  
Airport Name \_\_\_\_\_  
Address \_\_\_\_\_  
  
Airport Name \_\_\_\_\_  
Address \_\_\_\_\_
  - b. 2010 – 2015  
Airport Name \_\_\_\_\_  
Address \_\_\_\_\_

Airport Name \_\_\_\_\_

Address \_\_\_\_\_

c. 1990 – 2009

Airport Name \_\_\_\_\_

Address \_\_\_\_\_

Airport Name \_\_\_\_\_

Address \_\_\_\_\_

7. Please provide the T-Hangar building construction year for the two (2) airports identified in 6.c. above.

a. \_\_\_\_\_

b. \_\_\_\_\_

8. Please identify up to two (2) airports located within 50 nautical miles of the Nut Tree Airport, Vacaville, CA, where T-Hangar buildings produced by the company were constructed? For each airport, please identify what year the T-Hangars were constructed.

Year Constructed \_\_\_\_\_ Airport Name \_\_\_\_\_

Address \_\_\_\_\_

Year Constructed \_\_\_\_\_ Airport Name \_\_\_\_\_

Address \_\_\_\_\_

9. Does the company produce steel maintenance shop buildings:

a. With the dimensions of 40 feet x 60 feet

b. Including roll-up access doors

c. Including a gable roof line

10. Does the company provide engineered T-Hangar building plans for the purpose of permitting and construction?

a. Can the company also provide engineered foundation and footing plans and specifications for the purpose of permitting and construction?

11. Are the company's building plans and specifications, and accompanying foundation and footing plans and specifications, approved and stamped by a California licensed architect or engineer, as applicable, satisfying California permitting and construction requirements and regulations?
12. Does the company design and produce T-Hangars with split sliding doors and an open width of 42 feet and an open height of 12 feet?
13. Does the company design and produce split sliding T-Hangar doors that are Top-Hung and that use top mounted wheel assemblies?
14. Does the company produce T-Hangar buildings in a variety of colors comparable to sandstone, tan and beige?
15. Does the company itself produce T-Hangar building components for assembly including:
  - a. steel framing
  - b. exterior and interior wall panels
  - c. split sliding T-Hangar doors
16. Does the company subcontract the production of split sliding T-Hangar doors to another manufacturer?
17. Are the T-Hangar buildings that are produced by the company designed with a gable roof line?
18. What gauge of steel is used by the company for T-Hangar buildings:
  - a. exterior wall panels and door panels \_\_\_\_\_
  - b. roof panels \_\_\_\_\_
  - c. interior wall partition panels \_\_\_\_\_
19. Please briefly describe the type, method and name of coating or treatment used on T-Hangar building exterior wall and roof panels? \_\_\_\_\_  
\_\_\_\_\_
20. Does the standard structural design strength for T-Hangar buildings, produced by the company, normally accommodate the weight/load of a single fire sprinkler water line installed longitudinally, within and along the center of the building, for the size and length of T-Hangar buildings described above?

21. Can the company adjust T-Hangar design plans to incorporate T-Hangar end unit spaces into:
  - a. Separate partitioned storage space
  - b. Separate partitioned space for improvement as a restroom facility
22. Please identify the company's manufacturer warranty term and the type of warranty for:
  - a. T-Hangar buildings \_\_\_\_\_
  - b. T-Hangar split-sliding doors \_\_\_\_\_
  - c. Basic maintenance shop building \_\_\_\_\_
23. Please identify the company's current unassembled per square foot sales price on T-Hangar buildings as described above including delivery? \$ \_\_\_\_\_/sq ft
24. Please identify the current manufacturing time in calendar days to produce and deliver T-Hangar buildings as described above commencing from the date of order and deposit confirmation? For the purpose of this question, assume that an order is confirmed and a deposit is received August 1, 2018. \_\_\_\_\_ calendar days
25. Please identify the normal assembly time in calendar days that can be expected for a 14 unit T-Hangar building produced by the company? Assume an installation crew size of six.  
\_\_\_\_\_ calendar days
26. Please reply Yes or No to the following questions regarding the T-Hangar buildings produced by the company.
  - a. Energy efficient
  - b. Long-life roof systems
  - c. Long useful-life split sliding doors
  - d. Low maintenance
  - e. Wide range of sizes
  - f. Reasonable initial cost
  - g. Can be dismantled and re-assembled
  - h. Easy installation
  - i. Modern low profile
  - j. Attractive multi-rib panels with baked-on colors
  - k. Computer designed and engineered

- l. In-plant manufacturing with continuous inspection
- m. Production-line manufacturing producing dimensional accurate parts
- n. Economical clear spans
- o. Easily insulated
- p. Fire resistant
- q. Sky lighting panels available

**Supplemental Information -**

Please attach supplemental relevant information regarding the company's qualifications. Up to two (2) supplemental information sheets are allowed.

Please attach two recent photographs of a T-Hangar building produced by the company.

**Manufacturer Evaluation and Selection -**

Evaluation and selection of the building manufacturer will be based on the responses, information and experience provided within the questionnaire and the two attached supplemental information sheets. The company's responses and the supplemental information will be scored and tallied. The airports identified above may be contacted for the top rated manufacturing company(s); and, field visits of the airports and existing T-Hangar projects that are identified above may be conducted as part of the County's evaluation and selection process.

December 19, 2017