

CITY OF OREGON CITY
Amendment No. 5 to Personal Services Agreement

STORMWATER MASTER PLAN UPDATE (CI 16-006)

This is an Amendment to the Personal Services Agreement by and between the City of Oregon City (hereinafter City), and **BROWN AND CALDWELL, INC.**, (hereinafter PS Consultant), which was previously entered into on March 17, 2016 ("Contract") for **STORMWATER MASTER PLAN UPDATE (CI 16-006)**; and

Whereas, the parties wish to amend the Contract as set forth below:

WITNESSETH:

1. The **Scope of Work** is hereby amended as follows:

The Scope of Work under this Agreement shall include additional services as detailed in Amendment 5 Exhibit A, attached hereto and by this reference incorporated herein.

2. The **Duration of Contract** is hereby amended as follows:

Contract time is extended to **July 31, 2019**.

3. The **Payment Provisions** are hereby amended as follows:

Payment for additional work will be as detailed in Amendment 5 **Exhibit B and Exhibit C** attached. For provision of additional services described above, the contract price shall be increased by an amount not to exceed **fifty-three thousand seven hundred seventy-two and no/100 dollars (\$53,772.00)**. The total not to exceed amount of the Agreement shall be **three hundred thousand, one hundred sixty-six and no/100 dollars (\$300,166.00)**.

All other provisions of the Personal Services Agreement referenced above shall remain in full force and effect.

CITY OF OREGON CITY

BROWN AND CALDWELL, INC.

By: _____

Anthony J. Konkol, III

Title: City Manager

By: _____

Title: _____

DATED: _____, 20____.

DATED: _____, 20____.

By: _____
John M. Lewis
Title: Public Works Director

ORIGINAL CITY COMMISSION APPROVAL (IF
APPLICABLE):

DATE: _____

DATED: _____, 20____.

APPROVED AS TO LEGAL SUFFICIENCY:

By: _____
City Attorney

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Exhibit A

Stormwater Master Plan

The City of Oregon City (City) has contracted with Brown and Caldwell, Inc. (Contractor or BC) to develop a Stormwater Master Plan. During the development and review of the draft master plan, the City has initiated new programs and projects and collected additional data that will impact short and long-term planning for the stormwater infrastructure systems.

The City has requested that the Contractor conduct additional analyses and update the draft stormwater master plan to reflect 2019 conditions.

The following Tasks 12 through 14 are added to the existing scope of work:

Task 12 2019 Project Management

Objective Provide project management.

Activities Additional project management activities under Task 12 to manage the extension of the project schedule by 6 months, from February 2019 through July 2019, recognizing that project work was largely on hold for 12 months prior to January 2019.

Deliverables The following deliverables will be provided under Task 12:

- Monthly project status reports and invoices
- Bi-weekly coordination phone calls
- 2019 project schedule

Assumptions Task 12 will be completed according to the following assumptions:

- Project technical work will be extended through May 2019. The overall project contract will be extended through July 31, 2019 to allow for City meetings (Task 9-2) and project close-out.

Task 13 Technical Analyses

Objective Conduct technical analyses to incorporate additional information into the master planning assumptions and recommendations.

Task 13-1 Storm Condition Analysis and Recommendations

Activities The City will assemble an asset assessment map and accompanying spreadsheet to document condition assessment data collected through July 2018. The map and spreadsheet will document observed problems from previously-collected videos and maintenance reports.

Based on pipe condition data provided by the City, BC will develop a list of recommended pipe replacement projects and schedule alternatives. The pipe replacement alternatives will be based on three different levels of service and/or project groupings to complete

the work over different time frames. The project options and recommendations will be presented to City staff for review and internal discussion.

BC will document the City's preferred asset management strategy as a chapter in the Stormwater Master Plan.

Task 13-2 Alternatives Modeling – Hazelwood

Activities Using the previously developed XP-SWMM model for the Coffee Creek (Hazelwood) problem area, BC will conduct alternatives analysis modeling to identify needed capacity upgrades. The alternatives will include one option to upsize the existing infrastructure in the current location and one option to reroute the stormwater drainage into the Hazelwood right-of-way.

Based on discussions with City staff, BC will identify a recommended capital project for development under Task 13-4.

Task 13-3 Conveyance System Analysis – Holcomb

Activities BC will review design plans or as-builts for the downstream improvements associated with the Abernethy Landing development off Holcomb Boulevard. BC will update the previously developed XP-SWMM model to reflect the design or as-built conditions for the Holcomb Road problem area and evaluate the system capacity for existing and future land use conditions. Where capacity deficiencies exist, BC will identify the needed capacity upgrades and recommend a capital project for development under Task 13-4.

Task 13-4 CIP Fact Sheets and Costs

Activities BC will perform preliminary sizing calculations, define capital project solutions, and develop CIP fact sheets for up to four additional stormwater capital projects. Consistent with Task 7-2, the CIP fact sheets will include a project location map, concept sketch, description, and project cost (construction, engineering, and contingencies). Project concepts will be developed to approximately a 10 percent level of design. BC will conduct up to one day of field reconnaissance to evaluate potential project solutions and alternatives.

BC will revise the unit cost table developed under Task 7-3 to reflect 2019 dollars. Previously developed cost estimates will be updated to reflect the updated unit cost table. Planning-level cost estimates will be prepared for up to four additional capital projects.

BC will revise the previously-developed project prioritization table to include and rank the additional capital projects.

Deliverables The following deliverables will be provided under Task 13:

- Updated unit cost table for CIP cost estimation in 2019 dollars
- Updated CIP cost estimates for previously-developed CIPs and four additional CIPs
- Capital project fact sheets for up to four additional projects, including project maps, concept sketches, project descriptions, and cost estimates
- Updated project prioritization ranking table

Assumptions Task 13 will be completed according to the following assumptions:

- In January 2019, City will provide stormwater system condition assessment data (maps, data tables, and scores).
- In January 2019, City will provide final plans or as-builts for the downstream stormwater improvements related to the Abernethy Landing development off Holcomb Boulevard. Model updates will be limited to information provided in the plans or as-builts for the downstream improvements associated with Abernethy Landing development.
- Conceptual designs and cost estimates will be developed for up to four additional CIPs.
- The budget for this task includes time for two BC staff to conduct up to four hours of onsite investigations of potential CIPs. City staff will be available to accompany BC staff during the site visits.
- The City will secure any needed right-of-entry and/or permissions for BC staff to conduct needed field investigations.
- Stormwater program rate study and revenue alternatives will be evaluated separately and are not included in this scope of services.

Task 14 Master Plan Update

Objective Compile stormwater system information, analyses, and CIP program into a comprehensive Stormwater Master Plan document.

Task 14-1 Updated Draft Stormwater Master Plan

Activities BC will update the 2017 draft Stormwater Master Plan document to address comments received from the City in 2018 and to incorporate the analyses, results, and recommendations prepared under Task 13. BC will work with City staff to update maps, narrative, and figures reflecting the City's stormwater watersheds and conveyance system, water quality and hydromodification issues, identified system capacity deficiencies, and CIP locations. The Executive Summary will be revised and expanded to highlight the major findings and recommendations from the Stormwater Master Plan.

BC will conduct an internal QA/QC of the draft Stormwater Master Plan.

A draft digital copy will be provided to the City for review, comment, and distribution for public and commission review.

Task 14-2 Final Stormwater Master Plan

Activities City, public, and commission comments will be addressed and incorporated into a final Stormwater Master Plan for final adoption. BC will print, assemble, and bind 3 copies of the final Stormwater Master Plan, and provide electronic versions on a CD.

Following final adoption, BC will provide electronic project data, including copies of the hydrologic/hydraulic model and associated GIS files.

Deliverables The following deliverables will be provided under Task 8:

- Updated Draft Stormwater Master Plan as electronic PDF and Microsoft Word
- Final Stormwater Master Plan as a bookmarked PDF, Microsoft Word files, and three printed and bound copies
- Electronic copies of hydrologic/hydraulic models and GIS data

Assumptions Task 14 will be completed according to the following assumptions:

- The City will take the lead in updating GIS-based maps for the master plan, incorporating comments from BC and City staff.
- City will provide written descriptions of stormwater-related projects, completed over the last 5 years, for inclusion in the Master Plan.
- The City will take the lead in soliciting and compiling comments on the Draft Stormwater Master Plan from project stakeholders, such as the Greater Oregon City Watershed Council, as appropriate
- One compiled set of comments from City staff, public outreach, and commission review will be provided to BC on the Updated Draft Stormwater Master Plan submittal

Exhibit B Compensation

Amendment 5
December 28, 2019

Oregon City, City of (OR) -- Oregon City Stormwater Master Plan											
		Maxwell, Alissa M	Gage, Eva D	Reininga, Krista	Retzlaff, Ryan G	Pare, Wendy M	Vasquez, Jesus E	Glass, Michael R			
Phase	Description	PM	PA		QA/QC				Total Labor Hours	Total Labor Effort	Total Cost
		\$178	\$109	\$240	\$178	\$124	\$109	\$124			
012	2019 Project Management	30	10	2	0	0	10	0	52	8,000	8,000
100	PM Duties	30	10	2	0	0	10	0	52	8,000	8,000
013	Technical Analyses	26	0	8	24	4	0	140	202	28,676	28,676
100	Storm Condition Analysis/Recommend	12	0	4	0	0	0	36	52	7,560	7,560
200	Alternatives Modeling: Hazelwood	2	0	0	8	0	0	24	34	4,756	4,756
300	Conveyance Sys Analysis: Holcolmb	0	0	0	4	0	0	20	24	3,192	3,192
400	CIP Fact Sheets and Costs	12	0	4	12	4	0	60	92	13,168	13,168
014	Master Plan Update	28	0	8	28	20	0	22	106	17,096	17,096
100	Update Draft Master Plan	12	0	6	20	8	0	12	58	9,616	9,616
200	Final Master Plan	16	0	2	8	12	0	10	48	7,480	7,480
TOTAL		84	10	18	52	24	10	162	360	53,772	53,772

Hours and dollars are rounded to nearest whole number.
Rates are valid to Dec. 31, 2019.

Brown and Caldwell Schedule of Hourly Billing Rates

Level	Engineering	Technical/Scientific	Administrative	Hourly Rate
A			Office/Support Services I	\$64
B	Drafter Trainee	Field Service Technician I	Word Processor I Office/Support Services II	\$72
C	Assistant Drafter	Field Service Technician II	Word Processor II Office/Support Services III	\$82
D	Drafter Engineering Aide Inspection Aide	Field Service Technician III	Accountant I Word Processor III Office/Support Services IV	\$95
E	Engineer I Senior Drafter Senior Illustrator Inspector I	Geologist/Hydrogeologist I Scientist I Senior Field Service Technician	Accountant II Word Processor IV	\$109
F	Engineer II Inspector II Lead Drafter Lead Illustrator	Geologist/Hydrogeologist II Scientist II	Accountant III Area Business Operations Mgr Technical Writer Word Processing Supervisor	\$124
G	Engineer III Inspector III Senior Designer Supervising Drafter Supervising Illustrator	Geologist/Hydrogeologist III Scientist III	Accountant IV Administrative Manager	\$143
H	Senior Engineer Principal Designer Senior Construction Engineer Senior Engineer	Senior Geologist/Hydrogeologist Senior Scientist	Senior Technical Writer	\$166
I	Principal Engineer Principal Construction Engineer Supervising Designer	Principal Geologist/Hydrogeologist Principal Scientist	Corp.Contract Administrator	\$178
J	Supervising Engineer Supervising Constr. Engineer Supervising Engineer	Supervising Scientist Supervising Geologist/ Hydrogeologist	Assistant Controller	\$218
K	Managing Engineer	Managing Geologist/Hydrogeologist Managing Scientist	Area Bus Ops Mgr IV	\$240
L	Chief Engineer Executive Engineer	Chief Scientist Chief Geologist/Hydrogeologist	Corp Marketing Comm. Mgr.	\$260
M	Vice President			\$260
N	Senior Vice President			\$260
O	President/Executive Vice President			\$260
P	Chief Executive Officer			\$260