

For City of Yakima Use Only:

Contract No. 2011-085 _____
Project No. AC2335 _____
Resolution No. R-2011-154 _____
SOQ No. _____

AGREEMENT FOR PROFESSIONAL SERVICES

ADDENDUM NO. 4

This Addendum, hereinafter identified as Addendum No. 4, is hereby entered into and made a part of the Agreement between City of Yakima, Washington, and Golder Associates, Inc., for Professional Services first entered into on the 9th day of April, 2010, by the CITY OF YAKIMA, hereinafter called the "CITY," and GOLDER ASSOCIATES, INC., hereinafter called the "ENGINEER."

WITNESSETH: That in consideration of the mutual covenants and agreements herein contained, the parties hereto do mutually agree to amend, revise, and/or add the following to the referenced Agreement:

SECTION 2 - SCOPE OF SERVICES

- 2.1 Basic Services: In addition to the duties set forth in the underlying agreement, ENGINEER agrees to perform additional work tasks described in the attached **Addendum No. 4 Exhibit A: Permitting Support for the City of Yakima Water Intake Project (Project)**.

SECTION 5 - COMPENSATION

- 5.1 COMPENSATION ON A TIME SPENT BASIS AT SPECIFIC HOURLY RATES: For the services described in the attached **Addendum No. 4 Exhibit A**, compensation shall be on a time spent plus expenses basis at the ENGINEER's normal hourly billing rates shown on **Exhibit B**, attached to this agreement.

IN WITNESS WHEREOF the parties hereto duly enter into and execute this Addendum No. 4, as of this day of _____, 2018.

Other than specific amendments stated herein, all other terms, conditions and requirements of the underlying contract shall remain in full force and effect throughout the term of the underlying contract.

CITY OF YAKIMA

GOLDER ASSOCIATES, INC.

Signature

Signature

Printed Name: Cliff Moore

Printed Name: _____

Title: City Manager

Title: _____

Date: _____

Date: _____

Attest _____

Sonya Claar Tee, City Clerk

City Contract No. 2011-85 _____

Resolution No. R-2011-154 _____

ADDENDUM NO. 4

EXHIBIT A

CITY OF YAKIMA – NACHES RIVER HYDROTECHNICAL ENGINEERING SUPPORT FOR THE WATER TREATMENT PLANT INTAKE

SCOPE OF WORK

During the term of this AGREEMENT, the ENGINEER shall perform professional services in connection with the following project:

A scope of work is presented here to complete Permitting for the City of Yakima Water Intake Project (Project):

The initial project tasks addressing Data Review (Task 1), Site Reconnaissance (Task 2), and Reporting (Task 3) for the first phase of work have been completed, as indicated below. Meetings and Final Design tasks (4 and 5, respectively) are on-going. Development of hydraulic models, which includes data review and model development for a new intake structure and floodplain stabilization structures and reporting (Tasks 6 through 8) have been similarly completed. The new Permitting Support work (Task 9) is addressed in this addendum:

Task 1 – Data Review (COMPLETE)

Task 2 – Site Reconnaissance (COMPLETE)

Task 3 – Reporting (COMPLETE)

Task 4 – Meetings (IN PROGRESS)

Task 5 – Final Design (IN PROGRESS)

Task 6 – Develop 1D HEC-RAS Model (COMPLETE)

Task 7 – Develop 2D TUFLOW Model (COMPLETE)

Task 8 – Hydraulics Technical Memorandum (COMPLETE)

Task 9 – Permitting Support (NEW)

Detailed descriptions of the services are provided as follows:

Task 9 – Permitting Support for the City of Yakima Water Intake Project

Description: Prepare and submit City of Yakima Water Intake Project permits as described within the following subtasks 9a through 9f below.

Assumptions:

- Golder Associates, Inc. (Golder) will serve as the prime through permitting process and provide integrated engineering, coordination and project management.
- 48 North Solutions, Inc. (48 North), as a sub-contractor to Golder, to provide permit expertise, support, development, and coordination.
- This scope/budget is focused on developing and submitting permit level documents for Agency/regulatory permit review, generally using the currently developed Project design drawings and information; this scope/budget does not include detailed engineering effort or development of construction bid packages and drawings.
- No Habitat Management Plan or Mitigation Plan for the Project will be required as part of this scope.

- Permitting support provided by 48 North is as described herein and in more detail in their proposal dated December 14, 2017; and all information contained in that proposal are applicable to the work as described in this Addendum.
- Permitting effort and corresponding engineering effort assumes the current status of design is generally accepted by the Agencies and corresponding regulatory review of permit submittals, and that no significant changes to the design are required; any significant changes or modifications to the design or corresponding permit documents (after permit submittals as described herein) would require updating the scope/budget to reflect the required Agency changes.

Deliverables: As described in subsequent tasks.

Schedule: Final schedule to be coordinated with the City. Anticipated completion summer 2018. A working schedule will be initiated immediately upon start of the work, and then updated and revised as additional and/or new information is developed.

Task 9a – Project Management

Description: On-going project management throughout all subtasks to track resources, schedule, budgets, and deliverables for Golder staff and sub-contracted effort by 48 North.

Assumptions:

- Golder will serve as the prime and lead project management with support by 48 North.

Deliverables: Regularly scheduled meetings to update on status (anticipating every-other-week), email communications, monthly invoicing and billing statements, etc.

Schedule: Concurrently throughout Task 9.

Cost: \$4,650.

Task 9b – Design Drawings and Engineering

Description: Review and develop technical input, drawings, engineering, and related information for the permit documents.

Assumptions:

- Information developed to support permit submittal is not intended to meet the detailed design or engineering level.
- Includes permitting level estimates for material quantities, volumes, areas, specifications.
- Review/development of preliminary construction methods/engineering and water diversion options
- JARPA-formatted figures/drawings to support permit applications.
- 2-year peak flow estimates and inundation areas.

Deliverables: Technical input in the form of MS Word documents, drawings, emails, input, meeting coordination, etc. throughout the subsequent subtasks.

Schedule: Final schedule to be coordinated with the City and pending input from Agency/regulatory review; anticipated completion Q1-Q2/2018.

Cost: \$17,200.

Task 9c – Ordinary High Water Mark Determination

Description: Complete a field assessment and delineation of the Ordinary High Water Mark (OHWM).

Assumptions:

- The OHWM is needed to determine the project footprint to support permit submittals. OHWM will be determined for both sides of the Naches River channel and extend approximately 50-feet upstream and downstream of the expected construction limits, and will include a review of flow conditions.
- Location will be marked with flagging and tagged with hand-held GPS units so that a Washington-registered survey crew to be contracted by the City can come back and capture the locations.
- This subtask assumes that wetland delineations will not be completed.
- Site access will be coordinated by the City for field assessment and delineation.

Deliverables: Report summarizing the methods and conclusions of the delineated OHWM. This stand-alone report will accompany permits (addressed in subsequent subtasks); will include a description of the aquatic and terrestrial resources at the site and a description of the delineated OHWM boundaries.

Schedule: Final schedule to be coordinated with the City and pending input from Agency/regulatory review; anticipated completion Q1-Q2/2018.

Cost: \$15,100.

Task 9d – SEPA Checklist and Local Permitting

Description: Develop a standard State Environmental Policy Act (SEPA) Environmental Checklist, a Critical Areas Checklist, and the Shoreline Substantial Development permit applications.

Assumptions:

- SEPA Checklist will be sufficient for permitting requirements, and the project will not require an SEPA Environmental Impact Statement (EIS).
- Cultural Resources Report has been/will be completed by others (i.e. outside the scope of this effort).
- Package will be formatted and provided to the City for official submittal.

Deliverables: One (1) draft copy of the SEPA Checklist and each permit application in MS Word format for internal review, and then prepare the final permit documents for submittal.

Schedule: Final schedule to be coordinated with the City and pending input from Agency/regulatory review; anticipated completion Q1-Q2/2018.

Cost: \$16,300.

Task 9e – Joint Aquatic Resource Permit Application and Assessments

Description: Develop a Joint Aquatic Resource Permit Application (JARPA), Biological Assessment, and Essential Fish Habitat Assessment

Assumptions:

- Development of the JARPA will include the review of past communications between the City and the Federal and State agencies. An on-site meeting with the City is anticipated to be coordinated during the effort to complete the OHWM delineation.
- Biological Assessment (BA) is anticipated under the Endangered Species Act (ESA) for either an informal determination of “may affect, is not likely to adversely affect”, or formal determination of “may affect, is likely to adversely affect”. Consultation to the National Marine Fisheries Service (NMFS) and/or the US Fish and Wildlife Service (collectively called the “Services”) is expected. This subtask will coordinate with the Services to discuss the Project, and prepare the requested documentation summarizing the potential impacts of the Project on ESA-listed species.
- Essential Fish Habitat (EFH) Assessment will include preparation of an EFH assessment for NMFS review; the resulting determination will either be “may adversely affect” or “will not adversely affect” designated EFH. The EFH is expected to address Chinook and coho salmon. An effect of determination will be made for a group of species rather than for each species.

Deliverables: One (1) draft copy of the JARPA, BA, and EFH, and each permit application in MS Word format for internal review. A final package for submittal will be developed based on input and edits from the team and then submitted to the required agencies.

Schedule: Final schedule to be coordinated with the City and pending input from Agency/regulatory review; anticipated completion Q1-Q2/2018.

Cost: \$46,300.

Task 9f – Permit Submission Tracking

Description: Submittal tracking by 48 North of all applications.

Assumptions:

- This level of effort anticipates tracking to be completed through teleconference and email communications and does not anticipate in-person meetings with stakeholders or larger unexpected changes to the permit package.

Deliverables: 48 North will communicate via telephone and/or email with the respective agencies (addressed herein) to track permitting reviews and address questions, in order to keep the permitting process moving as efficiently as possible.

Schedule: Final schedule to be coordinated with the City and pending input from Agency/regulatory review.

Cost: \$4,000.

BUDGET SUMMARY

A subtask breakdown of costs and a total task cost is presented table below.

Table 1: Budget Summary

Task	Budget
Task 9a – Project Management	\$4,650
Task 9b – Design Drawings and Engineering	\$17,200
Task 9c – OHWM Determination	\$15,100
Task 9d – SEPA Checklist and Local Permitting	\$16,300
Task 9e – JARPA and Assessments	\$46,300
Task 9f – Permit Submission Tracking	\$4,000
Total	\$103,550

ADDENDUM NO. 4

EXHIBIT B



SCHEDULE OF FEES REDMOND, WASHINGTON

Effective January 1, 2017

Invoices from Golder Associates include labor charges, other direct costs, and costs associated with in-house services. Charges include only those services directly attributable to the execution of the work. Time spent when travelling in the interests of the work will be charged in accordance with the hourly rates.

Labor charges are based upon standard hourly billing rates for each category of staff. The billing rates include costs for salary, payroll taxes, insurance associated with employment, benefits (including holiday, sick leave, and vacation), administrative overheads, and profit. In some cases statutory overtime rates may apply. Rates by labor category are as follows:

ENGINEERS, SCIENTISTS, PROJECT MANAGERS AND REVIEWERS*		
Junior I	Level C1	\$100/h
Junior II	Level C2	\$110/h
Intermediate I	Level C3	\$135/h
Intermediate II	Level C4	\$165/h
Associate/Senior I	Level C5	\$185/h
Associate/Senior II	Level C6	\$215/h
Principal/Associate/Senior III	Level C7	\$230/h
Principal/Specialist	Level C8	\$250/h

ADMINISTRATIVE SUPPORT		
Admin Support	Level B1	\$75/h
Staff Admin Support	Level B2	\$85/h
Senior Admin Support I	Level B3	\$95/h
Senior Admin Support II	Level B4	\$105/h

TECHNICIANS/TECHNOLOGISTS		
Junior I	Level T1	\$80/h
Junior II	Level T2	\$100/h
Intermediate	Level T3	\$115/h
Senior	Level T4	\$125/h

CAD AND CIVIL ENGINEERING DESIGN TECHNOLOGISTS/ GIS /		
Draftsperson	Level D1	\$85/h
Staff Draftsperson	Level D2	\$95/h
Senior Draftsperson	Level D3	\$115/h

NOTES
The above rates are subject to revision.
A 7% charge will be added to the total fees to cover normal incidental office disbursements, including but not limited to associated communication charges, travel and document production.
A 15% carrying charge will be added to disbursements including materials, subcontractor costs, drilling or excavation services and use of external laboratory services.
* Rates for specialist services, including but not limited to litigation support, expert witness, including time spent in depositions and the preparation and presentations of testimony, and/or senior level consultation, and priority emergency level services are available upon request.
Rates for laboratory services and use of equipment owned by Golder Associates will be provided upon request.
<i>Special Note:</i> 1. The rates and charges listed above exclude applicable local and federal taxes The taxes will appear as a separate line item on each invoice.