

SULTAN CITY COUNCIL
AGENDA ITEM COVER SHEET

Date: November 8, 2007

Agenda Item #: C-12

SUBJECT: Sultan Basin Road Widening and Water Line Installation

CONTACT PERSONS: Director of Community Development Cisar
 City Engineer Stack

ISSUE: The issue before the City Council is to authorize the Mayor to sign an addendum to the professional services agreement with Nelson Geotechnical to provide additional soil borings for the Sultan Basin Road widening project.

This information will assist the City Engineer in completing alternative wall designs for the widening of Sultan Basin Road and extend the sidewalk to connect from the Timber Ridge project to the Sultan Basin Road Realignment Project.

STAFF RECOMMENDATION: Authorize the Mayor to sign contract Addendum # 4 to Nelson Geotechnical's service contract.

BACKGROUND: On August 28, 2007, the City opened bids for the Basin Road Widening. Only two bids were received which featured a soldier pile wall for the widening and were substantially over the engineer's estimate and the funds budgeted for the work. The City Council agreed to reject all bids and authorized the City Engineer to re-bid the work with alternative type walls. The test borings to be provided by Nelson Geotechnical will provide necessary information for this redesign. This re-bidding should result in a substantial reduction in the cost of the project.

SUMMARY STATEMENT: The approach to the road widening is to add alternatives consisting of a ecology type block wall with tie-backs or possibly a Hilfiger design wall. In order to provide a design for bidding purposes additional soil borings are necessary to identify what soils exist in the existing road shoulder.

The schedule is complete the alternative design this winter and call for bids for the work in the spring of 2008.

FISCAL IMPACTS: The requested budget for the Nelson services is \$6,900. It is expected that 75% of the funds will be expended in 2007 and the remainder in 2008. Funds for this project come from traffic mitigation fees.

SUGGESTED MOTION: I move the Council authorize the Mayor to sign Addendum # 4 to Nelson Geotechnical Associates, Inc, contract, in an amount not to exceed \$6,900.

ATTACHMENTS:

ATTACHMENT A – Nelson Geotechnical Scope of Work



COUNCIL ACTION: _____

Action Date: _____

**FOURTH ADDENDUM
BY AND BETWEEN THE CITY OF SULTAN AND
NELSON GEOTECHNICAL ASSOCIATES, INC.**

THIS Fourth ADDENDUM is made by and between the City of Sultan (hereinafter referred to as "City"), a Washington Municipal corporation, and Nelson Geotechnical Associates, Inc (hereinafter referred to as "Service Provider") collectively the "Parties".

WHEREAS, on November 5, 2003, the Parties entered into that certain Agreement for Services ("Agreement") for the provision of Geotechnical/Geological Services and

WHEREAS, the Service Provider has successfully completed the assigned tasks as amended; and

WHEREAS, the City desires to extend the services to include additional work of an geotechnical/geological nature; and

WHEREAS, the City desires the Service Provider to provide services in conjunction with the redesign of the Sultan Basin Road Widening Project as described in attached Exhibit A;

NOW THEREFORE,

IN CONSIDERATION OF the mutual promises, terms and conditions set forth in the Agreement and contained herein, the Parties hereby agree as follows:

Section 1. Amendment Services Description of the Agreement. Project Services Description of the Agreement is hereby revised to provide in its entirety as follows:

Geotechnical/Geological Services in conjunction with the City's Sultan Basin Road Widening and general assistance to the City in other areas as approved by the City Engineer.

Section 2. Amendment of the time of service:

The time of service for this agreement will be in effect from November 1, 2007 through October 31, 2008.

Section 3. Amendment of Maximum Payable:

The maximum payable under this extended agreement shall be \$6,900.

Section 4. Effect of Addendum. This 4th Addendum is in addition to the Agreement. Except as otherwise provided herein, the provisions of this 4th Addendum modify, but do not supersede the provisions of the Agreement. Except as otherwise provided herein, each provision of the Agreement shall continue in full force and effect as if this 4th Addendum did not exist. Except as otherwise provided herein, capitalized words and phrases shall have the meanings ascribed to them in the Agreement.

IN WITNESS WHEREOF, the parties have caused this Addendum to be signed and executed this _____ day of _____, 2007.

CITY OF SULTAN:

By: _____
Mayor

CONTRACTOR:

By: _____
Title: _____
Taxpayer I D Number: _____
Address: _____
Phone: _____

ATTEST/AUTHENTICATED:

By: _____
City Clerk

APPROVED AS TO FORM:

By: _____
Office of the City Attorney

ATTACHMENTS: EXHIBIT A, Letter Proposal, dated October 15, 2007.



**NELSON GEOTECHNICAL
ASSOCIATES, INC.**
GEOTECHNICAL ENGINEERS & GEOLOGISTS

Main Office
17311 - 135th Avenue NE, A-500
Woodinville, WA 98072
(425) 486-1669 FAX (425) 481-2510
(425) 337-1669 Snohomish County

Engineering-Geology Branch
437 East Penny Road
Wenatchee, WA 98801
(509) 665-7696 FAX (509) 665-7692

October 15, 2007

Mr. Jon Stack
City of Sultan
319 Main Street
Sultan, WA 98294

Proposal for Geotechnical Services
Sultan Basin Road Wall
Sultan, Washington
NGA File No. 7409B06

Dear Mr. Stack:

We are pleased to submit this proposal for a subsurface geotechnical investigation and evaluation of the Sultan Basin Road Wall project in Sultan, Washington.

INTRODUCTION

We have previously provided a design letter for the wall titled "Shoring Wall Design Letter, Timber Ridge Estates - Sultan Basin Road," dated November 10, 2006. The wall is intended to support the planned widening of the road. The previous design called for a soldier pile wall. We understand that you now would like to consider a reinforced earth wall in lieu of the soldier pile wall. This approach will likely require excavating into the existing roadway embankment. Traffic control along with temporary cut stability concerns will have to be considered.

SCOPE

We propose to explore the site subsurface conditions within the roadway embankment with geotechnical borings. The explorations will be located in the field by an engineer or geologist from NGA who will examine and classify the soil encountered, log the explorations, and obtain soil samples. We expect the information that will be obtained from the explorations should be sufficient to allow us to complete the geotechnical evaluation.

Based on our discussions with you, the services to be provided by NGA will include:

1. Review our previous work for this project.
2. Explore the site subsurface soil and groundwater conditions with three 30-foot deep geotechnical borings using a truck-mounted drill rig. Drill rig to be subcontracted by NGA.
3. Perform laboratory classification and analyses on selected soils samples obtained in the explorations, as necessary.
4. Provide recommendations for temporary and permanent slopes.
5. Provide recommendations for wall subgrade preparation.
6. Provide recommendations for wall design, and installation.
7. Provide recommendations for site drainage and erosion control.
8. Document the results of our explorations, findings, conclusions, and recommendations in a geotechnical engineering letter.

TERMS AND SCHEDULE

The professional services listed above will be performed in accordance with our GENERAL CONDITIONS, which is attached to this proposal. Our charges for the above scope of work will be a lump sum of \$6,900 including the cost of the subcontracted drill rig. Additional services beyond the above scope that are authorized by you will be completed on a time and materials basis in accordance with our May 2006 STANDARD FEE SCHEDULE, which is also attached to this proposal.

As part of our services, we will be in contact with you and your design professionals during our work regarding design impacts resulting from our findings and recommendations. It is our intent to try to answer most of the questions with informal telephone conversations and then incorporate that information into the report. This is intended to minimize iterations of review comments. This proposal does not include costs related to services, meetings, specific design, or interaction with the City of Sultan after the geotechnical report has been issued. This proposal also does not include costs for plan review or construction monitoring services. We can provide separate cost estimates for any additional services, if desired.

We will contact the toll-free underground locating service for the purpose of locating any utilities that may exist in the roadway. NGA is not responsible for damage to underground utilities as a result of the

Proposal for Construction Monitoring Services
Sultan Basin Road Shoring Wall
Sultan, Washington
NGA File No. 7409B06
October 15, 2007
Page 3

subsurface explorations.

We expect to perform our fieldwork within one week of your authorization to proceed. The geotechnical report should be available to you within about two to three weeks after the fieldwork has been completed.

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AUTHORIZATION TO PROCEED

We appreciate the opportunity to submit this proposal, and are looking forward to working with you on this project. If this proposal meets with your approval, please sign the spaces provided below and return one copy to serve as your authorization for us to proceed.

Sincerely,

NELSON GEOTECHNICAL ASSOCIATES, INC.



Khaled M. Shawish, PE
Principal

**Client/Owner Authorized
Signature**

(typed or printed name)

Billing Address:

Phone No.: _____

Fax No.: _____

E-Mail: _____

Date: _____

BD:KMS:kmn

Attachments: GENERAL CONDITIONS and May 2006 STANDARD FEE SCHEDULE