

102630

Requisition Form

Vendor: Ayres Associates Inc.
3665 JFK Parkway, Bldg 2 Suite 100
Fort Collins, CO 80525

Today's Date: May 31, 2017
Ship To:
Vendor #:
Special Instructions:

Requisition No.: 58607
Date Entered: 12/21/17
Date Approved:
Date Denied:

Item #	Quantity	Unit	Description	Unit Price	Total	Charge Number
1	1	Is	Work Order 14: Halligan Water Supply Project – Continued Permitting Support	\$94,000.00	\$94,000.00	5020850302.521210.1

Requested By: Adam Jokerst DocuSigned by: Adam Jokerst 6/2/2017
 Authorized By: Carol Webb DocuSigned by: Jason Graham 6/2/2017

Jason Graham for Carol Webb

WORK ORDER
PURSUANT TO AN AGREEMENT BETWEEN
THE CITY OF FORT COLLINS
AND
Ayres Associates Inc.

DATED: 5/22/2015

Work Order Number:

Purchase Order Number:

Project Title: **Halligan Water Supply Project – Continued Permitting Support**

Original Bid/RFP Project Number & Name: **Contact 8073 for Engineering Services for Water, Wastewater, & Stormwater Facilities Capital Improvements**

Commencement Date: **6/1/2017**

Completion Date: **5/31/2018**

Maximum Fee: (time and reimbursable direct costs):**\$94,000**

Project Description: **Continued support for the Halligan Reservoir Enlargement Project: advise NEPA permitting issues, mitigation planning and design, and state and county permitting requirements.**

Scope of Services: **Letter dated May 30, 2017 Re: Anticipated Future Halligan Work Effort; Professional Services Rate Schedule**

Professional agrees to perform the services identified above and on the attached forms in accordance with the terms and conditions contained herein and in the Professional Services Agreement between the parties. In the event of a conflict between or ambiguity in the terms of the Professional Services Agreement and this work order (including the attached forms) the Professional Services Agreement shall control.

The attached forms consisting of two (2) pages are hereby accepted and incorporated herein, by this reference, and Notice to Proceed is hereby given.

Professional

By: James Schall
Date: 6/2/2017

City of Fort Collins
Submitted By: Adam Jakerst
Date: 6/2/2017

Reviewed by: Pat Johnson 6/1/2017
Buyer

Reviewed by: Jason Graham 6/2/2017
Water Resources & Treatment
Operations Manager

Approved by: _____
Utilities General Manager
(over \$1,000,000)

Approved by: Gerry S Paul
Date: 6/6/2017
Director of Purchasing & Risk Management
(if over \$60,000.)



May 30, 2017

Mr. Adam Jokerst
City of Fort Collins
Utilities Department
700 Wood Street
Fort Collins, Colorado 80522

Re: Anticipated Future Halligan Work Effort

Dear Adam;

Per your request, I have prepared a brief discussion of the scope of work and estimated level of effort for Ayres Associates support on the Halligan Reservoir enlargement project for another year. Our primary role to date has been as an advisor on water resource issues and NEPA related support, operating essentially as an extension of city staff. I anticipate continuing this same role in the future. At this point in the permitting process, work assignments might include occasional team meetings or meetings with regulators (federal, state and local), mitigation planning and design, and assistance with non-COE permitting requirements (e.g. County 1041, State 401 certification, BLM ROW, etc).

While I have been the primary Ayres staff person involved over the last 10 years, other Ayres staff are available as needed related to hydrology, water rights and drought issues (Dave Frick), hydraulics and floodplain issues (John Hunt), groundwater hydrology (Paul Clopper), geomorphology and sediment issues (Will deRossett), and geospatial services (Anthony Alvarado). As in the past, we could also provide subconsultant support on other permit related issues through our contract, including fisheries and aquatics support (Miller Ecological) and other biological sciences (e.g., Pioneer Environmental). Any of these disciplines may be necessary as we work through the final phases of the permitting process for this project.

I anticipate continuing to work on an as-needed basis, responding to specific work assignments and tasks you authorize. In that regard, it is difficult to estimate the level-of-effort as it can vary dramatically depending on the current issues in the permitting process. While many weeks involve no work, other weeks can be busy, such as when reviewing a work product from the COE or third party contractor, addressing a mitigation planning need, or assisting with tasks such non-federal options, etc. Assuming 200 hours of my time might be required over the next year results in a labor cost of approximately \$39,000 at my billing rate of \$195/hr. Review of the draft EIS work products may require other staff level technical support. We have also been assisting the City with occasional survey services at the dam site, primarily to satisfy State Engineer requirements. Allowing 200 total hours for this type of support (distributed between many possible disciplines and /or staff) adds about \$25,000 (assuming an average of \$125/hr). Finally, I suggest including \$30,000 for possible subconsultants, if needed.

Therefore, in total I am estimating \$94,000 for ongoing support. I assume this work order would be written under our current contract with the City, Contact 8073 for Engineering Services for Water, Wastewater, & Stormwater Facilities Capital Improvements.

If this doesn't provide the information you need, or you require greater detail, please let me know.

Sincerely,

Ayres Associates Inc.

A handwritten signature in black ink that reads "James D Schall". The signature is written in a cursive style.

James D. Schall, Ph.D., P.E.
Vice-President

JDS:sp

**EXHIBIT C
FEE SCHEDULES**



**AYRES ASSOCIATES INC
PROFESSIONAL SERVICES RATE
January 2015 – December 2015**

PERSONNEL	2015 (\$)
Principal Engineer/Senior Associate	195.00
Senior Engineer	175.00
Senior Project Manager	160.00
Project Manager	135.00
Senior Scientist	140.00
Project Engineer III	140.00
Project Engineer II	130.00
Project Engineer I	115.00
Engineer*/Scientist	95.00
Engineering Technician	70.00
Construction Resident	70.00
Senior Designer	115.00
Senior CADD Technician	95.00
CADD Technician	75.00
Word Processor/Technical Editor/Contract Administrator	75.00
Clerical/Billing Clerk	55.00
*Graduate Engineer without P.E. license	
**Deposition and Litigation - 50% surcharge on hourly rates	

*College graduate in engineering, but not yet licensed

Direct charges including, travel costs, rental costs, and other direct project costs, will be invoiced at actual cost or based on rates set forth in the attached standard rate schedule.

3665 JFK Parkway, Building 2, Suite 100, Fort Collins, CO 80525
(970) 223-5556

www.AyresAssociates.com

2015RATES-DEC-CO.DOC