

COUNCIL ACTION FORM

SUBJECT: TEAGARDEN AREA DRAINAGE IMPROVEMENTS (AMENDMENT # 1)

BACKGROUND:

This annual program provides for stabilization of areas that have become eroded in streams, channels, swales, gullies, or drainage ways that are part of the storm water system. This program provides a more permanent control of the erosion and will reduce recurring maintenance costs in these areas.

The City contracted for Consulting Services with Bolton & Menk Inc. for the design of the Teagarden Area Drainage Improvements in an amount not to exceed \$69,500. This agreement was made in August 26, 2016. Bolton & Menk Inc. has submitted a 60% design completion draft plan for the City staff to review. **At the time of the plan review earlier this year, the City staff contacted the two properties owners where the improvements are planned and found out one of the properties was sold during the permit development process. The current owner disagrees with the chosen design solution.**

The additional professional services fee is a result of a change to the chosen design solution to accommodate the needs of the new property owner. In providing agreement for acquiring the necessary easements on the property, the new owner requested a new design solution be considered. New design solutions were developed and reviewed with the owner, and an agreed upon solution has been chosen to move forward with. Below is the additional scope of work.

A. Revised Design Solution Preliminary & Final Design - \$10,750

Preliminary and Final Design work will be performed for the revised design solution. Preliminary and Final plans will conform to the requirements of the City of Ames, Iowa Stormwater Management Manual, and SUDAS Specification requirements. Revised plans will be reviewed with City of Ames staff at 60% and 95% completion stages.

B. Revised Design Solution Hydraulic Evaluation - \$3,500

The hydraulic evaluation of the revised design solution will include assessing the surcharging of the existing cunette pipe, evaluation of a No-Rise condition, revisions to the Iowa DNR Permit, and size and shape of the revised sedimentation basin. This task will also include the evaluation of replacing the existing crossing.

C. Revised Design Solution Permitting, Correspondence, and Project Management - \$4,000

This task will include revision and re-submittal of the Flood Plain Development Permit, correspondence with the Iowa DNR about the revised design solution, communication with Iowa DNR biologist regarding wildlife impacts, and overall project management.

D. Permanent Easement Documents for Larson and McAndrews property - \$3,250

This task will provide all field work and survey documents for the securing easements over the affected properties.

Total additional professional services fee = \$21,500

This project is programmed in the Capital Improvements Plan with funding in the amount of \$316,937 in Storm Sewer Utility funds, and \$503,063 in G.O. Bonds **for total funding of \$820,000.**

ALTERNATIVES:

1. Approve the amendment to the engineering services agreement for the Teagarden Area Drainage Improvements with Bolton & Menk, Inc., of Ames, Iowa, in an amount not to exceed \$21,500.
2. Direct staff to renegotiate further with Bolton & Menk.

MANAGER'S RECOMMENDED ACTION:

The design needs to be modified to meet the needs of the new property owner. Without doing so, property rights to construct the project will not likely be obtained in a cooperative manner. By approving this amendment, it will be possible to proceed with the design of the project with the goal of a February letting. Any delay of approving this amendment, will push the project back, potentially for another year. This type of project needs to be constructed during Winter/Spring season.

Therefore, it is the recommendation of the City Manager that the City Council adopt Option No. 1 as described above.