



City of Moore Oklahoma

301 N. Broadway, Moore, OK 73160 | (405) 733-5000 | www.cityofmoore.com

NOTICE TO PROCEED

Date: 11/18/2015

To: Meshek & Associates

Project: I-15-W-LMA, Little River Park & Channel

The City of Moore has considered the budget submitted by you for the above reference project.

You are hereby notified the budget has been accepted in the amount of \$149,200.00.

You are required to return an acknowledged copy of Notice To Proceed to the City of Moore.

Dated this 18 day of November, 2015.

By: [Signature]

ACCEPTANCE OF NOTICE

Receipt of the foregoing Notice to Proceed is hereby acknowledged

by Benjamin W Fletcher, this 23rd day of November, 2015.

By: [Signature]

Title: Manager

Task Order # 3

Engineering Firm: Meshek & Associates

Project Number: I-15-W-LMA

11/17/15

Project Name: Little River Park and Channel

1.0 Project Description: Drainage improvements along Little River including Detention Ponds and Channel Improvements

2.0 Scope/Objective & Deliverables:

- Boundary and Topographical survey
- Hydrologic and Hydraulic analysis proposed developments, detention ponds and channels
- Permit coordination, including Section 404 of the Clean Water Act
- Development of up to 3 alternatives for detention ponds and channels with enough storage volume to offset proposed developments
- Project review and coordination meetings as required
- Conceptual design report
- 30% design plans for all improvements
- Conceptual cost estimate

2.1 Pond and Channel Design:

- Recently completed master drainage plan models will be used to establish the existing condition. Proposed development conditions and floodplain changes will be modeled and used to design the project so that there is no increase in Base Flood Elevation as a result of the project.
- Pond and channel alternatives will be analyzed for cut/fill volumes, to identify footprint areas to insure compliance with all environmental permitting, and to achieve the overall aesthetic goals of the redevelopment plan for this area.
- 30% design plans shall include:
 - Cover sheet
 - Typical sections
 - Conceptual pond grading sheets (for selected alternative)
 - Conceptual channel and utility plan and profile sheets
 - Conceptual cross-sections
 - Drainage report summarizing the hydrology and hydraulic findings.

2.2 Survey and Mapping: Boundary and topographic survey will be performed for the entire project area.

2.3 Environmental Permitting: Will be provided by Blackbird Environmental – Services to include:

- Preparation of a Clean Water Act, Section 404 Nationwide and/or Individual Permit application including a preliminary jurisdictional determination, summary biological evaluation, avoidance and minimization summary, a comprehensive mitigation plan, and an evaluation of direct and indirect impacts.

2.4 It is understood that additional Right-of-Way will not be required.

2.5 Storm sewers within the project corridor will be designed to convey the 1% annual chance storm.

2.6 The full extent of water and sanitary sewer improvements required for this project is not known at this time, but will be identified in the conceptual design report.

3.0 Applicable Documents. Map attached.

4.0 Reports.

Monthly Status Report (MSR). The Contractor shall prepare a Monthly Status and email to Jared Jakubowski and Kahley Gilbert on the final day of each month.

5.0 Schedule.

- Prepare Survey 11/20/2015-1/3/2016
- Conceptual Design 11/20/15-10/14/2016
- Permit Preparations and
H & H Modeling 11/20/2015-12/19/2015
- Governmental Review 12/20/2015-5/17/2016
- Conceptual Pond &
Channel Grading 12/20/2015-2/17/2016
- Prepare Conceptual Report 2/18/2016-4/17/2016
- Permit Responses 5/18/2016-7/16/2016
- Permit Approval 7/17/2016-10/14/2016

6.0 Budget

- Survey: \$38,940.00
- Design Services: \$80,260.00
- Environmental Services: \$30,000.00
- **Total Engineering Fee: \$149,200.00**