

CITY OF LA VISTA
MAYOR & CITY COUNCIL
AUGUST 18, 2019 AGENDA

| Subject: | Type: | Submitted By: |
|---------------------------------------------------------|-------------------------------------------|---------------------------------------------------|
| PROFESSIONAL SERVICES AGREEMENT – BRIDGE INSPECTIONS | ◆ RESOLUTION ORDINANCE RECEIVE/FILE | JEFF CALENTINE DEPUTY DIRECTOR OF PUBLIC WORKS |

SYNOPSIS

A resolution has been prepared to approve a professional services agreement with HGM Associates for services related to the inspection of structural integrity of the City's bridge infrastructure and submittal of the state report in an amount not to exceed \$5,700.00.

FISCAL IMPACT

The FY21/22 Biennial Budget provides funding for this project.

RECOMMENDATION

Approval

BACKGROUND

The Nebraska Department of Transportation requires municipalities to inspect bridge infrastructure every two years and submit a report to the bridge division for review. In the past, select Public Works staff were sent to training and completed the inspections and report submittals on behalf of the City. This practice worked for a long time due to the relatively young age of the City's bridges. As our bridges age, detailed inspection of the structural integrity of the City's bridge infrastructure is critical to ensure the safety of the traveling public. Funding is included in the FY21/22 biennial budget to cover the additional costs for this work, and the inspections would take place in November. Staff recommends that this inspection work be outsourced to a professional engineering firm.

RESOLUTION NO. _____

A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF LA VISTA, NEBRASKA AUTHORIZING THE EXECUTION OF A PROFESSIONAL SERVICES AGREEMENT WITH HGM ASSOCIATES INC. FOR BRIDGE INSPECTION SERVICES IN AN AMOUNT NOT TO EXCEED \$5,700.00.

WHEREAS, the City Council of the City of La Vista has determined that bridge inspection services are necessary; and

WHEREAS, the FY 21/22 Biennial Budget provides funding for these services; and

WHEREAS, the agreement has a not-to-exceed cost of \$5,700.00 for the scope of services;

NOW, THEREFORE BE IT RESOLVED, by the Mayor and City Council of La Vista, Nebraska, authorizing the execution of a professional services agreement with HGM Associates Inc. for bridge inspection services in an amount not to exceed \$5,700.00.

PASSED AND APPROVED THIS 18TH DAY OF AUGUST 2020.

CITY OF LA VISTA

Douglas Kindig, Mayor

ATTEST:

Pamela A. Buethe, CMC
City Clerk



June 30, 2020

Mr. Pat Dowsse, PE

City Engineer
City of La Vista, NE
9900 Portal Road
La Vista, NE 68128

Subject: 2020 City of La Vista Bridge Inspection
10 Structures
HGM Proposal No. 000720-131

Dear Pat:

On behalf of HGM ASSOCIATES INC. (HGM) we are pleased to submit this letter form agreement for engineering services for the referenced project. This agreement consists of this letter, the attached Scope of Services labeled as Exhibit A and the attached General Provisions labeled as Exhibit B.

HGM will provide Basic Services including the re-inspection of 10 bridges. These services are more specifically defined in the attached Scope of Services, Exhibit A. We will also provide Additional Services upon your request and receipt of your written authorization. A list of bridges owned by the City of La Vista is attached as Exhibit C.

HGM will provide these Basic Services on an hourly basis with our total cost estimate not to exceed \$5,700. Additional Services will be charged on an hourly basis in accordance with our standard hourly rate schedule.

We will bill you monthly for our services and reimbursable expenses proportionate to the work completed on the project. All fees are due and payable to HGM within 30 days of the invoice date. A service charge of one and one-half percent per month will be added to any amounts outstanding after 30 days.

Mr. Pat Dowse, PE

June 30, 2020

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We anticipate that we will be able to begin work on this project immediately upon receiving your authorization to proceed in the form of your acceptance of this agreement. We estimate that all inspection work can then be completed during November 2020 and December 2020 in accordance with the 24 month maximum inspection intervals required by NBIS and NDOT. Final inspection reports will be completed by December 2020 and January 2021 in accordance with the 30 day report deadline required by NDOT. If at any time we are delayed in the performance of these services, we will notify you immediately. Please note that any information to be provided by you as defined under Client's Responsibilities in the attached Scope of Services will need to be furnished to HGM prior to our beginning work.

Please indicate your acceptance of this agreement by signing where indicated below and returning one original signed copy to this office; OR, you may then scan a complete set of this document and email in in its entirety to HGM. We sincerely appreciate the opportunity to work with you.

Yours very truly,
HGM ASSOCIATES INC. - CONSULTANT



Stephen W. Moffitt, P.E.
Structural Project Manager

Acceptance of Proposal:
CITY OF LA VISTA - CLIENT

Authorized Signature

Printed Name & Title

Date of Acceptance

This is an exhibit attached to and made part of the letter agreement dated June 30, 2020 between:
CITY OF LA VISTA, NEBRASKA (CLIENT) and HGM ASSOCIATES INC. (HGM)
(CONSULTANT).

Subject: 2020 City of La Vista Bridge Inspection
10 Structures
HGM Proposal No. 000720-131

The Basic Services to be provided by the CONSULTANT under this agreement are further described as follows:

Routine Inspection

CONSULTANT will perform a Routine Inspection using personnel that are qualified as Team Leaders in accordance with CFR Section 650 Subpart C. Photographs will be taken of the roadway and general elevation views of the structure in addition to detail photos of deficiencies that are found. We will perform the underwater inspection of these structures whenever possible by conventional methods (sounding, probing, or use of chest waders). Use of divers is not included in this proposal.

Inspection Report

CONSULTANT will provide an inspection report for each bridge consisting of the following items to be placed in the CLIENT'S permanent file:

1. *Routine Inspection Field Report or Element Level Inspection Report* (as required) which includes a written summary of the BrM inspection data, current data regarding bridge deficiencies, structural conditions of bridge members including section loss estimates, effectiveness of past repairs, and channel and scour conditions noted in the field.
2. *Photograph Sheets* that include captions dictated on site.
3. *Current SIA Form* showing the data included in the BrM database.
4. *Recommended Maintenance Items Checklist* showing the deficient items that should be corrected as part of the routine bridge maintenance program.
5. *Critical Findings Report* will be included if a deficiency is found that requires immediate follow up or action.
6. *BrM Data* will be entered into the NDOT database by the CONSULTANT.

Element Level Inspection

4 bridges require element level field inspection and reporting due to their location on designated National Highway System roadways. These bridges will be inspected in accordance with the NDOT Bridge Inspection Program (BIP) Manual requirements for element level inspections and reporting in BrM.

Client Responsibilities

1. None.

This is an exhibit attached to and made part of the letter agreement dated June 30, 2020, between: CITY OF LA VISTA, NEBRASKA (CLIENT) and HGM ASSOCIATES INC. (CONSULTANT). The General Provisions agreed to by CONSULTANT and CLIENT are as follows:

Ownership of Instruments of Service: o All surveys, maps, studies, reports, computations, charts, plans, specifications, electronic data, shop drawings, diaries, field books, and other project documents prepared or obtained under the terms of this agreement are the property of the CLIENT. CONSULTANT shall deliver these documents to CLIENT at the conclusion of the project without restriction or limitation as to further use.

CLIENT acknowledges that such data may not be appropriate for use on an extension of the Services covered by this Agreement or on other projects. Any use of the data for any purpose other than that for which it was intended without the opportunity for CONSULTANT to review the data and modify it if necessary for the intended purpose will be at CLIENT'S sole risk and without legal exposure or liability to CONSULTANT.

CADD/Electronic Files: In accepting, and utilizing any drawings, reports and data on any form of electronic media generated by the CONSULTANT, the CLIENT agrees that all such electronic files are instruments of service. The CLIENT agrees to waive all claims against the CONSULTANT resulting in any way from any unauthorized changes to, or reuse of, the electronic files for any projects by anyone other than the CONSULTANT. In the event of a conflict between printed hard copy documents signed and sealed by the CONSULTANT and electronic files, the hard copy documents shall govern.

Termination or Suspension: If the CLIENT fails to make payments to the CONSULTANT in accordance with this Agreement, such failure shall be considered substantial nonperformance and cause for termination or, at the CONSULTANT'S option, cause for suspension of performance of services under this Agreement. If the CONSULTANT elects to suspend services, the CONSULTANT shall give seven days' written notice to the CLIENT before suspending services. In the event of a suspension of services, the CONSULTANT shall have no liability to the CLIENT for delay or damage caused the CLIENT because of such suspension of services. Before resuming services, the CONSULTANT shall be paid all sums due prior to suspension and any expenses incurred in the interruption and resumption of the CONSULTANT'S services. The CONSULTANT'S fees for the remaining services and the time schedules shall be equitably adjusted.

If the CLIENT suspends the Project, the CONSULTANT shall be compensated for services performed prior to notice of such suspension. When the Project is resumed, the CONSULTANT shall be compensated for expenses incurred in the interruption and resumption of the CONSULTANT'S services. The CONSULTANT'S fees for the remaining services and the time schedules shall be equitably adjusted.

Either party may terminate this Agreement upon not less than seven days' written notice should the other party fail substantially to perform in accordance with the terms of this Agreement through no fault of the party initiating the termination.

In the event of termination not the fault of the CONSULTANT, the CONSULTANT shall be compensated for services performed prior to termination, together with Reimbursable Expenses then due and all Termination Expenses indicated in the next paragraph.

Termination Expenses are in addition to compensation for the CONSULTANT'S services and include expenses directly attributable to termination for which the CONSULTANT is not otherwise compensated.

The CLIENT'S rights to use the CONSULTANT'S Instruments of Service in the event of a termination of this Agreement are set forth in the Ownership of Instruments of Service clause above. If the CLIENT requests copies of the CONSULTANT'S Instruments of Service, the cost of the preparation of those copies shall be considered as a Termination Expense.

Plan Revisions: If, after any plans or specifications are completed on any portion thereof, and are approved by the CLIENT and other necessary agencies, the CONSULTANT is required to change plans and specifications because of changes made, authorized, or ordered by the CLIENT, then the CONSULTANT shall receive additional compensation for such changes. Fees for these changes will be computed on an hourly basis.

Information Furnished by CLIENT: CLIENT shall be responsible for, and CONSULTANT may rely upon, the accuracy and completeness of all requirements, programs, instructions, reports, data and other information furnished by CLIENT to CONSULTANT pursuant to this Agreement. CONSULTANT may use such requirements, programs, instructions, reports, data, and information in performing or furnishing services under this Agreement.

Information Furnished by Utility Companies: The utility locations shown on the CONSULTANT'S instruments of service are from locates or drawings provided to the CONSULTANT by the utility companies. The CONSULTANT makes no guarantee that the utilities shown on the CONSULTANT'S instruments of service comprise all such utilities in the area, either in service or abandoned. The CONSULTANT further does not warrant that the utilities shown on the instruments of service are in the exact location indicated.

Successors and Assigns: Both parties agree that, upon execution of this agreement, same shall be binding upon their/its successors, assigns, and legal representatives until terminated by the expiration of agreement or termination by written notice, as provided above.

Limitation of Liability: The CLIENT agrees that to the fullest extent permitted by law, the total liability, in the aggregate, of CONSULTANT, CONSULTANT'S officers, directors, partners, employees, agents, and subconsultants, to CLIENT, and anyone claiming by, through, or under CLIENT for any claims, losses, costs, or damages whatsoever arising out of, resulting from or in any way related to this Project or Agreement from any cause or causes, including but not limited to torts, negligence, professional errors or omissions, strict liability, breach of contract, or breach of warranty, shall not exceed the total compensation received by CONSULTANT or \$100,000 whichever is greater.

Waiver of Consequential Damages: Notwithstanding anything in this Agreement to the Contrary, it is agreed that CONSULTANT shall not be liable in any event for any special or consequential damages suffered by the CLIENT arising out of the services hereunder. Special or consequential damages as used herein shall include, but not limited to, loss of capital, loss of product, loss of use of any system, or other property, or any other indirect, special or consequential damage, whether arising in contract, tort (including negligence), warranty or strict liability.

Opinion of Probable Construction Cost: Opinions of probable construction costs and detailed cost estimates prepared by the CONSULTANT represent his/her best judgment as a design professional familiar with the construction industry. It is recognized, however, that the CONSULTANT has no control over the cost of labor, materials or equipment, over the Contractor's methods of determining bid prices or over competitive bidding or market conditions. Accordingly, the CONSULTANT makes no warranty, express or implied, that the bids or the negotiated cost of the work will not vary from the CONSULTANT's opinion of probable construction cost.

Construction Phase Services: (If included under the scope of this Agreement) The CONSULTANT shall provide administration of the Contract between the CLIENT and the Contractor as set forth below and in General Conditions of the Contract for Construction. The CONSULTANT's responsibility to provide Construction Phase Services commences with the award of the Contract for Construction and terminates on the date the CONSULTANT issues the Statement of Final Completion.

The CONSULTANT shall advise and consult with the CLIENT during the Construction Phase Services. The CONSULTANT shall have authority to act on behalf of the CLIENT only to the extent provided in this Agreement or the General Conditions of the Contract for Construction. The CONSULTANT shall not have control over, charge of, or responsibility for the construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the Work, nor shall the CONSULTANT be responsible for the Contractor's failure to perform the Work in accordance with the requirements of the Contract Documents. The CONSULTANT shall be responsible for the CONSULTANT's negligent acts or omissions, but shall not have control over or charge of, and shall not be responsible for, acts or omissions of the Contractor or of any other persons or entities performing portions of the Work.

The CONSULTANT shall visit the site at intervals appropriate to the stage of construction to become generally familiar with the progress and quality of the portion of the Work completed, and to determine, in general, if the Work observed is being performed in a manner indicating that the Work, when fully completed, will be in substantial compliance with the Contract Documents. However, the CONSULTANT shall not be required to make exhaustive or continuous on site inspections to check the quality or quantity of the Work. On the basis of the site visits, the CONSULTANT shall keep the CLIENT reasonably informed about the progress and quality of the portion of the Work completed, and report to the CLIENT (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.

Jobsite Safety: That the General Contractor shall be solely responsible for jobsite safety, and that this intent shall be carried out in the CLIENT'S contract with the General Contractor, and that such contract shall indemnify the CONSULTANT. The CONSULTANT, and his agents, shall be named as an additional insured on the General Contractor's policies of general liability insurance.

Construction Staking: That the Fees the CONSULTANT receives for the task of construction staking are not commensurate with the potential risk. CLIENT, therefore, agrees to check or require General Contractor to check the location of all construction stakes placed by the CONSULTANT. CLIENT further agrees to limit liability of CONSULTANT for construction staking services such that the total liability of the CONSULTANT shall not exceed the CONSULTANT'S compensation received for the particular service, or \$5,000.00, whichever is greater.

Hazardous Materials: The CLIENT agrees that the CONSULTANT's scope of services does not include any services related to the presence of any asbestos, fungi, bacteria, mold or hazardous or toxic materials. Should it become known to the CONSULTANT that such materials may be present on or adjacent to the jobsite, the CONSULTANT may, without liability for any damages, suspend performance under this agreement, until CLIENT takes appropriate action to remove or abate said materials. The CLIENT further agrees, notwithstanding any other provision of this Agreement, to the fullest extent permitted by law, to indemnify and hold harmless the CONSULTANT, its officers, partners, employees and subconsultants (collectively, CONSULTANT) from and against any and all claims, suits, demands, liabilities, losses, damages or costs, including reasonable attorneys' fees and defense costs arising out of or in any way connected with the detection, presence, handling, removal, abatement, or disposal of any asbestos, fungi, bacteria, mold, hazardous or toxic substances, or products or materials that exist on, about or adjacent to the Project site, whether liability arises under breach of contract or warranty, tort, including negligence, strict liability or statutory liability or any other cause of action, except for the sole negligence or willful misconduct of the CONSULTANT.

Mediation: Any claims or disputes under this agreement shall be submitted to non-binding mediation.

| Insp Type | Description | |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Routine | Regularly Scheduled NBI or NBE inspection. | |
| Special | Special Inspection required due to structure conditions as per 4.10 of the BIP. | |
| FC Routine | Regularly Scheduled NBI or NBE inspection of a Fracture Critical bridge. These inspections are conducted under contract with NDOT. | |
| FC Special | Special Inspection of a Fracture Critical bridge as required due to bridge conditions as per 4.10 of the BIP. | |
| * | An asterisk is added to Special Inspections if Special Inspection is not required by the BIP. Non-mandatory Special Inspections may be required at the discretion of the bridge owner. Contact NDOT if Special Inspection will no longer be required. | |
| Elem | If the abbreviation "Elem" appears in the Inspection Type field then the structure is on the NHS and an Element level inspection is required. | |
| check | If the word "check" appears in the Inspection Type field then an apparent incorrect date has been found and should be reviewed. | |

| Municipality | Structure Number | Local Name | Location and Feature Intersected | Next Insp Date | Next Insp Type |
|--------------|------------------|------------|------------------------------------------------------|----------------|----------------|
| LA VISTA | U138300205P | 231 | HARRISON @ 120TH ST OMAHA @ UPRR/120TH/CRK 820-062-L | 12/12/2018 | Elem-Routine |
| LA VISTA | U138312515 | 91 | .1N 2.6W PAPILLION @ S BR PAPILLION CREEK | 12/12/2018 | Routine |
| LA VISTA | U138320425 | 234 | WEST GILES RD. AT 130TH @ STREAM | 11/18/2018 | Routine |
| LA VISTA | U138320428 | 237 | GILES ROAD AT 120TH @ BNSF RR | 11/14/2018 | Routine |
| LA VISTA | U138320430 | 87 | LAVISTA GILES RD @ 117TH @ S BR PAPILLION CREEK | 12/05/2018 | Elem-Routine |
| LA VISTA | U138320435 | | LAVISTA GILES RD @ 109TH @ PAPILLION CREEK | 11/15/2018 | Elem-Routine |
| LA VISTA | U138320437 | 233 | LAVISTA GILES RD @ 108TH @ STREAM | 12/02/2018 | Elem-Routine |
| LA VISTA | U138322440 | | HARRISON HILLS SUB.DIV. @ HELL CREEK | 11/18/2018 | Routine |
| LA VISTA | U138332920 | 232 | .5W OF LA VISTA @ BNSF RR | 11/18/2018 | Routine |
| LA VISTA | U138342715P | | 2W.7S HWY85 DOUG.CO LINE @ BNRR | 11/18/2018 | Routine |

* If no bridges listed in this report, please ignore.

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