

This is **EXHIBIT A**, consisting of 12 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated March 25, 2013.

Engineer's Services

Article 1 of the Agreement is supplemented to include the following agreement of the parties.

HDR Engineering was selected by the City of Gillette to complete design services for the Gillette Avenue Improvements project. HDR Engineering will complete all aspects of the design with subcontractor support of Strata for geotechnical services, and Fourfront Design, Inc. for landscape/streetscape design.

HDR's project approach has been carefully developed based on our directly relevant experience with multiple urban downtown street design projects and our inclusive understanding of City specific needs and goals for this project. For the purposes of the City budgeting cycles, it is anticipated that the contract fee will be awarded in three phases for Phase 1-Preliminary Design, Phase 2-Final Design & Bidding, and Phase 3-Construction Administration support. The following key items and task list covers Phases 1 and 2 to address the general considerations noted in the Request for Proposals.

Engineer shall provide Basic and Additional Services as set forth below.

PART 1 – BASIC SERVICES

TASK 100 – Project Management Tasks (Phases 1 & 2)

101 Project Management: HDR project management activities include the tasks of setting up the contract documents, planning the project activities, communicating task responsibilities with the project team, and closely tracking project budgets and schedules.

102 Project Coordination: In order to meet the schedule and tasks detailed for the project, a team comprised of City of Gillette and HDR team personnel will be established. This team will maintain a line of communication through phone, email, mail, and meetings. HDR will work closely with the public, private utilities, state departments, and municipalities which will be a key element in a successful project. HDR will also maintain control of our subcontractors on the project to ensure that they stay on task and schedule so that City staff may maintain one singular point of contact.

103 Quality Control / Administration: HDR has established an effective QC program to ensure that all work meets the standard of HDR and our clients. The QA/QC representative for this project will be James Unruh. Mr. Unruh has been recognized as a Professional Associate within HDR and is known as a technical expert in all aspects of roadway design. He will be involved throughout the project and can be contacted at any point if the quality of services becomes a concern. His tasks involve a detailed internal review of the design and construction documents that is separate from the on-going checking and review process that occurs during the design of the project. The internal review shall include constructability review, a thorough check for errors and omissions, review of quantities, plan clarity, and project scope requirements. Additional discipline specific QC reviews will also be conducted by highly qualified HDR professionals outside of the project team for key items such as electrical, signals, etc.

In addition to the technical reviews of the project design, Management Reviews will also be conducted periodically that will monitor the project schedule and design budget to identify any issues early on so that they can be corrected before they jeopardize a successful completion of the project.

TASK 100 - Meetings

- Project Coordination Meetings

TASK 100 – Deliverables

- Monthly Project Status Reports

TASK 200 - Preliminary Design Services (Phase 1)

This task consists of all services necessary to take the project from beginning through the Preliminary Design Submittal stage, and includes the following itemized services.

201 Review Project Background: Data gathering for this project has already commenced by HDR staff so efforts here will focus on compiling any additional information needed and making sure it's complete and ready for beginning the design.

202 Project Kick-off Meeting: The project kickoff meeting is a key component in establishing the project organization and communication guidelines that will be used throughout the project. HDR will meet with City staff to detail project concept and scope. HDR will prepare an agenda, take minutes, and distribute minutes.

203 Topographic Survey: A complete topographic survey will be completed for the entire project area. Survey will be tied to City of Gillette control data and include coordinating with utilities for locates.

204 Typical Roadway Sections / Modeling: The proposed typical sections and roadway layouts will be reviewed from the Gillette Downtown Plan and developed into geometrics to accommodate driving lanes, parking, and sidewalk areas. This task will also include incorporating the hybrid "Convertible Street" on 3rd Street east of Gillette Avenue using removable traffic barriers as part of this effort.

205 Preliminary Gradeline: Based on the proposed geometrics, roadway preliminary gradelines will be developed to accommodate matching the existing connections points and drainage slopes. Key items in this preliminary task are to set the curb and gutter grades to account for building elevations and ADA cross slope requirements while maintaining positive longitudinal flows. The roadway slopes and crown locations will be developed off of these curb and gutter grades for a customized street elevation plan rather than a simple typical section design.

206 ADA Sidewalk Review and Design: Once the typical sections and street geometrics have been preliminarily set, HDR and the design team will closely review crosswalk locations and pedestrian access points to accommodate layouts and grades requirements to meet ADA standards.

207 Drainage Analysis and Storm Sewer Design: HDR will review the URS Storm Water Master Plan and evaluate the drainage components to locate pipe and inlet locations and sizes to accommodate City design standards. The drainage evaluation area shall consist of the projected project limits plus any additional areas that contribute to the system such as side streets and roof areas. Specific attention will be given to existing roof drains and properly connecting them to the storm sewer system.

208 City Utility Design and Layout: HDR will coordinate directly with utility companies to ensure that all existing utilities are accurately identified and located in the field; that pertinent information regarding depth, material, size, etc. are noted on the plans; any upgrades to their infrastructure desired with the project are identified and accounted for in design; and that conflicts requiring relocation of utilities or special construction techniques are fully specified in the contract documents. Watermain layout will include modeling of the City of Gillette distribution system in the project area to verify that the proposed 12" main is sufficient to meet current and future fire flow requirements. Preliminary plans shall be provided to the pertinent utilities for comment at the time that they are complete followed by a specific private utility coordination meeting.

209 Building Structure Survey & Report: Due to concerns about the existing conditions of building structures in the project area and potential impacts during construction, a detailed field survey will be conducted with photos, videos, and measures to adequately documents the baseline structure conditions. Any areas of concern will be identified and noted in the report along with recommended repairs, protection, or construction methods to be used in attempt to prevent damage. Specific attention shall be given to building structures with basements. HDR personnel will coordinate with business and landowners to gain access as possible to view and document those building foundations and utility connections.

210 Electrical / Lighting Design and Layout: The base design of the electrical system shall be to provide infrastructure to power the street light and traffic signal systems. HDR also anticipates additional power circuits to be implemented into design for streetscaping items and potentially event/vendor power locations. This will be integrated with various site elements, public art, structures, street furnishings, and landscape elements. Louvered direct lighting will be utilized for specific areas such as stairs or ramps to minimize glare and maximize safety.

211 Traffic Signal Design and Layout: Based on our discussions with City staff, HDR anticipates design for a full replacement of the traffic signal systems at 2nd street with the removal of the signal at 4th. The signal infrastructure at this location will be updated to meet the design life of the new roadway and there's potential for a need to relocate the existing pole bases to meet updated roadway geometrics and ADA requirements. Existing poles may be reused where applicable and can be refurbished with new finishes and hardware to meet the colors and styles of the streetscape items. We also recommend including electrical conduits/infrastructure to interconnect the system to maximize coordination.

It is also our understanding that these signal locations will first be re-evaluated to verify where warrants are met. HDR's highly experienced traffic engineers will also be available to evaluate this data and perform analysis if requested as additional services. They will also provide recommended turn lane storage lengths to correspond with existing and future ADT in their signal timing plans.

212 WYDOT Coordination Meetings: HDR shall coordinate and conduct up to two (2) meetings with WYDOT staff concerning the roadway, utility, drainage, signal, and traffic control phasing work within the Highway 14/16 intersection with Gillette Avenue.

213 Traffic Control Phasing Concepts / Report: HDR shall evaluate project limits and provide up to three (3) conceptual traffic control plans to discuss with City staff. Plan concepts will include full closure per block and partial closures showing all streets and alleys that may be impacted by the construction. Projected construction timelines will be assembled for the concepts so that a comparison of the pros and cons can be evaluated. These concepts will be refined based on staff input and presented at a public meeting for further input before providing a recommendation. Final plans will provide a detailed traffic control plan showing all devices required for a Manual on Uniform Traffic Control Devices (MUTCD) compliant plan and will show all existing signage, pavement markings, etc. All work zones, road closures, lane closures, and pavement marking removals shall be indicated on the plans. Traffic control plans shall indicate suggested sequence, intent, and general guidelines, but will also allow the contractor to submit alternate phasing plans for City approval.

214 Right of Way & Easements: HDR will identify right-of-way (ROW) and permanent and temporary construction easements acquisition needs for project and contractor staging area. This will include size and extent of such ROW and easements and contact information of property owners. We will assist the City with easement(s) acquisition, obtain property owner contact information, prepare easement and ROW exhibits as necessary, conduct property owner meetings for easement and ROW acquisition, and document acquisition meetings. Any needed ROW/Easement acquisitions shall follow City of Gillette guidelines.

215 Permanent Signing Design and Layout: HDR shall complete a detailed inventory of existing signage and coordinate with City staff on the recommended items to reinstall with proposed locations. HDR will review additional MUTCD signing and striping requirements for implementation into final design.

216 Private Utility Coordination: We will coordinate directly with private utility companies to ensure that all existing utilities are accurately identified and located in the field; that pertinent information regarding depth, material, size, etc. are noted on the plans; any upgrades to their infrastructure desired with the project are identified and accounted for in design; and that conflicts requiring relocation of utilities or special construction techniques are fully specified in the contract documents. Preliminary plans shall be provided to the pertinent utilities for comment at the time they are complete followed by a specific private utility coordination meeting.

217 Prepare a preliminary 50% "Engineer's Estimate": An estimate of probable construction cost for the project using bid items and expected unit prices for the quantities estimated will be completed.

218 Prepare Preliminary Design Report & 50% Plan Submittal: HDR will establish and indicate project specific design criteria and standards within the Preliminary Design Report (PDR). HDR will submit design assumptions, design life, design criteria, and reference of design resources. The PDR will evaluate and recommend pavement design based on a life cycle cost analysis, preliminary horizontal and vertical alignment for utilities, roadways, traffic analysis, and other public improvements. The PDR will also establish pipe sizes, lane configurations drainage system capacity, etc and provide justification for the facility and analysis of alternatives and will establish design criteria and standards. HDR will submit the PDR and preliminary plans and specifications for review and comment. Prepare preliminary plan and profile sheets including locations of existing and new utilities and street alignment. Show existing utilities locations with probable depths.

219 Quality Control / Administration: QC items anticipated in this task are discipline-specific checks of calculations and design basis for drainage, roadway, utility, ROW, etc. items to be incorporated into the design recommendations prior to presentation to City of Gillette staff.

TASK 200 – Meetings

- Project Kickoff Meeting
- WYDOT Coordination Meetings (2)
- Traffic Control Phasing Meeting
- Private Utility Coordination Meeting
- 50% Plan Review Comment Meeting

TASK 200 – Deliverables

- Project Kickoff Meeting Minutes
- Technical Memo #2A – Water System Modeling Analysis
- Technical Memo #2B – Building Structure Survey Report
- WYDOT Coordination Meeting Minutes
- Technical Memo #2C – Traffic Control Phasing Concepts
- Technical Memo #2D – Permanent Signing Inventory
- Private Utility Coordination Letter
- Private Utility Meeting Minutes
- 50% Design Report & Plan Submittal
- 50% Cost Estimate

TASK 300 – Public Involvement Services (Phases 1 & 2)

This task consists of a comprehensive public involvement plan that will encompass the full range of stakeholders throughout the length of the design process.

301 Public Meetings: HDR shall arrange and conduct one public meetings/open house in Phase 1 with an additional meeting anticipated for Phase 2. These meetings will be held at strategic times in the design process with the goal of both soliciting input and ideas from stakeholders as well as keeping them intimately informed of the project details and schedule. Since the on-going Gillette Downtown Plan project has included public input on the streetscaping components, HDR's efforts will build on those concepts while shifting focus to construction impacts such as utility impacts and potential construction phasing/traffic control concepts. HDR will compile the public comments and concerns and provide written recommendations for City staff review regarding possible inclusion or exclusion of such requests.

302 City Council Workshop: We will attend project review meeting with City staff and present to City Council during a workshop session or council meeting. We also anticipate attending council meeting to provide project updates. Expected topics of discussion include project design components, traffic control phasing, and potential contract incentives.

303: Conduct Property Owner Meetings: The HDR team will conduct up to twelve (12) individual property owner meetings over a two day period regarding potential construction impacts, temporary easement needs, and specific project issues and components.

304 Quality Control / Administration: QC items for this task are anticipated to include review of public meeting presentation items from HDR public involvement specialist for edits and ideas.

TASK 300 – Meetings

- Public Meeting (2)
- City Council Workshop
- Property Owner Meetings (2 Days)

TASK 300 – Deliverables

- Public Meeting figures, presentations
- Public Meeting Summary (2)
- City Council Workshop Summary
- Property Owner Meeting Report

TASK 400 - Final Design Services (Phase 2)

This task consists of all services necessary to take the project from preliminary design through the Final Design Submittal stage, and includes the following itemized services.

401 – 427 Final Plan Production: The HDR team will address City comments from the 50% plan submittal and finalize Preliminary Design Report. Provide complete plans and specifications for a unit price construction contract utilizing the latest City of Gillette CAD standards.

428 Bid Booklet & Project Specifications: HDR will provide standard City of Gillette bidding documents with applicable special provisions, additional contract stipulations for phasing and scheduling, and special specification sections as necessary

429 Prepare an updated 90% “Engineer’s Estimate”: Estimate of probable construction cost for the project using standard city bid items and estimated unit prices shall be provided.

430 Prepare 90% Plan Submittal: Provide complete set of construction plans for a unit price contract utilizing the latest City of Gillette CAD standards.

431 Address City Review Comments: HDR shall address 90% submittal City review comments as necessary and complete final project documents. Resolution to comments shall either be incorporated with appropriate edits or a response will be prepared and discussed with the City project manager. The Final Design Services submittal will be made to the City when HDR believes the plans, specifications, contract documents, and opinion of probable construction costs are 100% complete.

432 Quality Control / Administration: QC items for this task will include a detailed review of the plan documents for adherence to CAD requirements along with plan note and quantity checks prior to submittals for City reviews.

TASK 400 – Meetings

- 90% Plan Review Comment Meeting

TASK 400 – Deliverables

- 90% Bid Booklet & Specifications
- 90% Plan Submittal
- 90% Cost Estimate

TASK 500 - Landscape Architectural Preliminary Design Services (Phase 1)

These tasks consist of services necessary for Fourfront Design Inc. to take the project from the Gillette Downtown Development Plan concepts through refinement in the Preliminary Design includes the following supplemental itemized services.

500 Review Project Background/ Analysis of Study: Following the completion of the Gillette Downtown Plan, we will overview the design effort and base improvements to pedestrian areas and landscape elements on the Study. We will initially align these efforts with City of Gillette Standards and identify integration opportunities with Civil, Electrical, Signage, and Vehicular Design as well as that of stakeholders and the public.

Review of early concepts of the Downtown Plan has already been started by FourFront Landscape Architects and Planning staff and we have made it a point to participate where possible to make the bridging effort to Construction Documents streamlined.

501 Inventory: We will meet with City and Stakeholders and inventory streetscape existing conditions; including but not limited to interaction of existing pedestrian areas with building facades, landscape elements, pedestrian features, infrastructure, signage, and the existing built environment. We will pay particular attention to the existing landscape plantings and consider their long term value and potential strategies for preservation and incorporation.

502 Updates to RDG Final Proposed Plan: We will create a working base of proposed pedestrian improvements from materials provided by City of Gillette and assist HDR with creation of working base of streetscape. We will follow up alignment of the plan with stakeholders and recommendations in the study to make sure that design direction is supported, and identify opportunities to refine or improve without significant cost implication.

503 Geometric Bump Out Design and Convertible Streets: Pedestrian nodes or “Bump Outs” will be developed from the Downtown Plan and from past project experience and will be coordinated with traffic routes and geometry. Our plan is to incorporate a hybrid “Convertible Street” using removable traffic barriers as part of this effort. These barriers will be part of node (bump out) design and will be

integrated with infrastructure and structural concrete. Also key to this effort will be maintain clear zone requirements for height limitation of service and emergency vehicles as part of the Convertible Street.

504 Integration with Lighting Design: In collaboration with the Design Team and in particular the Lighting and Electrical Disciplines, we will collaborate with determination of lighting needs for key pedestrian or art display areas or structures required for pedestrian movement (ramps or stairs) while modifying planting design to integrate with area or overhead or theme lighting.

505 Initial Design Preparation: We will integrate the concepts from the Downtown Plan into geometric layouts and overall preliminary designs as per Task 200 series elements. This will include but not be limited to “bump outs”, site furnishings, art display areas, landscape design, and pedestrian plazas, sidewalks, or other areas. We will also support preparation of Preliminary Design Reports through narratives, product information, and other means.

506 Prepare iterations for presentation to City Council and Stakeholders: We will prepare visual materials of the evolution of preliminary design from the Final Study and prepare them for public meeting presentation showing the evolution of the Final Study into geometrically refined product through Preliminary Design efforts.

507 Illustrations and Renderings of Conceptual Plans: We will assist the Design Team in this phase by creating rendered illustrations, plans, and perspectives of conceptual work for use in presentations, press releases, or for relevant meetings such as Open Houses, City Council, Parks Board, or other needed.

508 Prepare Preliminary Design Report: Using all materials developed and direction taken during the Preliminary Design Phase; we will summarize project status in written documentation using Engineer’s format. This will be supported with references, illustrations, meeting minutes, and other key information. We will support the Prime Consultant in this effort and our portion of work will be specific to landscape and pedestrian areas as well as any amenities or pedestrian furnishings.

509 Prepare preliminary 50% “Engineer’s Estimate”: Probable construction cost for the project using bid items and expected unit prices for the quantities estimated for landscape and pedestrian facilities shall be prepared.

Landscape Architectural Representation (Phase 1)

510 Project Kick-off Meeting: We will attend kick off meeting to support HDR and better understand project needs and will collaborate with the City appointed Project Manager. HDR will prepare an agenda, take minutes, and distribute minutes. Travel time will be estimated per Gillette Office.

511 Public Status Meetings: We will periodically meet with City Council and Parks Board to provide clarification on project status at key milestones; including Preliminary Design, Final Design, and at time relevant for Parks Board Presentation. The time will be utilized for information sharing, clarification, and understanding. Meetings will be scheduled in collaboration with HDR and with City Engineer, Planner and other City Staff involved with project as recommended.

512 Internal Status Meetings: We will periodically meet with City Representatives and Stakeholders to provide clarification on project status at key milestones; including presenting iterations of Conceptual Plans, Preliminary Design, and Final Design. The time will be utilized for information sharing, clarification, and understanding. Meetings will be scheduled in collaboration with project efforts by Prime Consultant.

Landscape Architectural Final Design Services (Phase 2)

This task consists of all services necessary to take the project from preliminary design through the Final Design Submittal stage, and includes the following itemized services.

513 Geometric Bump-Out Design and Convertible Streets: Pedestrian nodes or “Bump Outs” will be refined from the review of City of Gillette and via collaboration with Design Team. Traffic Barriers

will be selected and detailed in collaboration with Design Team and End User (i.e. Parks Department) who will utilize and upkeep them and well as evaluated for conflicts. Traffic will be modeled for use by design vehicles and adjustments made in final details.

514 Pedestrian Area Design and Details: Sidewalks, Plazas, and other non-Vehicular Areas will be refined and detailed in accordance with City of Gillette typical standards as well as the Preliminary Designs. ADA criteria will be utilized in all feasible locations and we will integrate street design, infrastructure, lighting, signage, and the existing built environment into Final Design Documents.

515 Landscape Design and Details: Areas planned for landscape enhancement will be prepared per Landscape Architectural Standards and aligned with street design nomenclature (Station and Offset, for example) as well as per City of Gillette Standards and Specifications as by Parks Department.

516 Irrigation Design and Details: Areas planned for landscape enhancement will be supported by permanent irrigation systems prepared per Landscape Architectural Standards and aligned with City of Gillette Standards and Specifications as by Parks Department. We will incorporate requirements for winterization and connectivity as part of this effort.

517 Illustrations and Renderings of Final Plans: We will assist the Design Team in this phase by creating rendered illustrations, plans, and perspectives of final work for use in presentations, press releases, or for relevant meetings such as Open Houses, City Council, Parks Board, or other needed.

518 Representation: We will assist with representation specific to Landscape Architectural Tasks as needed at Progress Meetings, Parks Board meetings, Parks Department interface, Public Presentations, City Council Meetings, or other required milestones.

519 Contract Documents: We will assist with preparation of an updated 90% “Engineer’s Estimate” of probable construction cost for the project using bid items and estimated unit prices, a 90% Plan Submittal set of construction plans for a unit price contract utilizing the latest City of Gillette CAD standards, and Bid Booklet & Project Specifications per City of Gillette bidding documents with applicable special provisions, additional contract stipulations for phasing and scheduling, and special specification sections (Landscape for Example) as necessary.

520 Quality Control / Administration: QC items for this task will include a detailed review of the plan documents for adherence to CAD requirements along with plan note and quantity checks prior to final submittal for City Use.

521 Address City Review Comments: We shall address 90% submittal City review comments as necessary and complete final project documents. Resolution to comments shall either be incorporated with appropriate edits or a response will be prepared and discussed with the City project manager. The Final Design Services submittal will be made to the City when the consultant believes the plans, specifications, contract documents, and opinion of probable construction costs are 100% complete.

522 Prepare Final “Engineer’s Estimate”: Estimate of probable construction cost will be finalized to support Prime Consultant for the project using bid items and expected unit prices for the quantities estimated for landscape and pedestrian facilities.

Landscape Architectural Bidding Services (Phase 2)

This task consists of all services necessary to support the Design Team and City Project Manager during bidding.

523 Bidding Assistance: We will support Design Team via public bidding process with plan distribution, Prebid Meeting, Responding to RFI and or preparation of Addenda, and Bid Review/Recommendations.

TASK 500 – Meetings

- Project Kickoff Meeting

- Public Status Meetings (3)

TASK 500 – Deliverables

- Project Kickoff Meeting Minutes
- Streetscape Inventory
- Iterations and Presentation for Council and Public Meetings
- Preliminary Design Report
- 50% Cost Estimate

TASK 600 – Bidding Services (Phase 2)

This task consists of all services necessary for the administration and coordination with City Purchasing of the Bidding Services of the project, and is estimated to include the following itemized services.

601 Plan Distribution: Submit sufficient information to the City of Gillette project manager for the preparation of advertising, printing plans and specifications for distribution to bidders and plan houses, and notification of contractors.

602 Arrange and Conduct a Pre-Bid Meeting: Record attendance and minutes. Distribute copies to all attendees.

603 Respond to Contractor RFI's: Issue addenda to the bid documents as required.

604 Prepare a Bid Tabulation: HDR shall attend the bid opening and evaluate the bids inconsistencies, miscalculations, unbalanced bids, and reasonableness of unit costs to provide a recommendation of award.

605 Quality Control and Administration:

TASK 600 – Meetings

- Pre-Bid Meeting
- Bid Opening

TASK 600 – Deliverables

- Pre-Bid Meeting Minutes
- Bid Addenda (as needed)
- Bid Tabulation & Recommendation

TASK 700 – Construction Administration Services (Phase 3)

Phase 3 services for this project are expected to consist of all services necessary for the administration of the Basic Construction Services of the project construction stage, and for the inspection on Expanded Construction Services of the project construction stage. HDR's scope and associated man-hours is expected to be discussed and negotiated with City staff at the conclusion of Phase 2 final design and bidding.

PART 2 – ADDITIONAL SERVICES

A2.01 *Additional Services Requiring Owner's Written Authorization*

- A. If authorized in writing by Owner, Engineer shall furnish or obtain from others Additional Services of the types listed below.
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 Project; preparation or review of environmental assessments and impact statements; review and evaluation of the effects on the design requirements for the 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 Project.
 2. Services to make measured drawings of or to investigate 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 Project designed or specified by Engineer or its 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 Contract Documents when such revisions are required by changes in Laws and Regulations enacted subsequent to the Effective Date 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 identified in Paragraph A1.01.A.4.
 5. Services required as a result of Owner's providing incomplete or incorrect Project information to Engineer.
 6. Providing renderings or models for Owner's use.
 7. Undertaking investigations and studies including, but not limited to, detailed consideration of operations, maintenance, and overhead expenses; the preparation of financial feasibility and cash flow studies, rate schedules, and appraisals; assistance in obtaining financing for the Project; evaluating processes available for licensing, and assisting Owner in obtaining process licensing; detailed quantity surveys of materials, equipment, and labor; and audits or inventories required in connection with construction performed by Owner.
 8. Furnishing services of Consultants for other than Basic Services.

9. Services attributable to more prime construction contracts than specified in Paragraph A1.03.D.
10. Services during out-of-town travel required of Engineer other than for visits to the Site or Owner's office.
11. 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 Bidding Documents as a result of such review processes.
12. Preparing additional Bidding Documents or Contract Documents for alternate bids or prices requested by Owner for the Work or a portion thereof.
13. Assistance in connection with Bid protests, rebidding, or renegotiating contracts for construction, materials, equipment, or services, except when such assistance is required by Exhibit F.
14. Providing construction surveys and staking to enable Contractor to perform its work other than as required under Paragraph A1.05.A.6, 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.
15. Providing Construction Phase services beyond the original date for completion and readiness for final payment of Contractor.
16. Providing assistance in responding to the presence of any Constituent of Concern at the Site, in compliance with current Laws and Regulations.
17. Preparing Record Drawings showing appropriate record information based on Project annotated record documents received from Contractor, and furnishing such Record Drawings to Owner.
18. Preparation of operation and maintenance manuals.
19. Preparing to serve or serving as a consultant or witness for Owner in any litigation, arbitration, or other dispute resolution process related to the Project.
20. Providing more extensive services required to enable Engineer to issue notices or certifications requested by Owner.
21. Assistance in connection with the adjusting of Project equipment and systems.
22. Assistance to Owner in training Owner's staff to operate and maintain Project equipment and systems.
23. Assistance to Owner in developing procedures for (a) control of the operation and maintenance of Project equipment and systems, and (b) related record-keeping.

24. Overtime work requiring higher than regular rates.

25. Other services performed or furnished by Engineer not otherwise provided for in this Agreement.

A2.02 Additional Services Not Requiring Owner's Written Authorization

A. Engineer shall advise Owner in advance that Engineer is 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.

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 during construction made necessary by (1) emergencies or acts of God endangering the Work (advance notice not required), (2) the presence at the Site of any Constituent of Concern or items of historical or cultural significance, (3) Work damaged by fire or other cause during construction, (4) a significant amount of defective, neglected, or delayed work by Contractor, (5) acceleration of the progress schedule involving services beyond normal working hours, or (6) default by Contractor.
5. Services (other than Basic Services during the Post-Construction Phase) in connection with any partial utilization of any part of the Work by Owner prior to Substantial Completion.
6. Evaluating an unreasonable claim or an excessive number of claims submitted by Contractor or others in connection with the Work.
7. Services during the Construction Phase rendered after the original date for completion of the Work referred to in A1.05.B.
8. Reviewing a Shop Drawing more than three times, as a result of repeated inadequate submissions by Contractor.
9. 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.