

June 04, 2020

To: Plan Holders for Improvements to the
Monett Regional Airport
Pierce City, Missouri
Project No. 20-098B-1

Transmitted herewith is Addendum **No. 5** to the Issued for Bid Contract Documents, Specifications and Plans dated May 18, 2020 for Improvements to the Monett Regional Airport.

Schedule I – Earthwork and Grading for Relocation of Runway 18/36

Sincerely,

Jviation, Inc.



Mark J. Lovato, P.E.
Project Manager



**ADDENDUM NO. 5
TO
CONTRACT DOCUMENTS, SPECIFICATIONS AND PLANS
FOR IMPROVEMENTS TO THE
MONETT REGIONAL AIRPORT
PIERCE CITY, MISSOURI
PROJECT NO. 20-098B-1**

To All Bidders: You are requested to make all changes and/or additions contained in this addendum to the Bidding Documents. Failure to acknowledge this Addendum in Proposal shall result in rejection of bid. Bidders are informed that the above referenced Contract Documents, Specifications and Plans are modified as follows as of June 04, 2020:

1. QUESTIONS

1. Follow up: This is not an acceptable answer. At a minimum the Contractor needs to be provided with the location and fill heights where wick drains are required. Please explain how equipment and hauling methods that are utilized would affect the design of a wick drain system. Wick drains and sand blankets are a very site specific and design intensive construction method for dealing with specific geotechnical concerns with a wide array of construction and the potential to be a significant cost. A contractor cannot be expected to price a drain system without specific performance criteria or construction details indicating a scope of services that you will require under this contract. Aside from that fact, wick drains are not a common construction in this area of Missouri. Are there specific settlement concerns that these drains are intending to remedy?
 - a. Wick drains will be designed by Jviation and placed by the awarded Contractor prior to the placement of fill. The wick drains and associated sand blanket will **not** be included with this Bid. A Change Order for the installation of this feature will be completed prior to the start of Construction.
2. Follow up: In the areas not receiving topsoil, is the Contractor to place the unclassified fill to the finish grades shown on the plans (rather than hold grades down 6" to accommodate topsoil)? Additionally, the contractor is responsible for submitting a SWPPP and for prosecuting the work in an acceptable manner under the Land Disturbance Permit. If the area associated to the future pavement of the proposed runway and taxiways, as well as the stockpile area are left without topsoil and seed/mulch, will the Engineer or the City take responsibility for closing the project out with the proper authorities under the LDP?
 - a. Contractor is to place the unclassified fill to the finished grades shown on the plans in the areas of the future runway and taxiways, rather than holding grades down 6". These areas will not require seeding and mulching. Jviation will take responsibility for closing the project out with the proper authorities under the LDP.

3. Follow up: This is not an acceptable answer. We have a limited amount of time prior to the bid date to price the scope of work as shown on the plans and described in the specifications. A contractor cannot be expected to lump sum price an item of work with an unknown scope. Who do we coordinate with to be given access to the structures to perform pre-demolition surveys? If the surveys/hazmat testing cannot be performed prior to the bid, will there be a cost adjustment to the contract item if hazardous material/asbestos is found after the bid, prior to demolition?
 - a. Jviation will coordinate the asbestos study of the existing structures that are shown to be demolished. The Contractor is to provide a cost for demolition of these structures with this Bid, without associated remediation costs. A Change Order, if required, for the remediation will be completed prior to the start of Construction.

4. What is the rate per acre of wood cellulose mulch and tackifier?
 - a. Acceptable mulch shall be the materials listed below or any approved locally available material that is similar to those specified. Mulch shall be free from noxious weeds, mold, and other deleterious materials. Mulch materials, which contain matured seed of species that would volunteer and be detrimental to the proposed overseeding, or to surrounding farmland, will not be acceptable. Straw or other mulch material which is fresh and/or excessively brittle, or which is in such an advanced stage of decomposition as to smother or retard the planted grass, will not be acceptable.
 - i. Hay. Hay shall be native hay in an air-dry condition and of proper consistency for placing with commercial mulch blowing equipment. Hay shall be sterile, containing no fertile seed.
 - ii. Straw. Straw shall be the stalks from threshed plant residue of oats, wheat, barley, rye, or rice from which grain has been removed. Furnish in air-dry condition and of proper consistency for placing with commercial mulch blowing equipment. Straw shall contain no fertile seed.
 - iii. Hay mulch containing seed. Hay mulch shall be mature hay containing viable seed of native grasses or other desirable species stated in the special provisions or as approved by the RPR. The hay shall be cut and handled so as to preserve the maximum quantity of viable seed. Hay mulch that cannot be hauled and spread immediately after cutting shall be placed in weather-resistant stacks or baled and stored in a dry location until used.
 - iv. Manufactured mulch. Cellulose-fiber or wood-pulp mulch shall be products commercially available for use in spray applications.
 - v. Mulch material shall be furnished, hauled, and evenly applied on the area shown on the plans or designated by the RPR. Straw or hay shall be spread over the surface to a uniform thickness at the rate of 2 to 3 tons per acre (1800 - 2700 kg per acre) to provide a loose depth of not less than 1-1/2 inches (38 cm) nor more than 3 inches (75 mm). Other organic material shall be spread at the rate directed by the RPR. Mulch may be blown on the slopes and the use of cutters in the equipment for this purpose will be permitted to the extent that at least 95% of the mulch in place on the slope shall be 6 inches (150 mm) or more in length. When mulches applied by the blowing method are cut, the loose depth in place shall be not less than one inch (25 mm) nor more than 2 inches (50 mm).

5. Does the silt fence require wire backing?
 - a. Silt fence shall consist of polymeric filaments which are formed into a stable network such that filaments retain their relative positions. Synthetic filter fabric shall contain ultraviolet ray inhibitors and stabilizers to provide a minimum of six months of expected usable construction life. Silt fence shall meet the requirements of ASTM D6461.

6. I couldn't find a specification on the erosion control blanket. What type are you requiring?
 - a. Erosion Control Blankets shall be Type II that is composed of 100% weed free agricultural straw.
7. Where are the wick drain(s) to be installed? Is it the entire "fill" area or other?
 - a. See answer to question number 1 above.
8. What is the requirement for the sand blanket?
 - a. See answer to question number 1 above.
9. What is the minimum requirement for quantity of wick drains, size of the drains, layout of the drains?
 - a. See answer to question number 1 above.
10. Is the Contractor expected to have an Engineer design this system prior to beginning work?
 - a. See answer to question number 1 above.
11. Is controlled burning permitted onsite for clearing and grubbing operations?
 - a. Controlled burning will **not** be allowed for clearing and grubbing due to the proximity to the runway's approach and departure surfaces.
12. Could you provide specific requirements for bid submission? Per the bid specifications, section B-1-B-37 are required to be submitted with the bid, what is the necessity of furnishing the contract related documents including performance and payment bond information?
 - a. The Contract Agreement, Performance and Payment Bond will be required by only the Contractor that is Awarded the project. Please note that all Contractors shall submit sections **B-1 through B-24 including the Bid Proposal Sheets.**
13. Both the response noted in addendum 4 as well as the geotechnical report provided insufficient information to develop a wick plan and monitoring program. The contractor should be provided the proposed wick area, anticipated wick depths, anticipated or expected rate of consolidation, and proposed wick drain configuration. Will Jviation consider providing additional information to support the contractor in developing a wick drain and monitoring program?
 - a. See answer to question number 1 above.
14. I have another question. For the detention outlet control structures (shown on Shts. C650 – C652), the plans note a "CLOSE MESH FRAME AND GRATE (DEETER 3237 OR APPROVED EQUAL)". The Deeter 3237 has an outside dimension of 34" x 34" (nominal) and thus would need to be set in a precast top to fit onto that box. We assume a 6" top would be acceptable. However, the drawings appears to indicate a grate which extends over the entire inside span of the structure. Please confirm a single Deeter 3237 is desired for this application and a 6" top is acceptable. If it desired to have the entire top grated, I spoke with our Neenah rep., and he recommended the R-4990-OX (see attached shop drawing).
 - a. The design intent is to have the entire top grated, the R-4990-OX or approved equal is acceptable.

Questions will be accepted via written email format only to Jviation, Inc. (Mark.Lovato@jviation.com) until Thursday June 4, 2020 at 5:00 p.m. (CST).

**** END OF ADDENDUM NO. 5 ****