



City of Grand Island

Tuesday, March 12, 2019

Council Session

Item G-4

**#2019-86 - Approving Engineering Consulting Agreement for
North Road- Old Potash Highway to 13th Street Roadway
Improvements; Project No. 2019-P-6**

Staff Contact: John Collins, P.E. - Public Works Director

Council Agenda Memo

From: Keith Kurz PE, Assistant Public Works Director

Meeting: March 12, 2019

Subject: Approving Engineering Consulting Agreement for North Road- Old Potash Highway to 13th Street Roadway Improvements; Project No. 2019-P-6

Presenter(s): John Collins PE, Public Works Director

Background

The North Road- Old Potash Highway to 13th Street Roadway Improvements; Project No. 2019-P-6 is for the improvement of North Road from just north of the intersection with Old Potash Highway and the intersection with 13th Street. The Engineering Division of the Public Works Department is proposing a concrete curb and gutter roadway section with associated sidewalk, traffic control, drainage and all other related improvements needed to complete the project.

On January 5, 2019 the Engineering Division of the Public Works Department advertised for Engineering Services for the south section of North Road from Old Potash Highway to 13th Street Roadway Improvements, with seventeen (17) potential respondents.

Discussion

Four (4) engineering firms submitted qualifications for the engineering services for the south section of North Road- Old Potash Highway to 13th Street Roadway Improvements; Project No. 2019-P-6. Alfred Benesch & Company of Lincoln, Nebraska was selected as the top engineering firm based on the pre-approved selection criteria.

- Firm experience and qualifications on similar work (50%)
- Proposed project schedule/approach (40%)
- Past experience working with the City of Grand Island Public Works Department (10%)

Compensation for Alfred Benesch & Company's conceptual design and cost estimate services will be provided on a time and expense basis not to exceed \$96,524.00. Such services will include a detailed topographic survey, geotechnical analysis, and traffic

operations study of the corridor to allow for proper cost estimation. Amendments will be required in the future for final engineering design and construction phase services.

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

City Administration recommends that the Council approve the agreement with Alfred Benesch & Company of Lincoln, Nebraska, in the amount of \$96,524.00.

Sample Motion

Move to approve the resolution.



CONSULTING SERVICES AGREEMENT

CLIENT	City of Grand Island	Project Name	City of Grand Island North Road Project 1
Address	City Hall, 100 East First Street Grand Island, NE 68802		
		Project Location	North Road - Old Potash to 13 th Street Grand Island, NE
Telephone	308-385-5444		
Client Contact	Keith Kurz	Consultant PM	Terry Brown
Client Job No.		Consultant Job No.	

This AGREEMENT is made by and between City of Grand Island, hereinafter called "CLIENT," and Alfred Benesch & Company, hereinafter called "CONSULTANT", for professional consulting services as specified herein. CONSULTANT agrees to provide CLIENT with requested consulting services more specifically described as follows d(or shown in Attachment A):

Attachment A

Scope of Services

Fee Estimates

2019 Employment Classification and Rate Schedule

The GENERAL CONDITIONS and the following Attachments are hereby made a part of the AGREEMENT:

☒ Attachment A: Scope of Services and Fee Estimate

☒ Attachment B: Schedule of Unit Rates

☐ Attachment C: _____

or

☐ Exhibit A: Work Authorizations specifying Method of Payment, Scope, and Fee

By signing this AGREEMENT, CLIENT acknowledges that it has read and fully understands this AGREEMENT and all attachments thereto. CLIENT further agrees to pay CONSULTANT for services described herein upon receipt of invoice by CLIENT for the CONSULTANT's estimated fee as described below:

☐ BY LUMP SUM: \$____.

☐ BY TIME AND MATERIALS: \$____.

☒ BY OTHER PAYMENT METHOD (See Attachment A): \$96,524.

☐ AS SHOWN ON SERIALY NUMBERED WORK AUTHORIZATIONS USING EXHIBIT A

IN WITNESS WHEREOF, the parties hereto have made and executed this AGREEMENT:

CLIENT

ALFRED BENESCH & COMPANY

BY: _____
AUTHORIZED REPRESENTATIVE

BY: _____
AUTHORIZED REPRESENTATIVE

PRINT NAME: _____

PRINT NAME: Anthony Dirks, P.E.

TITLE: _____

TITLE: Vice President

DATE: _____, 20____

DATE: February 28, 2019

BENESCH OFFICE: Lincoln

ADDRESS: 825 M Street, Suite 100

Lincoln, NE 68508

PLEASE SIGN AND RETURN ONE COPY TO ALFRED BENESCH & COMPANY (ADDRESS ABOVE).



STANDARD TERMS AND CONDITIONS

SECTION 1 – Services by Consultant

1.1 General

Consultant shall provide services under this Agreement only upon request of the Client, and only to the extent defined and required by the Client. These services may include the use of outside services, outside testing laboratories, and special equipment.

Attachments to this Agreement are as identified on the signature page to this Agreement or using serially numbered Work Authorizations, and with these GENERAL CONDITIONS, are all as attached hereto, and made a part of this Agreement.

1.2 Scope of Services and Fees

The services to be performed by Consultant and the associated fee are attached hereto and made a part of this Agreement or by using serially numbered Work Authorizations, all as identified on the signature page to this Agreement, and shall be performed by the Consultant in accordance with the Client's requirements. The Scope of Services and Fee Estimate (Attachment A) is valid for sixty (60) days, after which Consultant reserves the right to revise the Scope or Fee Estimate.

It is mutually understood that Consultant's fee is not a firm contractual amount, except the total fee by the Consultant shall not be exceeded unless authorized in writing by the Client. The intent of the Scope of Services is to identify the services to be provided by Consultant. However, it is specifically understood that by written notice to Consultant, Client can decrease or, with concurrence of Consultant, increase the Scope of Services.

SECTION 2 – Payments to Consultant

2.1 Method of Payment

Payment for Consultant's personnel services and direct expenses shall be based on the Method of Payment which is identified on the signature page to this Agreement or serially numbered Work Authorizations, attached hereto, and made a part of this Agreement.

2.2 Payment for Personnel Services

2.2.1 Payment

Payment for the services rendered by Consultant's personnel shall be based on the hours of chargeable time and in accordance with Consultant's Schedule of Unit Rates, which is identified on the signature page to this Agreement and attached hereto, and made a part of this Agreement.

2.2.2 Chargeable Time

Chargeable time for Consultant's personnel is that portion of their time devoted to providing services requested by Client. Chargeable time for field personnel located away from Consultant's office for more than one week is a minimum of eight hours per day and five days per calendar week, except for federally declared legal holidays or during an employee's sick leave or vacation time. Travel time from

Consultant's office to an assigned work site, and return to Consultant's office, is chargeable time; or if more economical for Client, Consultant shall lodge its personnel overnight near the work site in lieu of traveling back to Consultant's office at the end of each work day.

2.2.3 Overtime Rates

The basis for payment to Consultant for each hour worked in excess of forty (40) hours in any calendar week shall be the applicable hourly rate as specified in the Schedule of Unit Rates.

2.3 Payment for Direct Expenses

2.3.1 Payment

For Direct Expenses incurred by Consultant, payment to Consultant by the Client shall be in accordance with Consultant's Schedule of Unit Rates.

2.3.2 Direct Expenses

For the purposes of this Agreement, Direct Expenses to be contracted and managed by Consultant and payable by Client to Consultant shall include: Outside Services including the services and reimbursable expenses for firms other than Consultant which are necessary for the work the Consultant is directed to perform; Laboratory Tests and related reports necessary for the work the Consultant is directed to perform, either by the Consultant or by an outside service for the Consultant; Special Equipment expenses including the costs of the Consultant locating, acquiring, leasing, or renting any equipment or facilities not currently owned, leased, or rented by Consultant at the time of the request for services which are necessary to enable Consultant to provide the services requested; vehicles furnished by Consultant for Consultant's authorized travels and for Consultant's field personnel; Per Diem expense or actual costs of maintaining Consultant's field personnel on or near the Project site, for each day of field assignment away from Consultant's office; and Other Direct Expenses associated with all services provided hereunder and identified in the Schedule of Unit Rates.

2.4 Payment Conditions

2.4.1 Consultant shall submit monthly invoices for all personnel services and direct expenses under this Agreement and a final invoice upon completion of services.

2.4.2 Invoices are due and payable upon receipt by Client. Interest at a rate of 1.5% per month, or the maximum allowed by law, will be charged on all past due amounts starting thirty (30) days after date of invoice. Payments will first be credited to interest and then to principal.

2.4.3 In the event of a disputed or contested invoice, Client must provide written notice to Consultant within ten (10) days of the date of any invoice, otherwise the invoice will be considered to be correct. In the event Client timely submits in writing a dispute on a particular invoice, only that portion so contested will be withheld from payment and the Client will pay the undisputed portion. No interest will accrue on any reasonably contested portion of the invoice until mutually resolved.

2.4.4 If Client fails to make payment in full to Consultant within sixty (60) days after the date of the undisputed invoice, Consultant may, after giving seven (7) days' written notice to Client, suspend services under this Agreement until paid in full, including interest. Consultant shall have no liability to Client for delays or damages caused by such suspension of services. Client agrees to pay all costs of collection, including reasonable attorney's fees, incurred by Consultant as a result of Client's failure to make payments in accordance with this Agreement. No final plans, documents or reports will be released for any purpose until Consultant has been paid in full.

2.4.5 The billing rates specified in the Schedule of Unit Rates for subsequent years shall be adjusted annually in accordance with Consultant's costs of doing business, subject to Client's review and concurrence.

SECTION 3 - Term of Agreement

3.1 Term

Consultant's obligations to perform under this Agreement shall extend from the date of execution until terminated by either party.

3.2 Abandonment of Work

Client shall have the absolute right to abandon any work requested hereunder or to change the general scope of the work at any time, and such action on its part shall in no event be deemed a breach of contract.

3.3 Termination of Agreement

3.3.1 Termination with Cause

The obligation to provide further services under this Agreement may be terminated with cause by either party by written notice stating the basis for the termination and providing 7 days to cure. The termination will be effective seven (7) days after delivery of written notice thereof if the basis for the termination has not been cured. In the event of termination by Consultant caused by failure of the Client to perform in accordance with the terms of this Agreement, Client shall pay for all services performed prior to the effective date of the termination, including all project termination expenses, collection fees and legal expenses. Consultant shall prepare a progress report, including information as to all the services performed by Consultant and the status of the services as of the date of the termination, and provide information and documents developed under the terms of this Agreement to the Client upon receipt of final payment. In the event of termination by the Client caused by failure by Consultant to perform in accordance with the terms of this Agreement, Consultant shall prepare a progress report, including information as to all the services performed by Consultant and the status of the services as of the date of the termination and provide information and documents developed under the terms of this Agreement to the Client. Upon receipt of all other information and documents, Client shall pay Consultant for services performed prior to the effective date of the termination.

3.3.2 Termination without Cause

Either party may, at its sole discretion, terminate this Agreement without cause at any time. In the event of such

termination, the terminating party will promptly notify and confirm the termination in writing to the other party. The termination will be effective seven (7) days after delivery of written notice thereof. Upon termination, Consultant shall prepare a progress report, including information as to all the services performed by Consultant and the status of the services as of the date of the termination, and provide information and documents developed under the terms of this Agreement to the Client upon receipt of final payment.

3.4 Payment for Work Upon Abandonment or Agreement Termination

If Client abandons requested work or terminates this Agreement, Consultant shall be paid on the basis of work completed to the date of abandonment or effective date of termination. Consultant shall perform no activities other than reasonable wrap-up activities after receipt of notice of abandonment or termination. Payment for the work shall be as established under Section II.

SECTION 4 - General Considerations

4.1 Assignment and Responsibility for Personnel

4.1.1 The assignment of personnel and all phases of the undertaking of the services which Consultant shall provide hereunder shall be subject to the oversight and general guidance of Client.

4.1.2 While upon the premises of Client or property under its control, all employees, agents, and subconsultants of Consultant shall be subject to Client's rules and regulations respecting its property and the conduct of its employees thereon.

4.1.3 However, it is understood and agreed that in the performance of the work and obligations hereunder, Consultant shall be and remain an independent Consultant and that the employees, agents or subconsultants of Consultant shall not be considered employees of or subject to the direction and control of Client. Consultant shall be responsible for the supervision and performance of all subconsultants which are to perform hereunder.

4.2 Insurance

4.2.1 Consultant shall furnish Client a certificate of insurance upon request showing amounts and types of insurance carried by Consultant, which certificate shall contain a commitment by the Insurance Company that during the time any work is being performed by Consultant under this Agreement it will give Client notice of cancellation or non-renewal of the insurance coverage shown on such certificates in accordance with policy provisions.

4.2.2 Any construction contracts relative to Consultant's Services shall require that the Client and Consultant be included as additional insureds on the contractor's and contractor's subcontractors' commercial general liability and commercial automobile liability insurance policies and that the coverage afforded Client and Consultant is primary to any insurance maintained by Client or Consultant and that Client and Consultant's insurance is non-contributory with any coverage afforded by contractor and subcontractors. Client will also require contractor and all subcontractors to purchase and maintain workers' compensation and employer's liability insurance. Consultant will name the Client as additional insured on

Consultant's commercial general liability insurance.

4.3 Successors and Assigns

4.3.1 Client and Consultant each binds itself and its partners, successors, executors, administrators, assigns, and legal representatives to the other party to this Agreement and to the partners, successors, executors, administrators, assigns, and legal representatives of such other party, in respect to all covenants, agreements, and obligations of this Agreement.

4.3.2 Neither Consultant nor Client shall assign or transfer any rights under or interest in (including, but without limitation, moneys that may become due or moneys that are due) this Agreement without the written consent of the other party, except as stated in paragraph 4.3.1 and except to the extent that the effect of this limitation may be restricted by law. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement. Nothing contained in this paragraph shall prevent Consultant from employing such independent consultants, associates, and subconsultants as it may deem appropriate to assist in the performance of services hereunder.

4.3.3 Nothing herein shall be construed to give any rights or benefits hereunder to any one other than Client and Consultant except as otherwise provided herein.

4.4 Compliance with Law

4.4.1 Consultant shall exercise the professional standard of care to comply with, and cause its subconsultants to comply with, applicable Federal, state, and local laws, orders, rules, and regulations in effect at the time services are rendered, and relating to the performance of the services Consultant is to perform under this Agreement. If the Scope of Services requires Consultant to prepare an application for a permit, Consultant does not represent or warrant that said permit or approval will be issued by any governmental body.

4.4.2 Neither the Consultant nor the Consultant's agents or employees shall discriminate against any employee or applicant for employment to be employed in the performance of this Agreement with respect to hiring, tenure, terms, conditions, or privileges of employment, because of race, color, religion, sex, or national origin.

4.5 Ownership and Reuse of Documents

4.5.1 All drawings, specifications, test reports, and other materials and work products which have been prepared or furnished by Client prior to this Agreement shall remain Client's property. Consultant shall be permitted to rely on Client furnished documents and Client shall make available to Consultant copies of these materials as necessary for the Consultant to perform the services requested hereunder.

4.5.2 All drawings, specifications, test reports, and other materials and work products, including computer aided drawings, designs, and other data filed on electronic media which will be prepared or furnished by Consultant (and Consultant's independent professional associates and subconsultants) under this Agreement, are instruments of service in respect to the Project and Consultant shall retain

an ownership and property interest therein whether or not the Project is completed. Client may make and retain copies for information and reference in connection with the use and the occupancy of the Project by Client and others; however, such documents are not intended or represented to be suitable for reuse by Client or others acting on behalf of Client on extensions of the Project or on any other project. Further, Consultant makes no warranty as to the compatibility of computer data files with computer software and software releases other than that used by Consultant in performing services herein, and to the condition or availability of the computer data after an acceptance period of thirty (30) days from delivery to Client. Any reuse without written verification or adaptation by Consultant for the specific purpose intended will be at Client's sole risk and without liability or legal exposure to Consultant or to Consultant's independent professional associates or subconsultants, and Client shall indemnify and hold harmless Consultant and Consultant's independent professional associates and subconsultants from all claims, damages, losses, and expenses including attorneys' fees arising out of or resulting therefrom. Any such verification or adaptation will entitle Consultant to further compensation at rates to be agreed upon by Client and Consultant.

4.6 Consultant's Personnel at Project Site

4.6.1 The presence or duties of the Consultant personnel at a Project site, whether as onsite representatives or otherwise, do not make the Consultant or its personnel in any way responsible for those duties that belong to the Client and/or the construction contractors or other entities, and do not relieve the construction contractors or any other entity of their obligations, duties, and responsibilities, including, but not limited to, all construction methods, means, techniques, sequences, and procedures necessary for coordinating and completing all portions of the construction work in accordance with the project documents and any health or safety precautions required by such construction work. The Consultant and its personnel have no authority to exercise any control over any construction contractor or other entity or their employees in connection with their work or any health or safety precautions and have no duty for inspecting, noting, observing, correcting, or reporting on health or safety deficiencies of the construction contractor or other entity or any other persons at the site except Consultant's own personnel.

4.6.2 To the extent Consultant's Scope of Work includes construction observation, the Consultant shall keep the Owner reasonably informed about the progress and quality of the portion of the Work completed, and report to the Owner (1) known deviations from the Contract Documents and from the most recent construction schedule submitted by the Contractor, and (2) defects and deficiencies observed in the Work. Consultant neither guarantees the performance of the contractor(s) nor assumes responsibility for contractor(s)' failure to perform their work in accordance with the project documents.

4.7 Opinions of Cost, Financial Considerations, and Schedules

In providing opinions of cost, financial analyses, economic

feasibility projections, and schedules for the Project, the Consultant has no control over the cost of labor, materials, equipment, or services furnished by others, or over the Contractor(s)' methods of determining prices, or over competitive bidding or market conditions. Consultant's opinions of probable Total Project Costs and Construction Costs provided for herein as appropriate are made on the basis of Consultant's experience and qualifications and represent Consultant's judgments as an experienced and qualified professional consultant familiar with the construction industry. Consultant makes no warranty that the Client's actual Total Project or Construction Costs, financial aspects, economic feasibility, or schedules will not vary from the Consultant's opinions, analyses, projections, or estimates. If Client wishes greater assurance as to any element of the Total Project or Construction cost, feasibility, or schedule, Client will employ an independent cost estimator, contractor, or other appropriate advisor.

4.8 Discovery of Unanticipated Pollutant and Hazardous Substance Risks

4.8.1 If Consultant, while performing the services, discovers pollutants and/or hazardous substances that pose unanticipated risks, it is hereby agreed that the scope of services, schedule, and the estimated cost of Consultant's services will be reconsidered and that this Agreement shall immediately become subject to renegotiation or termination.

4.8.2 In the event that the Agreement is terminated because of the discovery of pollutants and/or hazardous substances posing unanticipated risks, it is agreed that Consultant shall be paid for its total charges for labor performed and reimbursable charges incurred to the date of termination of this Agreement, including, if necessary, any additional labor or reimbursable charges incurred in demobilizing.

4.8.3 Client also agrees that the discovery of unanticipated pollutants and/or hazardous substances may make it necessary for Consultant to take immediate measures to protect health and safety. Consultant agrees to notify Client as soon as practically possible should unanticipated pollutants and/or hazardous substances be suspected or encountered. Client authorizes Consultant to take measures that in Consultant's sole judgment are justified to preserve and protect the health and safety of Consultant's personnel and the public. Client agrees to compensate Consultant for the additional cost of taking such additional precautionary measures to protect employees' and the public's health and safety. This section is not intended to impose upon Consultant any duties or obligations other than those imposed by law.

SECTION 5 - Professional Responsibility

5.1 Performance of Services

Consultant shall perform its services consistent with the professional skill and care ordinarily provided by firms practicing in the same or similar locality under the same or similar circumstances (hereinafter the "Standard of Care"). Consultant expressly disclaims all express or implied warranties and guarantees with respect to the performance of professional services, and it is agreed that the quality of

such services shall be judged solely as to whether the services were performed consistent with the Standard of Care. Consultant owes Client only that level of performance defined in this Section 5.1, and nothing herein shall be construed as creating a fiduciary relationship.

If at any time prior to construction Client believes Consultant's services are deficient due to not meeting the Standard of Care, Client must immediately inform Consultant in writing and shall afford Consultant the opportunity to correct such deficiency. If, upon review by Consultant it is determined the deficiency is attributable to Consultant, the deficiency shall be corrected at no additional cost to Client.

5.2 Limitation of Liability

Client and Consultant agree to allocate certain of the risks so that, to the fullest extent permitted by law, Consultant's total liability to Client is limited to the amount paid under the contract or \$50,000 whichever is greater, this being the Client's sole and exclusive remedy for any and all injuries, damages, claims, losses, expenses, or claim expenses (including attorney's fees) arising out of this Agreement from any cause or causes. Such causes include, but are not limited to, Consultant's negligence, errors, omissions, strict liability, breach of contract, or breach of warranty.

5.3 No Special or Consequential Damages

Client and Consultant agree that to the fullest extent permitted by law neither party shall be liable to the other for any special, indirect, or consequential damages whatsoever, whether caused by either party's negligence, errors, omissions, strict liability, breach of contract, breach of warranty, or other cause or causes.

5.4 Indemnification

To the fullest extent permitted by law, Client and Consultant mutually agree to indemnify and hold each other harmless from and against any and all claims, damages, losses and expenses, defense costs including reasonable attorneys' fees, and court or arbitration costs and other liabilities arising from their own negligent acts, errors or omissions in performance of their services under this Agreement, but only to the extent caused that each party is responsible for such damages, liabilities and costs on a comparative basis of fault.

5.5 No Third Party Beneficiaries

Client and Consultant expressly agree that Agreement does not confer upon any third party any rights as beneficiary to this Agreement. Consultant accepts no responsibility for damages, if any, suffered by any third party as the result of a third party's use of the work product, including reliance, decisions, or any other action taken based upon it.

Client agrees that Consultant's services and work products are for the exclusive present use of Client. Client agrees that Consultant's compliance with any request by Client to address or otherwise release any portion of the work product to a third party shall not modify, rescind, waive, or otherwise alter provisions of this Agreement nor does it create or confer any third party beneficiary rights on any

third party.

SECTION 6 - Miscellaneous Provisions

6.1 Notices

Any notice to either party herein shall be in writing and shall be served either personally or by registered or certified mail addressed to the signing party shown on the signature page.

6.2 Joint Preparation

For purposes of contract interpretation and for the purpose of resolving any ambiguity in this Agreement, the parties agree that this Agreement was prepared jointly by them and/or their respective attorneys.

6.3 Headings

Headings used in this Agreement are for the convenience of reference only and shall not affect the construction of this Agreement

6.4 Severability

If any of the provisions contained in this Agreement are held for any reason to be invalid, illegal, or unenforceable in any respect, such invalidity, illegality, or unenforceability will not affect any other provision, and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.

6.5 Dispute Resolution

If negotiation in good faith fails to resolve a dispute within thirty (30) days of written notice of the dispute by either party, then the parties agree that each dispute, claim or controversy arising from or related to this Agreement or the relationships which result from this AGREEMENT shall be subject to mediation as a condition precedent to initiating legal or equitable actions by either party. Unless the parties agree otherwise, the mediation shall be in accordance with the Commercial Mediation Procedures of the American Arbitration Association then currently in effect. A request for mediation shall be filed in writing with the American Arbitration Association and the other party. No legal or equitable action may be instituted for a period of ninety (90) days from the filing of the request for mediation unless a longer period of time is provided by agreement of the parties. Cost of mediation shall be shared equally between the parties and shall be held in a location mutually agreed upon by the parties. The parties shall memorialize any agreement resulting from the mediation in a mediated settlement agreement, which agreement shall be enforceable as a settlement in any court having jurisdiction thereof.

During the pendency of any dispute, the parties shall continue diligently to fulfill their respective obligations hereunder. Any dispute not resolved through mediation shall be subject to litigation in a court of competent jurisdiction in the state in which the project is located.

6.6 Equal Opportunity

Consultant will, in the performance of this Agreement, comply with federal, state, and local laws, and all

regulations and orders issued under any applicable law related to equal employment opportunity, non-discrimination, or employment generally.

Consultant certifies that it will not knowingly employ or contract with a non-legal resident of the United States to perform work under this Agreement, and verifies or attempts to verify employee eligibility of its employees through participation in the U.S. Department of Homeland Security and Social Security Administration's E-Verify system.

6.7 Governing Law

This Agreement is to be governed by the laws of the jurisdiction in which the project is located. For locations outside of the United States, this Agreement shall be governed by the laws of the State of Illinois.

6.8 Entire Agreement

This Agreement, along with those documents specified, attached, or hereby cited together, and serially numbered Work Authorizations if used, constitute the entire Agreement between the parties hereto and no changes, modifications, extensions, terminations, or waivers of this agreement, or other documents, or any of the provisions herein, or therein contained, shall be valid unless made in writing and signed by duly authorized representatives of both parties.

SUPPLEMENTAL CONDITIONS FOR SURVEY, ENVIRONMENTAL OR GEOTECHNICAL SERVICES

☐ ***Supplemental Condition is incorporated herein when the applicable box is checked.***

☐ **S.1 Location of Underground Utilities**

It shall be the Client's responsibility to locate and physically mark all underground utilities and structures which lie within the work area prior to the start of subsurface investigations. If the Client elects not to assume this responsibility, Client shall notify Consultant and shall compensate Consultant for all costs associated with locating and physically marking said underground utilities and structures over and above the estimated project fee. Client shall indemnify and hold Consultant harmless from any damages and delays resulting from unmarked or improperly marked underground utilities and structures. For reasons of safety, Consultant will not begin work until this has been accomplished.

☐ **S.2 Subsurface Investigations**

In soils, foundation, groundwater, and other subsurface investigations, the actual characteristics might vary significantly between successive test points and sample intervals and at locations other than where observations, exploration, and investigations have been made. Because of the inherent uncertainties in subsurface evaluations, changed or unanticipated underground conditions may occur that could affect Project cost and/or execution. These conditions and cost/execution effects are not the responsibility of the Consultant.

☐ **S.3 Disposition of Samples and Equipment**

S.3.1 Disposition of Samples

No samples and/or materials will be kept by Consultant

longer than thirty (30) days after submission of the final report unless agreed otherwise.

S.3.2 Hazardous or Potentially Hazardous Samples and Materials

In the event that samples and/or materials contain or are suspected to contain substances or constituents hazardous or detrimental to health, safety, or the environment as defined by federal, state, or local statutes, regulations, or ordinances, Consultant will, after completion of testing, return such samples and materials to Client, or have the samples and materials disposed of in accordance with Client's directions and all applicable laws. Client agrees to pay all costs associated with the storage, transportation, and disposal of samples and materials. Client recognizes and agrees that Consultant at no time assumes title to said samples and materials, and shall have no responsibility as a handler, generator, operator, transporter, or disposer of said samples and materials.

S.3.3 Contaminated Equipment

All laboratory and field equipment contaminated in Consultant's performance of services will be cleaned at Client's expense. Contaminated consumables will be disposed of and replaced at Client's expense. Equipment (including tools) which cannot be reasonably decontaminated shall become the property and responsibility of Client. At Client's expense, such equipment shall be delivered to Client, or disposed of in the same manner specified in S.3.2 above. Client agrees to pay Consultant the fair market value of any such equipment which cannot reasonably be decontaminated and is delivered to Client pursuant to this Agreement.

ATTACHMENT A

Scope of Services

Project 1 – North Road, Old Potash Highway to 13th Street

TASK 1. Preliminary Design

a. Project Management

Benesch Project Manager will serve as point of contact, maintain project schedule and budget, and be responsible for coordinating work.

b. Topographic Survey

Benesch will perform the necessary topographic ground survey with a combination of Benesch staff and Initial Point Surveying to confirm horizontal and vertical control, confirmation of section and property corners along the North Road corridor (at least 50' outside the existing ROW) from Old Potash Highway to 13th Street. Survey will extend to tie locations to include pavement and utilities at existing intersections. A topographic survey will be performed using the latest GPS technology. Natural topographic features and man-made features, will be recorded by coordinates to the nearest one-tenth (0.1) of a foot. All such topographic features, which are pertinent to the design or are necessary to properly show the effect of the proposed work upon the adjoining property and/or improvements, will be recorded. Benesch shall provide a list of horizontal control points with coordinates, descriptions, station and offset. Horizontal control will be referenced to the Modified State Plane using known land survey monuments provided by the City of Grand Island. Vertical control will be completed by differential level circuit referenced to NAVD 88. Ties to control used for City of Grand Island projects in the area can be done for "design-fit" confirmation. Benesch will survey section corners in order to assemble the geometry to create the right-of-way drawings and confirm any locations already established by the City of Grand Island. Utilities will be drawn from surveying above ground features, including markings by utility companies resulting from the locate request. Information supplied by utility companies will be used to complete the placement of existing utilities on the plans. Locations from utility plans will be transferred into the topographic survey. Where available, above-ground features will be used to improve accuracy. Benesch will add a disclaimer to the drawings with respect to the undetermined location of underground utilities. Benesch will add additional information to the established base map from the City of Grand Island using any new topographic survey data.

c. Utility Location/Verification

Benesch will review the utility locations shown on the topographic survey, and verify these locations during field inspections. Identification and verification by the utility companies of major utility conflicts such as fiber optic lines, gas pipelines, high-pressure waterlines, transmission lines, etc., will be accomplished at the earliest possible time. Benesch will stake field locations of assumed water and private utility conflicts to be potholed by a subconsultant. Our survey crew will be on-site while the work to establish a top of pipe elevation at each pothole location. It is assumed there will be up to three days for potholing, observing and a one-man survey crew for any potential utility conflicts for up to 24 pothole locations. Benesch and the City's Project Manager will discuss major conflicts and attempt to avoid them. If avoidance is not possible, Benesch will then request the Utility Company to verify the conflict and provide a preliminary estimate of reimbursable costs associated with the utility relocation.

d. Geotechnical Evaluation

It is expected up to four (4) soil test borings will be taken with the project at locations within the proposed roadway pavement area. The fee associated with these borings assumes the project site is easily accessible for truck-mounted drilling equipment and rights of access can be obtained from adjacent owners. If traffic control is required, it would be provided by the City. These test borings will be in accordance with schedules located in the most recent NDOT Geotechnical Policy and Procedures Manual.

The borings will be spaced approximately 1000 feet apart along should be located near the west end of the proposed roadway alignment and one boring should be located near the east end. Each boring will be drilled to a maximum depth of 10 feet below the existing ground surface. Shelby tube samples will be taken beneath the existing topsoil and Standard Penetration tests will be performed at 5-foot increments to the base of each boring. Laboratory testing will be performed to assist with classification and consistency of subgrade materials. Benesch shall prepare geotechnical recommendations for the primary purpose of developing geotechnical design criteria for use in designing the subgrade preparation and determination of the pavement section for the project. Benesch shall prepare and submit an electronic copy of the geotechnical report to the City Project Manager for review.

e. Traffic Analysis

Benesch will review the traffic counts at the Faidley Ave. and North Road intersection provided by the City of Grand Island. The counts will be used to study the corridor and intersection to provide the best design alternatives including a two way stop, additional right turn lanes, preliminary roundabout design, or signalization and comparison to the current all-way stop explaining the benefits of an improved intersection. A memorandum will be submitted to the City for review and provide guidance on the intersection design.

f. Drainage Analysis

Benesch, coordinating with City of Grand Island staff, shall determine proposed outfall locations, curb and area inlet locations, delineate regional drainage areas and calculate 2, 5 and 10-year peak flow rates using the rational method for existing and proposed drainage systems. Proposed inlet locations shall be determined based on the proposed roadway profile and storm sewer hydraulic calculations shall be completed using the worksheets provided by the City or of similar format.

g. Preliminary Design (30%+)

Benesch shall prepare project base files and plan sheets following the standard layout appearance of City of Grand Island documents. Design is assumed to be at least 30% complete and less than 50% complete that gives the City a reliable cost estimate of overall construction costs for this project. Plan sheets to be included in the Preliminary submittal include the following:

- Preliminary Typical Section(s)
- Preliminary alignment to best fit the ROW
- Roadway Plan and Profile
- Preliminary Intersection Improvements
- Preliminary Storm Sewer layout
- Preliminary Utility Relocation Plan
- Preliminary Right-of-Way

ATTACHMENT A

Page 2 of 3

h. Cost Estimates

Benesch shall prepare an updated total project cost estimate. This shall include Preliminary Engineering, ROW acquisition, Private Utility Relocations, Public Utility Relocations, Construction, and Construction Engineering on the appropriate forms.

i. Public Involvement

Benesch shall participate in a joint public involvement meeting including North Road Projects 1 & 2 and Old Potash Hwy. Benesch will provide information for the City to advertise, produce hand-outs, graphics necessary for the public involvement open house.

Task 1 services would start upon NTP and is assumed to be Mid- March 2019. Completion of Task 1 is estimated at 18 weeks after NTP approximately end of July 2019.

ATTACHMENT A

Page 3 of 3

Fee Estimate
Preliminary Design Services
North Road Improvements Project 1 - Grand Island, NE

Description	Estimated Quantity	Unit Price	Amount
Preliminary Design			
a. Project Management			
Senior Project Manager	60.0 hr.	\$ 168.00 /hr.	\$ 10,080.00
Progress Meetings	8.0 hr.	\$ 275.00 hr	\$ 2,200.00
b. Topographic Survey			
Senior Project Manager	4.0 hr.	\$ 168.00 hr	\$ 672.00
Senior Surveyor	4 hr	\$ 110.00 hr	\$ 440.00
Initial Point Surveying Sub Consultant			\$ 14,050.00
c. Utility Locations/Verification			
Field Inspection	24.0 hr.	\$ 79.00 hr	\$ 1,896.00
Project Engineer I	8 hr	\$ 107.00 hr	\$ 856.00
Polthole Sub Consultant Diamond Engineering	24 hr.	\$ 200.00 hr.	\$ 4,800.00
Initial Point Survey Sub Consultant			\$ 1,800.00
d. Geotechnical Evaluation			
Data Research (Project Scientist II)	21.0 hr.	\$ 74.00 ea.	\$ 1,554.00
Design Recommendations/Report (Design Engineer II)	40.0 hr.	\$ 121.00 ea.	\$ 4,840.00
Drilling, Testing, Expenses O'Malley Sub consultant			\$ 2,200.00
Vehicle and field & lab expenses			\$ 1,300.00
e. Traffic Analysis			
Senior Traffic Engineer	24.0 hr.	\$ 168.00 /hr.	\$ 4,032.00
Project Engineer II	16.0 hr.	\$ 107.00 /hr.	\$ 1,712.00
Senior Tech	4.0 hr.	\$ 112.00 hr	\$ 448.00
f. Drainage Analysis			
Senior Project Manager	8.0 hr.	\$ 168.00 /hr.	\$ 1,344.00
Project Engineer II	40.0 hr.	\$ 121.00 /hr.	\$ 4,840.00
Project Engineer 1	16.0 hr.	\$ 107.00 hr	\$ 1,712.00
g. Preliminary Design (30% +)			
Senior Project Manager	8.0 hr.	\$ 168.00 /hr.	\$ 1,344.00
Senior Traffic Engineer	32.0 hr.	\$ 168.00 /hr.	\$ 5,376.00
Project Manager II	60.0 hr.	\$ 154.00 /hr.	\$ 9,240.00
Project Engineer I	120.0 hr.	\$ 107.00 hr	\$ 12,840.00
h. Cost Estimates			
Senior Project Manager	4.0 hr.	\$ 168.00 /hr.	\$ 672.00
Project Engineer II	8.0 hr.	\$ 121.00 /hr.	\$ 968.00
Project Engineer I	8.0 hr.	\$ 107.00 hr	\$ 856.00
i. Public Involvement			
Senior Project Manager/Senior Traffic Engineer	12.0 hr.	\$ 168.00 /hr.	\$ 2,016.00
Public Involvement Specialist	16.0 hr.	\$ 72.00 /hr.	\$ 1,152.00
Project Engineer I	12.0 hr.	\$ 107.00 hr	\$ 1,284.00
Preliminary Design Services Not to Exceed :			\$ 96,524



2019 EMPLOYMENT CLASSIFICATION AND RATE SCHEDULE

<u>CLASSIFICATION</u>	<u>BILLABLE RATE</u>
Project Manager I	\$130.00
Project Manager II	\$154.00
Senior Project Manager	\$168.00
Project Principal	\$224.00
Designer I	\$85.00
Designer II	\$98.00
Project Engineer I	\$107.00
Project Engineer II	\$121.00
Senior Project Engineer	\$140.00
Technologist I	\$57.00
Technologist II	\$72.00
Senior Technologist	\$112.00
Technical Specialist I	\$84.00
Technical Specialist II	\$93.00
Senior Technical Specialist	\$121.00
Construction Representative I	\$73.00
Construction Representative II	\$84.00
Construction Representative III	\$103.00
Inspector I	\$65.00
Inspector II	\$75.00
Sr. Inspector	\$80.00
Project Scientist I (Geotechnical)	\$62.00
Project Scientist II (Geotechnical)	\$74.00
Field/Lab Technician I	\$50.00
Field/Lab Technician II	\$57.00
Field/Lab Technician III	\$66.00
Senior Field/Lab Technician	\$87.00
Instrument Operator	\$55.00
Party Chief	\$70.00
Surveyor (RLS)	\$92.00
Senior Surveyor (RLS)	\$110.00
Scientist I	\$60.00
Scientist II	\$68.00
Project Scientist I (Environmental)	\$84.00
Project Scientist II (Environmental)	\$103.00
Project Scientist III (Environmental)	\$112.00
Senior Project Scientist	\$127.00

Intern	\$52.00
Marketing Assistant	\$52.00
Marketing Coordinator	\$72.00
Marketing Manager	\$101.00
Office Assistant	\$47.00
Project Assistant I	\$53.00
Project Assistant II	\$59.00
Division Administrative Assistant I	\$53.00
Division Administrative Assistant II	\$65.00

RESOLUTION 2019-86

WHEREAS, on January 5, 2019 the Engineering Division of the Public Works Department advertised for Engineering Services for North Road- Old Potash Highway to 13th Street Roadway Improvements; Project No. 2019-P-6; and

WHEREAS, on January 22, 2019 four (4) engineering firms submitted qualifications for such services; and

WHEREAS, based on the pre-approved selection criteria Alfred Benesch & Company of Lincoln, Nebraska was selected as the top engineering firm; and

WHEREAS, the City of Grand Island and Alfred Benesch & Company of Lincoln, Nebraska wish to enter into an Engineering Services Agreement to provide conceptual design and cost estimate engineering consulting services for such project; and

WHEREAS, an amendment will be brought before council at a later date to address additional services.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the Engineering Services Agreement between the City of Grand Island and Alfred Benesch & Company of Lincoln, Nebraska for engineering services related to North Road- Old Potash Highway to 13th Street Roadway Improvements; Project No. 2019-P-6, in the amount of \$96,524.00, is hereby approved.

BE IT FURTHER RESOLVED, that the Mayor is hereby authorized and directed to execute such agreement on behalf of the City of Grand Island.

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Adopted by the City Council of the City of Grand Island, Nebraska, March 12, 2019.

Roger G. Steele, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
March 8, 2019	☐ City Attorney