

**RESOLUTION NO. R20-84**

**A RESOLUTION APPROVING A TASK ORDER BETWEEN THE CITY OF LAUREL AND KLJ ENGINEERING FOR ENGINEERING TO REPLACE THE INSULATED WATER MAIN THAT CROSSES HIGHWAY 212 OVER THE YELLOWSTONE RIVER.**

BE IT RESOLVED by the City Council of the City of Laurel, Montana:

Section 1: Approval. The Task Order between the Parties is attached hereto and incorporated herein as part of this resolution, and is accepted and hereby approved by the City Council.

Section 2: Execution. The Mayor and City Clerk/Treasurer of the City of Laurel are hereby given authority to accept and execute the attached Task Order on behalf of the City.


Section 3: Effective date. The effective date for the Task Order is upon adoption and approval of this resolution.

Introduced at a regular meeting of the City Council on December 22, 2020, by Council Member Klose.

PASSED and APPROVED by the City Council of the City of Laurel this 22<sup>nd</sup> day of December 2020.

APPROVED by the Mayor this 22<sup>nd</sup> day of December 2020.

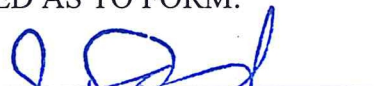
CITY OF LAUREL

  
Thomas C. Nelson, Mayor

ATTEST:

  
Bethany Langve, Clerk-Treasurer

APPROVED AS TO FORM:

  
Sam Painter, Civil City Attorney

## TASK ORDER

This is Task Order for KLJ Engineering Project No. 2004-00542 consisting of 3 pages.

### **Task Order- Yellowstone River Water Main Crossing**

In accordance with Paragraph 1.01 of the Agreement Between Owner and Engineer for Professional Services – Task Order Edition, dated October 13, 2020 ("Agreement"), Owner and Engineer agree as follows:

#### **1. Background Data**

- A. Effective Date of Task Order: December, 22, 2020
- B. Owner: City of Laurel
- C. Engineer: KLJ Engineering LLC
- D. Specific Project (title): Yellowstone River Water Main Crossing
- E. Specific Project (description): KLJ will provide engineering for the replacement of the existing 4" insulated water line over the Highway 212 Yellowstone River Bridge.

#### **2. Services of Engineer**

- A. The specific services to be provided or furnished by Engineer under this Task Order are set forth in Part 1—Basic Services of Exhibit A, "Engineer's Services for Task Order," modified for this specific Task Order, and attached to and incorporated as part of this Task Order.
- B. Resident Project Representative (RPR) Services – See Exhibit D
- C. All of the services included above comprise Basic Services for purposes of Engineer's compensation under this Task Order.

#### **3. Additional Services**

- A. Additional Services that may be authorized or necessary under this Task Order are set forth as Additional Services in Part 2—Additional Services, of Exhibit A, "Engineer's Services for Task Order," modified for this specific Task Order, and attached to and incorporated as part of this Task Order.

#### **4. Owner's Responsibilities**

- A. Owner shall have those responsibilities set forth in Article 2 of the Agreement and in Exhibit B, subject to the following:

**5. Task Order Schedule**

- A. In addition to any schedule provisions provided in Exhibit A or elsewhere, the parties shall meet the following schedule:
- Owner desires to have construction begin in 2021. As such, Engineer’s services will commence upon contract authorization with the intent to complete the Bidding Phase in the spring of 2021. The final schedule is dependent on funding availability and results of Preliminary Design Phase findings.

**6. Payments to Engineer**

- A. Owner shall pay Engineer for services rendered under this Task Order as follows:

| Description of Service                       | Amount           | Basis of Compensation |
|--|------------------|-----------------------|
| 1. Basic Services (Part 1 of Exhibit A)      |                  |                       |
| a. Design Phase (A1.02, A1.03)               | \$ 10,500        | Hourly                |
| b. Bidding or Negotiating Phase (A1.04)      | \$ 4,000         | Hourly                |
| c. Construction Phase (A1.05)*               | \$ 15,000        | Hourly                |
|  |                  |                       |
| <b>TOTAL COMPENSATION (lines 1.a-h)</b>      | <b>\$ 33,000</b> |                       |
|  |                  |                       |
| 2. Additional Services (Part 2 of Exhibit A) | (N/A)            | Hourly                |

\*Based on a 1 -month continuous construction period.

Compensation items and totals based in whole or in part on Hourly Rates or Direct Labor are estimates only.

- B. The terms of payment are set forth in Article 4 of the Agreement and in the applicable governing provisions of Exhibit C.

**7. Consultants retained as of the Effective Date of the Task Order: None**

**8. Other Modifications to Agreement and Exhibits: None**

**9. Attachments:**

Exhibit A- Engineer’s Services for Task Order

**10. Other Documents Incorporated by Reference:**

December 5, 2017 Agreement between Owner and Engineer for Professional Services, Task Order Edition  
October 13, 2020 Amendment to Engineer-Owner Agreement, Amendment No. 1

**11. Terms and Conditions**

Execution of this Task Order by Owner and Engineer shall make it subject to the terms and conditions of the Agreement (as modified above), which Agreement is incorporated by this reference. Engineer is authorized to begin performance upon its receipt of a copy of this Task Order signed by Owner.

OWNER: City of Laurel

ENGINEER: KLJ Engineering LLC

By: 

By: \_\_\_\_\_

Print Name: Thomas C. Nelson

Print Name: Mark Anderson

Title: Mayor

Title: Vice-President

Firm's Certificate No. (if required): PEL-EF-LIC-37

State of: Montana

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Kurt Markegard

Name: Matt Smith, P.E.

Title: City of Laurel Public Works Director

Title: Project Manager

Address: P.O Box 10  
Laurel, MT

Address: 2611 Gabel Road  
Billings, MT 59101

E-Mail Address: kmarkegard@laurel.mt.gov

E-Mail Address: matt.smith@kljeng.com

Phone: 406-628-4796

Phone: 406-247-2917

This is **EXHIBIT A**, consisting of 12 pages, referred to in and part of the Task Order for KLJ Project No. 2004-00542 dated \_\_\_\_\_.

## **Engineer's Services for Task Order**

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### **PART 1—BASIC SERVICES**

#### *A1.01 Preliminary Design Phase*

A. As Basic Services, Engineer shall:

1. Consult with Owner to define and clarify Owner's requirements for the Specific Project, including design objectives and constraints, space, capacity and performance requirements, flexibility, and expandability, and any budgetary limitations, and identify available data, information, reports, facilities plans, and site evaluations.
2. Visit the Site, to review existing conditions and facilities. Review owner provided designs and "as-built" drawings.
3. Advise Owner of any need for Owner to obtain, furnish, or otherwise make available to Engineer additional Specific Project-related data and information, for Engineer's use in the study and evaluation of potential solution(s) to Owner's Specific Project requirements.
4. If requested to do so by Owner, assist Owner in identifying opportunities for enhancing the sustainability of the Specific Project, and pursuant to Owner's instructions plan for the inclusion of sustainable features in the design.
5. Prepare Preliminary Design Phase documents consisting of final design criteria, preliminary drawings, outline specifications, and written descriptions of the Specific Project.
6. Visit the Site as needed to prepare the Preliminary Design Phase documents.
7. Advise Owner if additional reports, data, information, or services of the types described in Exhibit B are necessary and assist Owner in obtaining such reports, data, information, or services.
8. Based on the information contained in the Preliminary Design Phase documents, prepare a opinion of probable Construction Cost, and assist Owner in tabulating the various cost categories which comprise Total Project Costs.
9. Obtain and review Owner's instructions regarding Owner's procurement of construction services (including instructions regarding advertisements for bids, instructions to bidders, and requests for proposals, as applicable), Owner's construction contract practices and requirements, insurance and bonding requirements, electronic transmittals during construction, and other information necessary for the finalization of Owner's bidding-related documents. Bidding documents shall be based on the Montana Public Works Standard Specifications.
10. Pursuant to the Task Order schedule, furnish the required number of review copies of the Preliminary Design Phase documents, opinion of probable Construction Cost, and any other

Preliminary Design Phase deliverables to Owner, and review them with Owner. Within the time established in the Task Order schedule, Owner shall submit to Engineer any comments regarding the furnished items.

11. Pursuant to the Task Order schedule, revise the Preliminary Design Phase documents, opinion of probable Construction Cost, and any other Preliminary Design Phase deliverables in response to Owner's comments, as appropriate, and furnish to Owner the required number of copies of the revised Preliminary Design Phase documents, revised opinion of probable Construction Cost, and any other Preliminary Design Phase deliverables.
- B. Engineer's services under the Preliminary Design Phase will be considered complete on the date when Engineer has delivered to Owner the revised Preliminary Design Phase documents, revised opinion of probable Construction Cost, and any other Preliminary Design Phase deliverables.

#### A1.02 *Final Design Phase*

A. As Basic Services, Engineer shall:

1. Prepare final Drawings and Specifications indicating the scope, extent, and character of the Work to be performed and furnished by Contractor.
2. Visit the Site as needed to assist in preparing the final Drawings and Specifications.
3. Provide technical criteria, written descriptions, and design data for Owner's use in filing applications for permits from or approvals of governmental authorities having jurisdiction to review or approve the final design; assist Owner in consultations with such authorities; and revise the Drawings and Specifications in response to directives from such authorities, as appropriate.
4. Advise Owner of any recommended adjustments to the opinion of probable Construction Cost.
5. Prepare or assemble draft bidding-related documents based on the Montana Public Works Standard Specifications.
6. Pursuant to the Task Order schedule, furnish for review by Owner, its legal counsel, and other advisors, two copies of the final Drawings, Specifications and draft bidding documents and any other Final Design Phase deliverables, and review them with Owner.
7. Revise the final Drawings and Specifications, assembled drafts of other Construction Contract Documents, the draft bidding-related documents, and any other Final Design Phase deliverables in accordance with comments and instructions from the Owner, as appropriate, and submit the required number of final copies of such documents to Owner after receipt of Owner's comments and instructions.

- B. Engineer's services under the Final Design Phase will be considered complete on the date when Engineer has delivered to Owner the final Drawings and Specifications, other assembled Construction Contract Documents, bidding-related documents (or requests for proposals or other construction procurement documents), and any other Final Design Phase deliverables.

- C. The number of prime contracts for Work designed or specified by Engineer upon which the Engineer's compensation has been established under this Task Order is one. If more prime contracts are awarded, Engineer shall be entitled to an equitable increase in its compensation under this Task Order.

#### A1.03 *Bidding or Negotiating Phase*

A. As Basic Services, Engineer shall:

1. Assist Owner in advertising for and obtaining bids or proposals for the Work, assist Owner in issuing assembled design, contract, and bidding-related documents (or requests for proposals or other construction procurement documents) to prospective contractors, and, where applicable, maintain a record of prospective contractors to which documents have been issued, attend pre-bid conferences, if any, and receive and process contractor deposits or charges for the issued documents.
  2. Prepare and issue Addenda as appropriate to clarify, correct, or change the issued documents.
  3. Provide information or assistance needed by Owner in the course of any review of proposals or negotiations with prospective contractors.
  4. Consult with Owner as to the qualifications of prospective contractors.
  5. Consult with Owner as to the qualifications of Subcontractors, suppliers, and other individuals and entities proposed by prospective contractors, for those portions of the Work as to which review of qualifications is required by the issued documents.
  6. If the issued documents require, the Engineer shall evaluate and determine the acceptability of "or equals" and substitute materials and equipment proposed by prospective contractors, provided that such proposals are allowed by the bidding-related documents (or requests for proposals or other construction procurement documents) prior to award of contracts for the Work. Services under this paragraph are subject to the provisions of Paragraph A2.01.B.2 of this Exhibit A.
  7. Attend the bid opening, prepare bid tabulation sheets to meet Owner's schedule, and assist Owner in evaluating bids or proposals, assembling final contracts for the Work for execution by Owner and Contractor, and in issuing notices of award of such contracts.
- B. The Bidding or Negotiating Phase will be considered complete upon commencement of the Construction Phase or upon cessation of negotiations with prospective contractors (except as may be required if Exhibit F is a part of this Task Order).

#### A1.04 *Construction Phase*

A. As Basic Services, Engineer shall:

1. *General Administration of Construction Contract:* Consult with Owner and act as Owner's representative as provided in the Construction Contract. The extent and limitations of the duties, responsibilities, and authority of Engineer shall be as assigned in EJCDC® C-700, Standard General Conditions of the Construction Contract (2013 Edition), prepared by the Engineers Joint Contract Documents Committee, or other construction general conditions specified in the Agreement. If

Owner, or Owner and Contractor, modify the duties, responsibilities, and authority of Engineer in the Construction Contract, or modify other terms of the Construction Contract having a direct bearing on Engineer, then Owner shall compensate Engineer for any related increases in the cost to provide Construction Phase services. Engineer shall not be required to furnish or perform services contrary to Engineer's responsibilities as a licensed professional. All of Owner's instructions to Contractor will be issued through Engineer, which shall have authority to act on behalf of Owner in dealings with Contractor to the extent provided in this Agreement and the Construction Contract except as otherwise provided in writing.

2. *Selection of Independent Testing Laboratory:* Assist Owner in the selection of an independent testing laboratory to perform the trench compaction services.
3. *Pre-Construction Conference:* Participate in a pre-construction conference prior to commencement of Work at the Site.
4. *Electronic Transmittal Protocols:* If the Construction Contract Documents do not specify protocols for the transmittal of Project-related correspondence, documents, text, data, drawings, information, and graphics, in electronic media or digital format, either directly, or through access to a secure Project website, then together with Owner and Contractor jointly develop such protocols for transmittals between and among Owner, Contractor, and Engineer during the Construction Phase and Post-Construction Phase.
5. *Schedules:* Receive, review, and determine the acceptability of any and all schedules that Contractor is required to submit to Engineer, including the Progress Schedule, Schedule of Submittals, and Schedule of Values.
6. *Baselines and Benchmark.* Establish a benchmark on each side of the river for locating the Work which in Engineer's judgment are necessary to enable Contractor to proceed.
7. *Visits to Site and Observation of Construction:* In connection with observations of Contractor's Work while it is in progress:
  - a. Make visits to the Site at intervals appropriate to the various stages of construction, as Engineer deems necessary, to observe as an experienced and qualified design professional the progress of Contractor's executed Work. Such visits and observations by Engineer, and the Resident Project Representative, if any, are not intended to be exhaustive or to extend to every aspect of the Work or to involve detailed inspections of the Work beyond the responsibilities specifically assigned to Engineer in the Agreement, this Task Order, and the Construction Contract Documents, but rather are to be limited to spot checking, selective sampling, and similar methods of general observation of the Work based on Engineer's exercise of professional judgment, as assisted by the Resident Project Representative, if any. Based on information obtained during such visits and observations, Engineer will determine in general if the Work is proceeding in accordance with the Construction Contract Documents, and Engineer shall keep Owner informed of the progress of the Work.
  - b. The purpose of Engineer's visits to the Site, and representation by the Resident Project Representative, if any, at the Site, will be to enable Engineer to better carry out the duties and responsibilities assigned to and undertaken by Engineer during the Construction Phase, and, in addition, by the exercise of Engineer's efforts as an experienced and qualified design



professional, to provide for Owner a greater degree of confidence that the completed Work will conform in general to the Construction Contract Documents and that Contractor has implemented and maintained the integrity of the design concept of the completed Project as a functioning whole as indicated in the Construction Contract Documents. Engineer shall not, during such visits or as a result of such observations of the Work, supervise, direct, or have control over the Work, nor shall Engineer have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected or used by any Constructor, for security or safety at the Site, for safety precautions and programs incident to any Constructor's work in progress, for the coordination of the Constructors' work or schedules, nor for any failure of any Constructor to comply with Laws and Regulations applicable to furnishing and performing of its work. Accordingly, Engineer neither guarantees the performance of any Constructor nor assumes responsibility for any Constructor's failure to furnish or perform the Work, or any portion of the Work, in accordance with the Construction Contract Documents.

- c. Periodic visits to the site will be limited to 20 hours of RPR time.
8. *Defective Work:* Reject Work if, on the basis of Engineer's observations, Engineer believes that such Work is defective under the terms and standards set forth in the Construction Contract Documents. Provide recommendations to Owner regarding whether Contractor should correct such Work or remove and replace such Work, or whether Owner should consider accepting such Work as provided in the Construction Contract Documents.
9. *Compatibility with Design Concept:* If Engineer has express knowledge that a specific part of the Work that is not defective under the terms and standards set forth in the Construction Contract Documents is nonetheless not compatible with the design concept of the completed Project as a functioning whole, then inform Owner of such incompatibility, and provide recommendations for addressing such Work.
10. *Clarifications and Interpretations:* Accept from Contractor and Owner submittal of all matters in question concerning the requirements of the Construction Contract Documents (sometimes referred to as requests for information or interpretation—RFIs), or relating to the acceptability of the Work under the Construction Contract Documents. With reasonable promptness, render a written clarification, interpretation, or decision on the issue submitted, or initiate an amendment or supplement to the Construction Contract Documents.
11. *Field Orders:* Subject to any limitations in the Construction Contract Documents, Engineer may prepare and issue Field Orders requiring minor changes in the Work.
12. *Change Orders and Work Change Directives:* Recommend Change Orders and Work Change Directives to Owner, as appropriate, and prepare Change Orders and Work Change Directives as required.
13. *Differing Site Conditions:* Respond to any notice from Contractor of differing site conditions, including conditions relating to underground facilities such as utilities, and hazardous environmental conditions. Promptly conduct reviews, obtain information, and prepare findings, conclusions, and recommendations for Owner's use, subject to the limitations and responsibilities under the Agreement and the Construction Contract.

14. *Non-reviewable matters:* If a submitted matter in question concerns the Engineer's performance of its duties and obligations, or terms and conditions of the Construction Contract Documents that do not involve (1) the performance or acceptability of the Work under the Construction Contract Documents, (2) the design (as set forth in the Drawings, Specifications, or otherwise), or (3) other engineering or technical matters, then Engineer will promptly give written notice to Owner and Contractor that Engineer will not provide a decision or interpretation.
15. *Shop Drawings, Samples, and Other Submittals:* Review and approve or take other appropriate action with respect to Shop Drawings, Samples, and other required Contractor submittals, but only for conformance with the information given in the Construction Contract Documents and compatibility with the design concept of the completed Project as a functioning whole as indicated by the Construction Contract Documents. Such reviews and approvals or other action will not extend to means, methods, techniques, sequences, or procedures of construction or to safety precautions and programs incident thereto. Engineer shall meet any Contractor's submittal schedule that Engineer has accepted.
16. *Substitutes and "or-equal":* Evaluate and determine the acceptability of substitute or "or-equal" materials and equipment proposed by Contractor, but subject to the provisions of Paragraph A2.01.B.2 of this Exhibit A.
17. *Inspections and Tests:*
  - a. Receive and review all certificates of inspections, tests, and approvals required by Laws and Regulations or the Construction Contract Documents. Engineer's review of such certificates will be for the purpose of determining that the results certified indicate compliance with the Construction Contract Documents and will not constitute an independent evaluation that the content or procedures of such inspections, tests, or approvals comply with the requirements of the Construction Contract Documents. Engineer shall be entitled to rely on the results of such inspections and tests.
  - b. As deemed reasonably necessary, request that Contractor uncover Work that is to be inspected, tested, or approved.
  - c. Pursuant to the terms of the Construction Contract, require additional inspections or testing of the Work, whether or not the Work is fabricated, installed, or completed.
18. *Change Proposals and Claims:* (a) Review and respond to Change Proposals. Review each duly submitted Change Proposal from Contractor and, within 30 days after receipt of the Contractor's supporting data, either deny the Change Proposal in whole, approve it in whole, or deny it in part and approve it in part. Such actions shall be in writing, with a copy provided to Owner and Contractor. If the Change Proposal does not involve the design (as set forth in the Drawings, Specifications, or otherwise), the acceptability of the Work, or other engineering or technical matters, then Engineer will notify the parties that the Engineer will not resolve the Change Proposal. (b) Provide information or data to Owner regarding engineering or technical matters pertaining to Claims.
19. *Applications for Payment:* Based on Engineer's observations as an experienced and qualified design professional and on review of Applications for Payment and accompanying supporting documentation:

- a. Determine the amounts that Engineer recommends Contractor be paid. Recommend reductions in payment (set-offs) based on the provisions for set-offs stated in the Construction Contract. Such recommendations of payment will be in writing and will constitute Engineer's representation to Owner, based on such observations and review, that, to the best of Engineer's knowledge, information and belief, Contractor's Work has progressed to the point indicated, the Work is generally in accordance with the Construction Contract Documents (subject to an evaluation of the Work as a functioning whole prior to or upon Substantial Completion, to the results of any subsequent tests called for in the Construction Contract Documents, and to any other qualifications stated in the recommendation), and the conditions precedent to Contractor's being entitled to such payment appear to have been fulfilled in so far as it is Engineer's responsibility to observe the Work. In the case of unit price work, Engineer's recommendations of payment will include final determinations of quantities and classifications of the Work (subject to any subsequent adjustments allowed by the Construction Contract Documents).
  - b. By recommending payment, Engineer shall not thereby be deemed to have represented that observations made by Engineer to check the quality or quantity of Contractor's Work as it is performed and furnished have been exhaustive, extended to every aspect of Contractor's Work in progress, or involved detailed inspections of the Work beyond the responsibilities specifically assigned to Engineer in the Agreement or this Task Order. Neither Engineer's review of Contractor's Work for the purposes of recommending payments nor Engineer's recommendation of any payment including final payment will impose on Engineer responsibility to supervise, direct, or control the Work, or for the means, methods, techniques, sequences, or procedures of construction or safety precautions or programs incident thereto, or Contractor's compliance with Laws and Regulations applicable to Contractor's furnishing and performing the Work. It will also not impose responsibility on Engineer to make any examination to ascertain how or for what purposes Contractor has used the money paid to Contractor by Owner; to determine that title to any portion of the Work, including materials or equipment, has passed to Owner free and clear of any liens, claims, security interests, or encumbrances; or that there may not be other matters at issue between Owner and Contractor that might affect the amount that should be paid.
20. *Contractor's Completion Documents:* Receive from Contractor, review, and transmit to Owner maintenance and operating instructions, schedules, guarantees, bonds, certificates or other evidence of insurance required by the Construction Contract Documents, certificates of inspection, tests and approvals, and Shop Drawings, Samples, and other data approved as provided under Paragraph A1.05.A.17. Receive from Contractor, review, and transmit to Owner the annotated record documents which are to be assembled by Contractor in accordance with the Construction Contract Documents to obtain final payment. The extent of Engineer's review of record documents shall be to check that Contractor has submitted all pages.
21. *Substantial Completion:* Promptly after notice from Contractor that Contractor considers the entire Work ready for its intended use, in company with Owner and Contractor, visit the Site to review the Work and determine the status of completion. Follow the procedures in the Construction Contract regarding the preliminary certificate of Substantial Completion, punch list of items to be completed, Owner's objections, notice to Contractor, and issuance of a final certificate of Substantial Completion. Assist Owner regarding any remaining engineering or technical matters affecting Owner's use or occupancy of the Work following Substantial Completion.

22. *Final Notice of Acceptability of the Work:* Conduct a final visit to the specific Project to determine if the Work is complete and acceptable so that Engineer may recommend, in writing, final payment to Contractor. Accompanying the recommendation for final payment, Engineer shall also provide a notice to Owner and Contractor in the form attached hereto as Exhibit E (“Notice of Acceptability of Work”) (also available as a construction form, EJCDC® C-626 (2013)) that the Work is acceptable (subject to the provisions of the Notice and Paragraph A1.05.A.21.b) to the best of Engineer’s knowledge, information, and belief, and based on the extent of the services provided by Engineer under the Agreement and this Task Order.
  23. *Standards for Certain Construction-Phase Decisions:* Engineer will render decisions regarding the requirements of the Construction Contract Documents, and judge the acceptability of the Work, pursuant to the specific procedures set forth in the Construction Contract for initial interpretations, Change Proposals, and acceptance of the Work. In rendering such decisions and judgments, Engineer will not show partiality to Owner or Contractor, and will not be liable to Owner, Contractor, or others in connection with any proceedings, interpretations, decisions, or judgments conducted or rendered in good faith.
- B. *Duration of Construction Phase:* The Construction Phase will commence with the execution of the first Construction Contract for the specific Project or any part thereof and will terminate upon written recommendation by Engineer for final payment to Contractors. If the specific Project involves more than one prime contract as indicated in Paragraph A1.03.C, then Construction Phase services may be rendered at different times in respect to the separate contracts. Subject to the provisions of Article 3, Engineer shall be entitled to an equitable increase in compensation if Construction Phase services (including Resident Project Representative services, if any) are required after the original date for completion and readiness for final payment of Contractor as set forth in the final Construction Contract under the Task Order.

A1.05 *Post-Construction Phase*

- A. Upon written authorization from Owner during the Post-Construction Phase, as Basic Services, Engineer shall:
1. Together with Owner, visit the Project to observe any apparent defects in the Work, make recommendations as to replacement or correction of defective Work, if any, or the need to repair of any damage to the Site or adjacent areas, and assist Owner in consultations and discussions with Contractor concerning correction of any such defective Work and any needed repairs.
  2. Together with Owner, visit the Project within one month before the end of the Construction Contract’s correction period to ascertain whether any portion of the Work or the repair of any damage to the Site or adjacent areas is defective and therefore subject to correction by Contractor.
- B. The Post-Construction Phase services may commence during the Construction Phase and, if not otherwise modified in this Exhibit A, will terminate twelve months after the commencement of the Construction Contract’s correction period.

A1.06 *Other Services:* Each specific Task Order may include Basic Services that do not fit into the categories above. Such services should be expressly stated in the specific Task Order itself.

## **PART 2—ADDITIONAL SERVICES**

### *A2.01 Additional Services Requiring an Amendment to Task Order*

- A. *Advance Written Authorization Required:* During performance under a Task Order, Owner may authorize Engineer in writing to furnish or obtain from others Additional Services of the types listed below. Unless expressly indicated above or in the specific Task Order to be included Basic Services, the following services are not included as part of Basic Services and will be paid for by Owner as Additional Services, using the basis of compensation for Additional Services, as indicated in the specific Task Order.
1. Preparation of applications and supporting documents (in addition to those furnished under Basic Services) for private or governmental grants, loans, or advances in connection with the Specific Project; preparation or review of environmental assessments and impact statements; review and evaluation of the effects on the design requirements for the Specific Project of any such statements and documents prepared by others; and assistance in obtaining approvals of authorities having jurisdiction over the anticipated environmental impact of the Specific Project.
  2. Services to make measured drawings of existing conditions or facilities, to conduct tests or investigations of existing conditions or facilities, or to verify the accuracy of drawings or other information furnished by Owner or others.
  3. Services resulting from significant changes in the scope, extent, or character of the portions of the Specific Project designed or specified by Engineer, or the Specific Project's design requirements, including, but not limited to, changes in size, complexity, Owner's schedule, character of construction, or method of financing; and revising previously accepted studies, reports, Drawings, Specifications, or Construction Contract Documents when such revisions are required by changes in Laws and Regulations enacted subsequent to the Effective Date of the Task Order or are due to any other causes beyond Engineer's control.
  4. Services resulting from Owner's request to evaluate additional Study and Report Phase alternative solutions beyond those agreed to in Paragraph A1.01.A.1 and 2.
  5. Services required as a result of Owner's providing incomplete or incorrect Specific Project information to Engineer.
  6. Providing renderings or models for Owner's use, including services in support of building information modeling or civil integrated management.
  7. Undertaking investigations and studies including, but not limited to:
    - a. detailed consideration of operations, maintenance, and overhead expenses;
    - b. based on the engineering and technical aspects of the Project, the preparation of feasibility studies (such as those that include projections of output capacity, utility project rates, project market demand, or project revenues) and cash flow analyses, provided that such services do not include rendering advice regarding municipal financial products or the issuance of municipal securities;

- c. preparation of appraisals;
  - d. evaluating processes available for licensing, and assisting Owner in obtaining process licensing;
  - e. detailed quantity surveys of materials, equipment, and labor; and
  - f. audits or inventories required in connection with construction performed or furnished by Owner.
8. Furnishing services of Consultants for other than Basic Services.
  9. Providing data or services of the types described in Exhibit B, when Owner retains Engineer to provide such data or services instead of Owner furnishing the same.
  10. Providing the following services:
    - a. Services attributable to more prime construction contracts than specified in Paragraph A1.03.C or the specific Task Order.
    - b. Services to arrange for performance of construction services for Owner by contractors other than the principal prime Contractor, and administering Owner's contract for such services.
  11. Services during out-of-town travel required of Engineer, other than for visits to the Site or Owner's office as required in Basic Services.
  12. Preparing for, coordinating with, participating in and responding to structured independent review processes, including, but not limited to, construction management, cost estimating, project peer review, value engineering, and constructibility review requested by Owner; and performing or furnishing services required to revise studies, reports, Drawings, Specifications, or other documents as a result of such review processes.
  13. Preparing additional bidding-related documents (or requests for proposals or other construction procurement documents) or Construction Contract Documents for alternate bids or cost estimates requested by Owner for the Work or a portion thereof.
  14. Assistance in connection with bid protests, rebidding, or renegotiating contracts for construction, materials, equipment, or services, except when such assistance is required to complete services required by Paragraph 5.02.A and Exhibit F.
  15. Preparing conformed Construction Contract Documents that incorporate and integrate the content of all Addenda and any amendments negotiated by Owner and Contractor.
  16. Providing Construction Phase services beyond the original date for completion and readiness for final payment of Contractor, but only if such services increase the total quantity of services to be performed in the Construction Phase, rather than merely shifting performance of such services to a later date.
  17. Preparing Record Drawings, and furnishing such Record Drawings to Owner.

18. Supplementing Record Drawings with information regarding the completed Project, Site, and immediately adjacent areas obtained from field observations, Owner, utility companies, and other reliable sources.
  19. Conducting surveys, investigations, and field measurements to verify the accuracy of Record Drawing content obtained from Contractor, Owner, utility companies, and other sources; revise and supplement Record Drawings as needed.
  20. Preparation of operation, maintenance, and staffing manuals.
  21. Protracted or extensive assistance in refining and adjusting of Project equipment and systems (such as initial startup, testing, and balancing).
  22. Assistance to Owner in training Owner's staff to operate and maintain Specific Project equipment and systems.
  23. Assistance to Owner in developing systems and procedures for (a) control of the operation and maintenance of Project equipment and systems, and (b) related recordkeeping.
  24. Preparing to serve or serving as a consultant or witness for Owner in any litigation, arbitration, mediation, lien or bond claim, or other legal or administrative proceeding involving the Project.
  25. Overtime work requiring higher than regular rates.
  26. Providing construction surveys and staking to enable Contractor to perform its work other than as required under Paragraph A1.05.A.8, and any type of property surveys or related engineering services needed for the transfer of interests in real property; and providing other special field surveys.
  27. Providing more extensive services required to enable Engineer to issue notices or certifications requested by Owner.
  28. Excessive services during any correction period, or with respect to guarantees called for in the Construction Contract (except as agreed to under Basic Services).
  29. Provide assistance in responding to the presence of any Constituent of Concern at any Site, in compliance with current Laws and Regulations.
  30. Other additional services performed or furnished by Engineer not otherwise provided for in this Agreement.
- B. *Advance Written Authorization Not Required:* Engineer shall advise Owner in advance that Engineer will immediately commence to perform or furnish the Additional Services of the types listed below. For such Additional Services, Engineer need not request or obtain specific advance written authorization from Owner. Engineer shall cease performing or furnishing such Additional Services upon receipt of written notice from Owner. Unless expressly indicated above or in the specific Task Order to be included Basic Services, the following services are not included as part of Basic Services and will be paid for by Owner as Additional Services, using the basis of compensation for Additional Services, as indicated in the specific Task Order.

1. Services in connection with Work Change Directives and Change Orders to reflect changes requested by Owner.
2. Services in making revisions to Drawings and Specifications occasioned by the acceptance of substitute materials or equipment other than "or equal" items; services after the award of the Construction Contract in evaluating and determining the acceptability of a proposed "or equal" or substitution which is found to be inappropriate for the Project; evaluation and determination of an excessive number of proposed "or equals" or substitutions, whether proposed before or after award of the Construction Contract.
3. Services resulting from significant delays, changes, or price increases occurring as a direct or indirect result of materials, equipment, or energy shortages.
4. Additional or extended services arising from (a) the presence at the Site of any Constituent of Concern or items of historical or cultural significance, (b) emergencies or acts of God endangering the Work, (c) damage to the Work by fire or other causes during construction, (d) a significant amount of defective, neglected, or delayed Work, (e) acceleration of the progress schedule involving services beyond normal working hours, or (f) default by Contractor.
5. Services (other than Basic Services during the Post-Construction Phase) in connection with any partial utilization of the Work by Owner prior to Substantial Completion.
6. Evaluating unreasonable or frivolous requests for interpretation or information (RFIs), Change Proposals, or other demands from Contractor or others in connection with the Work, or an excessive number of RFIs, Change Proposals, or demands.
7. Reviewing a Shop Drawing or other Contractor submittal more than three times, as a result of repeated inadequate submissions by Contractor.
8. While at the Site, compliance by Engineer and its staff with those terms of Owner's or Contractor's safety program provided to Engineer subsequent to the Effective Date that exceed those normally required of engineering personnel by federal, State, or local safety authorities for similar construction sites.