

FAIRFAX WATER

**AMENDMENT NO. 2
DAM ENGINEERING SERVICES - BOA
RFP 16-04**

THIS AMENDMENT, entered into as of the 25th day of ^{Juno Dec} July, 2018, by and between Fairfax Water and Gannett Fleming, Inc., amends the original Basic Ordering Agreement for Dam Engineering Services - BOA, dated July 15, 2017, in the Section indicated.

EXHIBIT A – RATES AND FEES

Exhibit A dated July 1, 2018 through June 30, 2019 shall replace Exhibit A dated July 1, 2017 through June 30, 2018. A 2.5% escalation has been included with new pricing starting on July 1, 2018.

All other provisions of the original contract shall remain in place.

IN WITNESS WHEREOF, the parties hereto have executed this Amendment as of the day and year first written above.

GANNETT FLEMING, INC.

FAIRFAX WATER

By:



Aaron D. Keno
Project Principal

By



Charles M. Murray
General Manager

Attachments: Exhibit A dated July 1, 2018
Exhibit C dated July 1, 2018

GANNETT FLEMING, INC.

EXHIBIT A Rates and Fees

Rates are in Effect for Year 2018 from July 1, 2018 to June 30, 2019

Engineering

Note: A multiplier of 3.00 had been applied to the hourly rates to calculate "Billed Hourly Labor Rates" in Amendment No. 1 to the original Agreement for Services. Rates listed below have been inflated by 2.5% over the 2017 rates based on the Agreement for Services paragraph 2.3.

Classification	Billed Hourly Labor Rate (Min)	Billed Hourly Labor Rate (Max)	Personnel
Principal	\$237.36	\$272.72	A.Keno, T. Dreese, G. Lund, P. Schweiger
Engineering Manager	\$208.08	\$250.26	J. Berezniak, R. Kline, C. Krebs, M. Knight, C. Bailey
Senior Project Manager	\$199.05	\$212.40	R. Saber
Project Manager	\$188.46	\$191.86	T. Johnston, B. Howard
Assistant Project Manger	\$172.29	\$172.29	E. Neast
Project Engineer	\$125.53	\$145.34	D. Snyder, B. Israel-Devadason, S. Davidheiser
Design Engineer II	\$109.34	\$116.79	A. Kulik, J. Bell, A. Shaner
Design Engineer I	\$91.89	\$100.42	E. Fromherz
Staff Technician	\$71.33	\$89.84	J. Stone, C. Israel
Clerical	\$70.71	\$93.04	J. Bauer, K. Maginn
Surveyor	\$102.17	\$111.33	A.Moyer, B.Miller

Notes:

1. If necessary, additional employees and associated hourly rates and labor categories may be submitted for Fairfax Water approval.

Direct Expenses

Item	Cost	Unit
Auto Mileage (Not to Exceed FW)	\$0.54	Mile
Travel	Actual	N/A
Meals (local)	N/A	N/A
Meals (out of town, defined as >20 mile radius)	Per Diem ¹	N/A

Color copies		
8.5 x 11	\$0.75	Sheet
11 x 17	\$1.25	Sheet
24 x 36 (Full Size)	\$12.00	Sheet
Black & White copies		
8.5 x 11	\$0.08	Sheet
11 x 17	\$0.12	Sheet
24 x 36 (Full Size)	\$1.50	Sheet
Shipping	Actual	

1. Direct Expenses may not be accelerated during the duration of the contract.
2. Tolls at cost (not to exceed Fairfax Water guidelines).
3. Subcontract charges marked up 5%.
4. Other direct cost not specifically listed will be at cost.
5. No direct cost for telephone, normal delivery U.S. Mail, or computer charges.

¹ Per Diem rates to be consistent with applicable IRS tax rules and as published by the General Services Administration.

Fairfax Water



Project Principal
» Aaron D. Keno, PE

PROJECT MANAGEMENT



Project Manager
» Paul G. Schweiger, PE, CFM



Deputy Project Manager
» Steven Davidheiser, PE

**Quality Assurance/
Quality Control**
» Robert A. Kline, Jr., PE
(Dams)
» Trent L. Dreese, PE
(Geotechnical)

<p>Emergency Action Plan Exercises and Drills » Paul G. Schweiger, PE, CFM » Joseph R. Bell</p> <p>Operation and Maintenance Plans/Emergency Action Plans » Robert A. Kline, Jr., PE » Adrienne K. Shaner, PE</p>	<p>Hydraulic and Hydrologic Expertise » Amanda J. Hess, PE, CFM » Benjamin Israel-Devadason, PE, CFM</p> <p>Regulatory Support » Robert A. Kline, Jr., PE » Adrienne K. Shaner, PE » Aaron D. Keno, PE</p>	<p>Dam Safety Management Practices » Michael A. Knight, PG » John N. Berezniak, PE</p> <p>General Impounding Structure Engineering Support » Timothy W. Johnston, PE » Boyd Howard, PE » Guy S. Lund, PE</p>
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SUPPORT SERVICES

<p>Quarry Permitting and Repurposing Michael A. Knight, PG Thomas V. Waddington, PG</p> <p>Surveillance Monitoring Christopher S. Bailey, PE</p> <p>Geotechnical Robert T. Saber, PE Cari R. Beenenga, PE David M. Snyder, PE</p>	<p>Water Treatment Plant Coordination Jeffrey L. Raffensperger Timothy J. Glessner, PE</p> <p>Flood Inundation Mapping Christopher D. Krebs, PE, CFM, GISP</p> <p>Surveying Adam J. Moyer, PLS</p> <p>VADCR Dam Inspections Timothy W. Johnston, PE Steven Davidheiser, PE Adrienne K. Shaner, PE</p>	<p>Civil Eric C. Neast, PE Chad Hoover, PE, ENV SP</p> <p>Diving Investigations/Inspections Timothy W. Johnston, PE</p> <p>Dam Security Planning William F. Foos Frank Calcagno, Jr, RG</p> <p>Emergency Response Paul G. Schweiger, PE, CFM Aaron D. Keno, PE</p> <p>Construction Management Thomas B. Pursel, PE</p>
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» Key Personnel