



# CITY OF NORTH SALT LAKE

## CITY COUNCIL MEETING - SPECIAL NOTICE & AGENDA JUNE 30, 2020

Posted June 29, 2020

Notice is given that the North Salt Lake City Council will hold a special meeting on **JUNE 30, 2020** at 6:00 pm via electronic video conference. The following items of business will be discussed; the order of business may be changed as time permits.

### SPECIAL SESSION - 6:00 p.m.

1. Introduction
2. Consideration of proposed award of bid for the repair of the Eaglepointe landslide.
3. Consideration of three contracts for services with Geosyntec to provide engineering and consulting services to the City related to the construction of the Eaglepointe landslide repair project:
  - a. Eaglepointe Engineer of Record (EOR) Proposal
  - b. Eaglepointe Construction Quality Assurance (CQA) Proposal
  - c. Eaglepointe Project and Construction Management (PM-CM) Proposal
4. Adjourn

This meeting will be held via Zoom. Members of the public are invited to listen to the meeting at the following link:

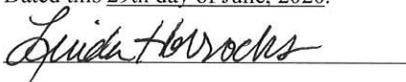
<https://us02web.zoom.us/j/81442064710?pwd=V2pxTUtHeEpiZC9ZeC83YSsvMWxGZz09>

Questions for the governing body may be submitted ahead of time to [lindah@nslcity.org](mailto:lindah@nslcity.org).

#### Notice of Posting:

I, the duly appointed City Recorder for the City of North Salt Lake, hereby certify that the foregoing agenda was posted on the Utah Public Notice website, at city hall, and sent to the required newspapers this 29th day of June, 2020.

Dated this 29th day of June, 2020.







# CITY OF NORTH SALT LAKE

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10 East Center Street  
North Salt Lake, Utah 84054  
(801) 335-8700  
(801) 335-8719 Fax

Len Arave  
Mayor

Ken Leetham  
City Manager

## MEMORANDUM

**TO:** Honorable Mayor and City Council

**FROM:** Ken Leetham, City Manager

**DATE:** June 30, 2020

**SUBJECT:** Proposed award of bid for the repair of the Eaglepointe landslide

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### RECOMMENDATION

I recommend approval of the award of bid for the repair of the Eaglepointe landslide to BHI in the fixed amount of \$1,800,000.

I also recommend approval of the award of bid for three contracts for consulting and management services to Geosyntec in the amount of \$410,000.

### BACKGROUND

The two proposed actions authorize all of the approvals and contracts needed to complete the repair of the Eaglepointe landslide and carry out the directives of the settlement agreement related to the ending of all claims arising out of litigation due to the landslide. As a reminder, the funds for these proposals, a total of \$2,210,000 come from the settlement funds already set aside for these purposes. The City will not be expending any of its funds in order to complete this project.

The City went through a formal bidding process in order to select each of the firms which will be awarded the proposed contracts. BH, Inc. is the low bidder out of six contractors (see attached bid tabulation) for the construction work. The reason that their bid is \$1,800,000 and not the bid shown in the attached bid tabulation is because the settlement agreement indicates that the bids will be for a not-to-exceed price and, unfortunately, we erred and sent out a bid document that called for a traditional bid response. This has been corrected, with the help of legal counsel, and we now have a fixed price bid from the low bidder that we wish to accept. We think this is a great price and is still \$700,000 lower than the Engineer's estimate for the project. This price also fits within the terms of the settlement agreement which contemplated a total construction cost of \$2,200,000.

The second action is approval of three contracts with Geosyntec Consultants, Inc. This firm was also selected through a bidding process that took place earlier this year. Geosyntec designed the final design of the repair and has proposed the three contracts necessary to assist the City in completing the landslide repair. These costs were also anticipated in the settlement agreement and will be paid from

funds set aside in the agreement.

The project will take approximately four months to complete and will result in the City owning the entire property upon which the repair is located. Approval of this bid and its accompanying contracts also releases all claims against the City related to the landslide.

### **PROPOSED MOTIONS**

- 1) I move that the City Council award to BH, Inc., the contract for services for the completion of the Eaglepointe landslide repair project in a fixed price amount of \$1,800,000 and for work described in their submitted bid document with the condition that all parties to the Settlement Agreement comply with their respective obligations found in the Agreement.
  
- 2) I move that the City Council approve the three contracts for services with Geosyntec which provide engineering and consulting services to the City related to the construction of the Eaglepointe landslide repair project in a total amount of \$410,000 and with the condition that the project move forward consistent with the bid award to BH, Inc.

Those contracts are:

- a. Eaglepointe Engineer of Record (EOR) Proposal
- b. Eaglepointe Construction Quality Assurance (CQA) Proposal
- c. Eaglepointe Project and Construction Management (PM-CM) Proposal

Eaglepointe Landslide Repair  
Bid Sheet

Item	Item Description	Unit	Estimated Quantity	BHI		Wollam		PJF		Salt Lake Excavating		Green		MC Green & Sons	
				Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
1	Mobilization/Demobilization	LS	1	\$ 80,850	\$ 80,850	\$ 130,000	\$ 130,000	\$ 13,200	\$ 13,200	\$ 50,470	\$ 50,470	\$ 16,500	\$ 16,500	\$ 173,700	\$ 173,700
2	Traffic Control	LS	1	\$ 23,450	\$ 23,450	\$ 14,500	\$ 14,500	\$ 17,600	\$ 17,600	\$ 15,284	\$ 15,284	\$ 22,500	\$ 22,500	\$ 14,330	\$ 14,330
3	SWPPP/Temporary Erosion Control	LS	1	\$ 59,975	\$ 59,975	\$ 15,700	\$ 15,700	\$ 25,300	\$ 25,300	\$ 20,847	\$ 20,847	\$ 25,600	\$ 25,600	\$ 21,330	\$ 21,330
4	Site Demolition	LS	1	\$ 166,850	\$ 166,850	\$ 54,000	\$ 54,000	\$ 71,080	\$ 71,080	\$ 128,938	\$ 128,938	\$ 86,800	\$ 86,800	\$ 97,011	\$ 97,011
5	Abandon Inclinator GSH-5	LS	1	\$ 3,525	\$ 3,525	\$ 10,000	\$ 10,000	\$ 3,850	\$ 3,850	\$ 6,000	\$ 6,000	\$ 9,800	\$ 9,800	\$ 16,980	\$ 16,980
6	Demolition Trucking & Disposal	LS	1	\$ 11,950	\$ 11,950	\$ 31,300	\$ 31,300	\$ 24,200	\$ 24,200	\$ 20,458	\$ 20,458	\$ 110,000	\$ 110,000	\$ 57,386	\$ 57,386
7	Site Clearing	LS	1	\$ 34,400	\$ 34,400	\$ 19,300	\$ 19,300	\$ 14,135	\$ 14,135	\$ 6,000	\$ 6,000	\$ 57,386	\$ 57,386	\$ 23,720	\$ 23,720
8	Key Excavation	CY	7,500	\$ 3,64	\$ 27,300	\$ 5,35	\$ 40,125	\$ 6,00	\$ 45,000	\$ 7,23	\$ 54,225	\$ 25,64	\$ 192,300	\$ 35,87	\$ 269,025
9	Key Drain Pipe	LF	440	\$ 19,50	\$ 8,580	\$ 42,00	\$ 18,480	\$ 40,00	\$ 17,600	\$ 45,25	\$ 19,910	\$ 38,30	\$ 16,852	\$ 111,00	\$ 48,840
10	Key Strip Drains	LF	400	\$ 8,17	\$ 3,268	\$ 25,00	\$ 10,000	\$ 25,00	\$ 10,000	\$ 32,00	\$ 12,800	\$ 20,00	\$ 8,000	\$ 97,70	\$ 39,080
11	Fill Placement and Grading	CY	33,800	\$ 2,86	\$ 96,668	\$ 7,90	\$ 267,020	\$ 10,00	\$ 338,000	\$ 5,97	\$ 201,786	\$ 17,92	\$ 605,696	\$ 33,93	\$ 1,146,834
12	Soil Import	CY	19,200	\$ 11,79	\$ 226,368	\$ 11,10	\$ 213,120	\$ 15,00	\$ 288,000	\$ 8,63	\$ 165,696	\$ 18,34	\$ 352,128	\$ 47,77	\$ 917,184
13	Subdrain and Conveyance Pipe	LF	230	\$ 57,75	\$ 13,283	\$ 105,00	\$ 24,150	\$ 40,00	\$ 9,200	\$ 73,97	\$ 17,013	\$ 121,00	\$ 27,830	\$ 108,00	\$ 24,840
14	Horizontal Drains	LF	4,500	\$ 63,25	\$ 284,625	\$ 50,00	\$ 225,000	\$ 8,00	\$ 36,000	\$ 247,38	\$ 1,113,210	\$ 130,00	\$ 585,000	\$ 237,90	\$ 1,070,550
15	Horizontal Drain Collector Pipe	LF	400	\$ 60,00	\$ 24,000	\$ 25,00	\$ 10,000	\$ 30,00	\$ 12,000	\$ 41,16	\$ 16,464	\$ 169,78	\$ 67,912	\$ 103,00	\$ 41,200
16	Drainage Benches	LF	620	\$ 75,95	\$ 47,089	\$ 61,00	\$ 37,820	\$ 85,00	\$ 52,700	\$ 128,13	\$ 79,441	\$ 222,60	\$ 138,012	\$ 188,00	\$ 176,560
17	Downdrains	LF	240	\$ 71,15	\$ 17,076	\$ 76,00	\$ 18,240	\$ 48,00	\$ 11,520	\$ 65,92	\$ 15,821	\$ 77,00	\$ 18,480	\$ 94,00	\$ 22,560
18	V-Ditch	LF	240	\$ 10,31	\$ 2,474	\$ 32,00	\$ 7,680	\$ 25,00	\$ 13,750	\$ 52,50	\$ 28,875	\$ 5,64	\$ 3,102	\$ 79,00	\$ 43,450
19	Rock Wall	LF	550	\$ 49,69	\$ 27,330	\$ 75,00	\$ 41,250	\$ 29,00	\$ 15,950	\$ 98,56	\$ 54,208	\$ 65,450	\$ 4,060	\$ 67,00	\$ 36,850
20	Onsite Stormdrain	LF	80	\$ 67,75	\$ 5,420	\$ 80,00	\$ 6,400	\$ 65,00	\$ 5,200	\$ 56,21	\$ 4,497	\$ 92,50	\$ 7,400	\$ 145,00	\$ 11,600
21	Parkway Dr. Stormdrain	LF	35	\$ 400,00	\$ 14,000	\$ 480,00	\$ 16,800	\$ 4,200	\$ 4,200	\$ 220,16	\$ 7,706	\$ 4,060	\$ 4,060	\$ 633,00	\$ 22,155
22	Stormdrain Manholes/Inlets	EA	4	\$ 4,125	\$ 16,500	\$ 6,680	\$ 26,720	\$ 4,800	\$ 19,200	\$ 4,620	\$ 18,481	\$ 4,830	\$ 19,320	\$ 4,788	\$ 19,152
23	Final Site Improvements	LS	1	\$ 30,250	\$ 30,250	\$ 39,500	\$ 39,500	\$ 9,350	\$ 9,350	\$ 6,550	\$ 6,550	\$ 6,250	\$ 6,250	\$ 23,582	\$ 23,582
24	Final Erosion and Sediment Control	AC	3.6	\$ 21,450	\$ 77,220	\$ 13,000	\$ 46,800	\$ 8,055	\$ 28,998	\$ 23,558	\$ 84,809	\$ 108,000	\$ 19,143	\$ 68,915	\$ 68,915
				<b>TOTAL</b>	<b>\$ 1,305,647</b>	<b>TOTAL</b>	<b>\$ 1,333,825</b>	<b>TOTAL*</b>	<b>\$ 1,086,033</b>	<b>TOTAL</b>	<b>\$ 2,149,488</b>	<b>TOTAL</b>	<b>\$ 2,554,378</b>	<b>TOTAL</b>	<b>\$ 4,327,148</b>

\*PJF bid submitted was \$1,995,070.60

Note: Estimated quantities shown are for information purposes. No guarantee is made by the City that these quantities are actual quantities.

25 June 2020

Mr. Ken Leetham  
City Manager  
City of North Salt Lake  
10 East Center Street  
North Salt Lake, Utah 84054

**Subject: Proposal for Project and Construction Management Services  
Eaglepointe Landslide Repair  
North Salt Lake, Utah**

Dear Mr. Leetham:

Per your request, Geosyntec Consultants Inc. (Geosyntec) is pleased to present the City of North Salt Lake (City) this proposal to provide Project and Construction Management-Agency (CM-A) services for the Eaglepointe Landslide Repair (Project) located in North Salt Lake, Utah. Geosyntec previously prepared plans, technical specifications, and a cost estimate for the Project, and currently provides Engineer-of-Record services.

### **SCOPE OF WORK**

As project manager / construction manager (PM-CM), Geosyntec will be responsible exclusively to the City and act in the City's interests throughout each stage of the Project, but will not contract with subcontractors. The City would offer and execute subcontracts directly in their name. Geosyntec's PM-CM team will operate as an extension of the City staff, act as an advocate for the City, and enforce contractual requirements and obligations for the Project. PM-CM services that Geosyntec will provide the City for the Project include the following:

- Issuance of Notices of Award, coordinate construction contract execution, and issuance of Notice to Proceed;
- Maintenance of the construction schedule and status reporting including preparation of monthly progress reports that include a comprehensive description of the prior month's main accomplishments and current construction activities;
- Review and evaluate contractor schedules, budgets and cash flow projections;
- Lead the evaluation of value engineering proposals submitted by construction contractors;

- Inspect, monitor and document the activities of contractors, subcontractors and suppliers to ensure compliance with the requirements of contract documents;
- Create the document-control filing system for the Project;
- Review and log submittals;
- Schedule, lead, and participate in pre-construction and regular meetings with contractors and City staff regarding construction issues, progress reporting, interpretation of plans and specifications, and contractor performance;
- Inspect construction activities and provide management and oversight services to ensure that contractors' work is performed in accordance with construction plans and specifications, and is consistent with the intent of the design;
- Review pay requests submitted by the contractor and issue pay certificates to the City;
- Identify, prepare, log, monitor and negotiate all contractor or City initiated claims, changes, extra work, and change orders (if necessary, as the fixed-price Contract for the mitigation should significantly reduce the number of change orders). Prepare independent cost estimates, change order justification, and recommend action on all change order requests. Prepare necessary change orders for all construction contracts;
- Interface with project stakeholders, in collaboration and concert with NSL;
- Prepare detailed project punch lists toward closeout of the Project.
- Take the lead in negotiating and closing out the construction contract. Verify that all project payments have been made to the contractors and that all required releases have been obtained.
- Prepare final change orders if necessary.
- Provide other miscellaneous specialty services as required during construction such as, witness and evaluation of electrical instrumentation, controls, water quality, noise and air quality monitoring services, geotechnical, structural, civil design and other technical specialties.
- Review and provide written responses to contractor Requests for Information (RFI's).

- Maintain up-to-date, secured, marked-up prints of construction drawings showing all field changes and as-built conditions. Maintain an up-to-date, secured, conformed copy of all construction contracts, including all approved modifications and changes.

Geosyntec will provide a full-time, onsite construction manager for the duration of the Project. The construction manager will be supported by office personnel based in our local Salt Lake City office and other Geosyntec offices.

The scope of work described only includes construction management services and does not include support services related to the settlement agreement between the City and the other parties involved in the previous landslide litigation. If requested, Geosyntec can provide support services related to the settlement agreement to the City under a separate scope of work.

### **BASIS FOR ESTIMATE**

Geosyntec made the following key assumptions in preparing the cost estimate for our project and construction management scope of services:

- 
- Project construction will be completed within 16-weeks of construction commencing (80 days); and
- The Contractor will work 10-hour days, five days per week.

### **PROJECT BUDGET**

Geosyntec developed a budget for PM-CM services based on the rate schedule included in Attachment A and the scope of work and assumptions presented. Work will be performed in accordance with the Master Services Agreement between Geosyntec and the City dated 2 December 2019 and will be invoiced on a time-and-materials basis with a not-to-exceed value of \$90,000. This amount will not be exceeded without prior written authorization from the City.

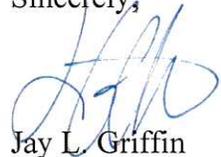
### **CLOSURE**

Note that uncertainty as a result of the COVID-19 pandemic is impacting operations in every aspect of the U.S. economy. In this proposal, we have presented Geosyntec's anticipated budget and schedule for the scope of work described. As circumstances change, we may need to adjust how and when the scope is delivered, and there may be impacts to the budget and schedule. In the event that changes are required, we will discuss the situation with the City in a timely manner to reach a mutually acceptable solution.

Mr. Ken Leetham  
25 June 2020  
Page 4

Geosyntec is pleased to continue providing professional services to the City of North Salt Lake for this project. Please contact Jay Griffin at (510) 285-2689 if you need additional information.

Sincerely,



Jay L. Griffin  
Senior Engineer



Ronald S. Johnson, P.E.  
Senior Principal Engineer

## **Attachment A**

## GEOSYNTEC CONSULTANTS 2020 RATE SCHEDULE

Staff Professional	\$132
Senior Staff Professional	\$153
Professional	\$174
Project Professional	\$196
Senior Professional	\$220
Principal	\$240
Senior Principal	\$262
Technician I	\$ 70
Technician II	\$ 75
Senior Technician I	\$ 81
Senior Technician II	\$ 88
Site Manager I	\$100
Site Manager II	\$104
Construction Manager I	\$117
Construction Manager II	\$126
Designer	\$140
Senior Drafter/Senior CADD Operator	\$ 128
Drafter/CADD Operator/Artist	\$ 116
Project Administrator	\$ 72
Clerical	\$ 57
Direct Expenses	Cost plus 12%
Subcontract Services	Cost plus 12%
Technology/Communications Fee	3% of Professional Fees
Specialized Computer Applications (per hour)	\$ 15
Personal Automobile (per mile)	Current Gov't Rate
Photocopies (per page)	\$ .09

Rates are provided on a confidential basis and are client and project specific.

Unless otherwise agreed, rates will be adjusted annually based on a minimum of the Produce Price Index  
for Engineering Services.

Rates for field equipment, health and safety equipment, and graphical supplies presented upon request.

Construction management fee presented upon request.

25 June 2020

Mr. Ken Leetham  
City Manager  
City of North Salt Lake  
10 East Center Street  
North Salt Lake, Utah 84054

**Subject: Proposal for Construction Quality Assurance Services  
Eaglepointe Landslide Repair  
North Salt Lake, Utah**

Dear Mr. Leetham:

Per your request, Geosyntec Consultants Inc. (Geosyntec) is pleased to present the City of North Salt Lake (City) this proposal to provide construction quality assurance (CQA) services for the Eaglepointe Landslide Repair (Project) located in North Salt Lake, Utah. Geosyntec previously prepared plans, technical specifications, and a cost estimate for the Project, and currently provides Engineer-of-Record services.

## **SCOPE OF WORK**

Geosyntec's CQA services will consist of observation and testing to document that construction is performed in accordance with the Drawings and Technical Specifications. The CQA services will consist of the following tasks.

### **Task 1 – Pre-Field Planning and Mobilization**

This task covers general preparation for project start up including preparation of a site-specific health and safety plan for CQA work, project document review by site CQA personnel, mobilization of CQA personnel and equipment.

### **Task 2 – Earthwork Observation**

Geosyntec will provide earthwork construction observation and documentation field services including monitoring, sampling, testing, and documenting excavation and fill placement. Observation, documentation and testing will include:

- Collection and shipment/delivery of soil samples for geotechnical laboratory testing in accordance with ASTM International Standards including:

- Classification of Soils for Engineering Purposes (ASTM D2487);
  - Sieve Analysis (ASTM D6913 or ASTM C136);
  - Atterberg Limits (ASTM D4318); and
  - Modified Proctor (ASTM D1557).
- Review of geotechnical laboratory test results;
  - Observation of excavation and fill placement;
  - Observation of trench and toe keyway bottoms and subgrade prior to the placement of piping or engineered fill;
  - Performance of in-situ testing of engineered fill and trench backfill in accordance with ASTM D6938 using a nuclear moisture density gauge; and
  - Preparation of daily field reports including photographic documentation of earthwork construction activities.

Geosyntec will provide a full-time, onsite CQA technician for observation and testing during earthwork activities. Because a construction schedule is not currently available for the Project, Geosyntec has assumed CQA personnel will be required onsite full-time for the duration of the Project. The CQA technician will be supported by both local personnel and professionals in other Geosyntec offices.

### **Task 3 – Observation of Drainage Feature Construction**

Geosyntec will also provide observation and documentation field services for construction of the Project drainage features including:

- Drilling and installation of sub-horizontal drains;
- Surface water conveyance features;
- Subdrains and toe key drains;
- Storm drains;
- Review of flow line survey data; and

- Preparation of daily field reports including photographic documentation of the construction of drainage features.

Observation of drainage features will be performed on an as-needed basis and will be conducted in conjunction with the earthwork observation and testing included in Task 2.

#### **Task 4 – Project Management and Reporting**

Geosyntec will prepare a CQA report at the completion of construction that will summarize construction observation and testing. The CQA report will be submitted in draft form to the City within 6 weeks of construction completion. A final report will be submitted to the City within two weeks of receiving comments from the City on the draft. This task also covers the customary and usual aspects of project management including billing, scheduling, administration, and related items.

#### **BASIS FOR ESTIMATE**

Geosyntec made the following key assumptions in preparing the cost estimate for our CQA scope of services:

- CQA services are not required for demolition of existing improvements;
- A maximum of 10 soil samples will be collected for laboratory testing;
- The Contractor or the City will provide an appropriate storage location for a nuclear moisture-density gauge either onsite or at a location provided by the City;
- Project construction will be completed within 16-weeks of construction commencing (80 working days);
- The Contractor will work 10-hour days, five days per week;
- Attendance (either in person or via teleconference) of one 1-hour construction meeting per week for the duration of construction;
- Pre-construction meeting will be attended in person by one Geosyntec representative;

#### **PROJECT BUDGET**

Geosyntec developed a budget for CQA services based on the rate schedule included in Attachment A and the scope of work and assumptions presented. Work will be performed in accordance with the Master Services Agreement between Geosyntec and the City dated 2 December 2019 and will be invoiced on a time-and-materials basis with a not-to-exceed value of \$223,000. This amount will not be exceeded without prior written authorization from the City.

Mr. Ken Leetham  
25 June 2020  
Page 4

## CLOSURE

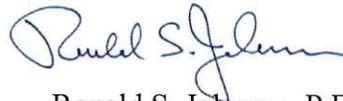
Note that uncertainty as a result of the COVID-19 pandemic is impacting operations in every aspect of the U.S. economy. In this proposal, we have presented Geosyntec's anticipated budget and schedule for the scope of work described. As circumstances change, we may need to adjust how and when the scope is delivered, and there may be impacts to the budget and schedule. In the event that changes are required, we will discuss the situation with the City in a timely manner to reach a mutually acceptable solution.

Geosyntec is pleased to continue providing professional services to the City of North Salt Lake for this project. Please contact Jay Griffin at (510) 285-2689 if you need additional information.

Sincerely,



Jay L. Griffin  
Senior Engineer



Ronald S. Johnson, P.E.  
Senior Principal Engineer

## Attachment A

## GEOSYNTEC CONSULTANTS 2020 RATE SCHEDULE

Staff Professional	\$132
Senior Staff Professional	\$153
Professional	\$174
Project Professional	\$196
Senior Professional	\$220
Principal	\$240
Senior Principal	\$262
Technician I	\$ 70
Technician II	\$ 75
Senior Technician I	\$ 81
Senior Technician II	\$ 88
Site Manager I	\$100
Site Manager II	\$104
Construction Manager I	\$117
Construction Manager II	\$126
Designer	\$140
Senior Drafter/Senior CADD Operator	\$ 128
Drafter/CADD Operator/Artist	\$ 116
Project Administrator	\$ 72
Clerical	\$ 57
Direct Expenses	Cost plus 12%
Subcontract Services	Cost plus 12%
Technology/Communications Fee	3% of Professional Fees
Specialized Computer Applications (per hour)	\$ 15
Personal Automobile (per mile)	Current Gov't Rate
Photocopies (per page)	\$ .09

Rates are provided on a confidential basis and are client and project specific.  
Unless otherwise agreed, rates will be adjusted annually based on a minimum of the Produce Price Index  
for Engineering Services.

Rates for field equipment, health and safety equipment, and graphical supplies presented upon request.  
Construction management fee presented upon request.

1 June 2020

Mr. Ken Leetham  
City Manager  
City of North Salt Lake  
10 East Center Street  
North Salt Lake, Utah 84054

**Subject: Proposal for Engineer-of-Record Services  
Eaglepointe Landslide Repair  
North Salt Lake, Utah**

Dear Mr. Leetham:

Per your request, Geosyntec Consultants Inc. (Geosyntec) is pleased to present the City of North Salt Lake (City) this proposal to provide Engineer-of-Record services during project bidding and construction for the Eaglepointe Landslide Repair (Project) located in North Salt Lake, Utah. Geosyntec previously prepared plans, technical specifications, and a cost estimate for the Project.

### **SCOPE OF WORK**

The purpose of Geosyntec's Engineer-of-Record services for the Project is to provide technical support during the bid process and throughout construction. Geosyntec's Engineer-of-Record services will include the following:

- Assist the City in preparation and advertisement of the bid package;
- Attend a pre-bid meeting and site walk for prospective bidders;
- Respond to design questions from prospective bidders;
- Assist the City in preparation of bid amendments;
- Assist the City with evaluation of the bids;
- Prepare a "conformed" set of Drawings and Technical Specifications after the bid process that incorporate comments addressed during bidding;
- Attend a pre-construction meeting;

- Review contractor submittals;
- Respond to contractor Requests for Information (RFIs);
- Issue Design Change Notifications (DCNs);
- Attend weekly construction meetings throughout construction; and
- Prepare legal property descriptions for the project construction area within the Eagleridge Tennis and Swim Club property and the final portion of the Eagleridge Tennis and Swim Club property deeded to the City.

The scope of work described only includes construction support and does not include support services related to the settlement agreement between the City and the other parties involved in the previous landslide litigation. If requested, Geosyntec can provide support services related to the settlement agreement to the City under a separate scope of work.

## **ASSUMPTIONS**

Geosyntec made the following key assumptions in preparing the cost estimate for our Engineer-of-Record scope of services:

- Bids for the project will be received by the City on 11 June 2020;
- Project construction will be completed within 26-weeks of construction commencing;
- Attendance via teleconference of one 1-hour construction meeting per week for the duration of construction;
- Pre-bid meeting will be attended in person by one Geosyntec representative;
- Pre-construction meeting will be attended in person by one Geosyntec representative;
- Geosyntec will respond to up to 15 RFIs;
- Geosyntec will prepare up to 10 DCNs;
- The City will be responsible for posting all bid addenda on the City's website and compiling submitted bids for evaluation;
- Boundaries for legal property descriptions will be at the direction of the City;
- Geosyntec will subcontract a Professional Land Surveyor licensed in the State of Utah to prepare the legal property descriptions.

Mr. Ken Leetham  
1 June 2020  
Page 3

## PROJECT BUDGET

Geosyntec developed a budget for Engineer-of-Record support services based on the rate schedule included in Attachment A and the scope of work and assumptions presented. Work will be performed in accordance with the Master Services Agreement between Geosyntec and the City dated 2 December 2019 and will be invoiced on a time-and-materials basis with a not-to-exceed value of \$92,000. This amount will not be exceeded without prior written authorization from the City.

## CLOSURE

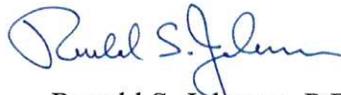
Note that uncertainty as a result of the COVID-19 pandemic is impacting operations in every aspect of the U.S. economy. In this proposal, we have presented Geosyntec's anticipated budget and schedule for the scope of work described. As circumstances change, we may need to adjust how and when the scope is delivered, and there may be impacts to the budget and schedule. In the event that changes are required, we will discuss the situation with the City in a timely manner to reach a mutually acceptable solution.

Geosyntec is pleased to continue providing engineering services to the City of North Salt Lake for this project. Please contact Jay Griffin at (510) 285-2689 if you need additional information.

Sincerely,



Jay L. Griffin  
Senior Engineer



Ronald S. Johnson, P.E.  
Senior Principal Engineer

## Attachment A

## GEOSYNTEC CONSULTANTS 2020 RATE SCHEDULE

Staff Professional	\$132
Senior Staff Professional	\$153
Professional	\$174
Project Professional	\$196
Senior Professional	\$220
Principal	\$240
Senior Principal	\$262
Technician I	\$ 70
Technician II	\$ 75
Senior Technician I	\$ 81
Senior Technician II	\$ 88
Site Manager I	\$100
Site Manager II	\$104
Construction Manager I	\$117
Construction Manager II	\$126
Designer	\$140
Senior Drafter/Senior CADD Operator	\$ 128
Drafter/CADD Operator/Artist	\$ 116
Project Administrator	\$ 72
Clerical	\$ 57
Direct Expenses	Cost plus 12%
Subcontract Services	Cost plus 12%
Technology/Communications Fee	3% of Professional Fees
Specialized Computer Applications (per hour)	\$ 15
Personal Automobile (per mile)	Current Gov't Rate
Photocopies (per page)	\$ .09

Rates are provided on a confidential basis and are client and project specific.  
Unless otherwise agreed, rates will be adjusted annually based on a minimum of the Produce Price Index  
for Engineering Services.

Rates for field equipment, health and safety equipment, and graphical supplies presented upon request.  
Construction management fee presented upon request.