

MEMO

APPROVED
09/20/2021



DATE: September 15, 2021

FROM: Megan L. Blackford
Assistant Procurement Director 

TO: Board of County Commissioners

SUBJECT: Amendment 2 – Professional Engineering Consultants, P.A.

Submitted for your approval and execution is the attached Amendment 2 to the engineering services agreement between the Board of County Commissioners on behalf of the Tulsa County Engineering Department and Professional Engineering Consultants, P.A. for 91st Street South from US Highway 75 to Elwood Avenue, which was originally approved and executed on May 07, 2018, CMF# 244556.

This amendment modifies the scope of services to include additional hydrologic and hydraulic analysis of the reinforced concrete box culvert, revision of the culvert design, revision of wingwall design, and revision of road profile based on the levee recertification analysis as further described in the attached. This amendment increases the original contract amount by \$15,500.00 for a new total contract amount of \$349,950.00.

Respectfully submitted for your approval and execution.

MLB

SUBMITTED FOR: The September 20, 2021 BOCC meeting agenda.

CMF# 20212118

APPROVED
09/20/2021



September 13, 2021

Alex Mills, P.E., CFM
Tulsa County
500 South Denver, Floor 3
Tulsa, OK 74103

Attention: Alex Mills, P.E., CFM

Reference: 91st Street South from US Highway 75 to Elwood Avenue
Supplemental Agreement No. 2
Original Contract Date: May 7, 2018
PEC Project No. 435-170465-001-7467

Dear Mr. Mills:

This Supplemental Agreement by Professional Engineering Consultants, P.A. (ENGINEER) modifies the referenced Agreement, and any other previous Supplemental Agreements as may be noted herein.

A. Modification of Scope:

1. Provide additional hydrologic and hydraulic analysis of reinforced concrete box culvert crossing at Hager Creek based on levee recertification analysis, including size transition from 10' x 6' to 6' x 6'. (\$7,350, see attached SA2 – Exhibit A)
2. Revise reinforced concrete box culvert design to include 10' x 6' to 6' x 6' transition based on updated hydrologic and hydraulic analysis as outlined above. (\$3,650)
3. Revise wingwall design and details for truncation per COUNTY request. (\$1,500)
4. Revise road profile based on information provided as a result of the levee recertification analysis; reduce the length and height of retaining wall required east of levee; reduce amount of fill material required over levee; improve sideroad and entrance tie-in slopes east of levee. (\$3,000)

B. Time of Performance:

1. Final review plans to be completed on or before 9/14/2021. Bid documents to be completed upon a mutually agreed upon schedule.

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Mr. Alex Mills, P.E., CFM
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C. Payment Provisions:

1.	Original Contract amount	\$ 314,800.00
2.	Net change by previous Supplemental Agreement(s)	\$ 19,650.00
3.	The contract amount will increase by this Supplemental Agreement in the amount of	<u>\$ 15,500.00</u>
4.	The new contract amount including this Supplemental Agreement will be	\$ 349,950.00


Sincerely,
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.

Benjamin M. Mabry, P.E.
Principal, Municipal Transportation Division Manager

TPA:krp

ACCEPTED:

TULSA COUNTY

By:  _____

Stan Sallee, Chairman, Board of County Commissioners of the County of Tulsa

Title: _____

Date: 09/20/2021

Approved as to form:

James G. Rea Digitally signed by James G. Rea
Date: 2021.09.15 16:18:17 -05'00'

Assistant District Attorney

Attest:  _____

Michael Willis, County Clerk





April 23rd, 2021

Chuck Mitchell, PE
PEC

Dear Chuck,

Meshek & Associates, LLC, appreciates the opportunity to submit a supplemental request to cover the tasks that have already been completed that were outside of our original scope.

Additional Scope Items

Alternative Analyses

Our original scope included up to 3 alternatives to be analyzed for the new box structure. Several different scenarios were discussed and multiple alternatives for each of the scenarios were analyzed. This included multiple road profiles, multiple box flowlines, and multiple box sizes to minimize the loss of floodplain storage.

The following summarizes the fees needed to cover the additional scope items that have already been completed as part of the box analysis.

Additional Scope Items \$ 7,350

If you have any questions or need any additional information, please contact me. We appreciate your consideration of this request.

Sincerely,

Chris Duncan, PE, CFM
H&H Department Manager

